



TDA
CAPE TOWN

*The City of Cape Town's Transport
and Urban Development Authority*

Michael Patel
Tender and Contract Management
Human Settlements Implementation

T: 021 400 2120
E: michael.patel@capetown.gov.za

12 February 2018

SMEC South Africa (Pty) Ltd
65 Riebeek Street
Cape Town
8001

ATTENTION: Johan Basson

Email: capetown@smec.com

LETTER OF APPOINTMENT

TENDER 101C/2016/17: PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

Dear Sir/Madam,

With reference to our letter issued to you in July 2017, we are pleased to inform you that in terms of Section 33 of the MFMA, the award of this tender was approved by Council on the 31 January 2018. We advise that once the tender document (now called the contract) is signed by the City Manager, you will be contacted to arrange for the collection of one fully completed original copy of this agreement.

Based upon the evaluation results and your fee per erf submitted in the contract document, your services will be required on our **Vlakte Plaas Housing Project**, which is expected to yield an estimated **4300** housing units.

As you will form part of a team of consultants appointed to this project, the City's Internal Project Manager will be contacting you shortly to arrange an introduction meeting, at which the project team will be introduced and a high level overview of the project will be explained.

Civic Centre

12 Hertzog Boulevard, Cape Town, 8001
PO Box X9181, Cape Town, 8000

Iziko loLuntu

12 Hertzog Boulevard, Cape Town, 8001
PO Box X9181, Cape Town, 8000

Burgersentrum

Hertzog-boulevard 12, Kaapstad, 8001
Posbus X9181, Kaapstad, 8000

We look forward to a good working relationship with all parties involved and to the successful completion of the contract.

Yours faithfully

Acting City Manager

**RESOLUTIONS OF THE SUPPLY CHAIN MANAGEMENT BID ADJUDICATION
COMMITTEE: 19 JUNE 2017**

**SCMB 62/06/17 TENDER NO. 101C/2016/17: PROVISION OF PROFESSIONAL
CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL
ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR
INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS
WITHIN THE CITY OF CAPE TOWN**

Replacement pages 224 and 248 were circulated prior to the meeting. The pages indicate the receipt of an updated tax clearance certificate in respect of Nadeson Consulting Services (Pty) Ltd and the inclusion of the amounts inclusive of VAT for the "tender rate per Erf", respectively.

It was pointed out on page 242 of the agenda that the BEC did not apply a certain methodology of a scoring functionality.

The officials explained that no bids were received from any joint venture, hence the BEC's decision not to use the methodology alluded to, as it was not required for this tender.

RESOLVED that:

- (a) in accordance with clause 325 of the CCT's SCM Policy the minor breach in relation to incorrect referencing stipulated in the test of responsiveness clause F.3.8.3, be ratified.
- (b) in accordance with clause 325 of the CCT's SCM Policy the minor breach in relation to the way in which a Joint Venture would be scored in terms of functionality for Track Record, be ratified.
- (c) in accordance with clause 325 of the CCT's SCM Policy the minor breach in relation to a basket being used and decided upon after the tender closed to evaluate the tender, be ratified.

FURTHER RESOLVED that:

- (d) for the reasons set out in the report the tender offers submitted for Tender no. 101C/2016/17: Provision of professional civil, traffic / geotechnical and electrical engineering services to plan, design and monitor Integrated Human Settlement developments for six vacant sites located within the City of Cape Town, be accepted for 60 months from date of commencement of contract, subject to the conclusion of a Section 33 (MFMA) process and Council adopting a resolution in which it approves the entire contract exactly as it is to be executed and in which

2

it authorises the municipal manager to sign the contract on behalf of the municipality, as follows:

Item	TENDERER	Unit	Total Rate (Excl. VAT)	Land appointed for parcel
1	Orrie, Welby-Solomon and Associates CC	Per erf	R 1359.00	Wolwerivier
2	SMEC South Africa (Pty) Ltd.	Per erf	R 1735.00	Vlakteplaas
3	Nadeson Consulting Services (Pty) Ltd.	Per erf	R 2245.00	Blueberry Hill
4	IX Engineers (Pty) Ltd.	Per erf	R 2279.54	ACSA Symphony Way
5	Neil Lyners and Associates (RF) (Pty) Ltd.	Per erf	R 2292.13	Driftsands
6	Lukhozi Consulting Engineers (Pty) Ltd.	Per erf	R 2308.00	Pelican Park Phase 2

- (e) price adjustment be calculated in accordance with the tender documents
- (f) a 10% contingency be added by the City of Cape Town to the total sum of projects in terms of the tender document.

ACTION: M PATEL, M WHARE

This resolution complies with the Supply Chain Management Policy as approved by Council on 29 March 2017.



RICHARD WOOTTON EMPLOYEE NO. 10207948
ACTING CHAIRPERSON: SUPPLY CHAIN MANAGEMENT
BID ADJUDICATION COMMITTEE

DATE: 22/6/17

TENDER NO. 101C/2016/17



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

SCM - 515 | Approved by SCM Director: 29/10/2014

Version: 1

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CONTRACT DOCUMENT

FOR THE

**PROVISION OF PROFESSIONAL CIVIL, TRAFFIC,
GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES
TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN
SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE
TOWN**

(RETURNABLE DOCUMENT)

NOTE:

- The Form of Offer and Acceptance (C1.1) is on page 60 of this document (see also Clause F.4.4 Invalid tenders on page 17).

Table 1: Tender Preference Claim (B-BBEE contribution) is on page 57 of this document.

ISSUED BY:

**DIRECTOR: HUMAN
SETTLEMENTS
NEW MARKET DEVELOPMENT
CITY OF CAPE TOWN**
Tower Block, Civic Centre
12 Hertzog Boulevard
CAPE TOWN
8001

For official use. 2

TENDER SERIAL No.:

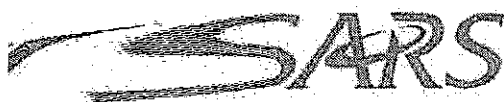
**SIGNATURES OF CITY OFFICIALS
AT TENDER OPENING**

1.

2.

3.

October 2016



7552

Tax Clearance Certificate Number:

0700/2/2017/A000917101

Tax Clearance Certificate - Good Standing

ries
SARS (7277)
oved Date
-04-26
ry Date
-04-26

Company registration number 1989/007013/07

Income Tax 9400061645
SMEC SOUTH AFRICA (PTY) LTD

VAT 4660152085
SMEC SOUTH AFRICA (PTY) LTD

PAYE 7670713488
SMEC SOUTH AFRICA (PTY) LTD

Trading Name SMEC SOUTH AFRICA (PTY) LTD

It is hereby confirmed that, on the basis of the information at the disposal of the South African Revenue Service (SARS), the above-mentioned taxpayer has complied with the requirements as set out in the Tax Administration Act.

This certificate is valid until the expiry date reflected above, subject to the taxpayer's continued tax compliance. To verify the validity of this certificate, contact SARS through any of the following channels:

- via eFiling
- by calling the SARS Contact Centre
- at your nearest SARS branch

This certificate is issued in respect of the taxpayer's tax compliance status only, and does not address any other aspect of the taxpayer's affairs.

This certificate is issued free of charge by SARS

TENDER NO. 101C/2016/17



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

SCM - 515 | Approved by SCM Director: 29/10/2014

Version: 1

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CONTRACT DOCUMENT

FOR THE

**PROVISION OF PROFESSIONAL CIVIL, TRAFFIC,
GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES
TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN
SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE
TOWN**

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Table 1: Tender Preference Claim (B-BBEE contribution) is on page 57 of this document.

ISSUED BY:

**DIRECTOR: HUMAN
SETTLEMENTS
NEW MARKET DEVELOPMENT
CITY OF CAPE TOWN**
Tower Block, Civic Centre
12 Hertzog Boulevard
CAPE TOWN
8001

For official use:

TENDER SERIAL No.:

**SIGNATURES OF CITY OFFICIALS
AT TENDER OPENING**

1.

2.

3.

October 2016

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

General Tender Information

TENDER ADVERTISED	:	21 October 2016
CLARIFICATION MEETING	:	10h00 on 01 November 2016 (Non-Compulsory but strongly recommended)
VENUE FOR CLARIFICATION MEETING	:	Offices of the City of Cape Town, Mayor's Parlour, 1 st Floor Block A, 1 Bridle Way, Royal Ascot, Milnerton
CLOSING DATE	:	24 November 2016
CLOSING TIME	:	10h00
CLOSING VENUE	:	Tender Box 127 at the Tender Submission Office, 2 nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town
TENDER BOX 127	:	The Tender Document (which includes the Form of Offer and Acceptance) completed in all respects, plus any additional supporting documentation required, must be submitted in a sealed envelope with the name and address of the tenderer, the tender No. and title, the tender box No. and the closing date indicated on the envelope. The sealed envelope must be inserted into the appropriate official tender box before closing time.

If the tender offer is too large to fit into the abovementioned box or the box is full, please enquire at the public counter (Tender Distribution Office) for alternative instructions. The onus remains with the tenderer to ensure that the tender is placed in either the original box or as alternatively instructed.

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

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T1.2	Tender Data
Part T2: Returnable documents	
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T2.2	Returnable Schedules
The Contract	
Part C1: Agreements and Contract Data	
C1.1	Form of Offer and Acceptance
C1.2	Contract Data
C1.3	Occupational Health and Safety Agreement
Part C2: Pricing data	
C2.1	Pricing Assumptions
C2.2	Activity Schedule
Part C3: Scope of Work	
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Part T1: Tendering procedures

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CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

T1.1 Tender Notice and Invitation to Tender

The CITY OF CAPE TOWN, Director: Human Settlements invites tenders for Tender No. **101C/2016/17: PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN**

Tenderers must be registered on Supplier Databases as described in the tender conditions.

Tenderers who are not registered on these Supplier Databases are not precluded from submitting tenders, but must however be registered upon being requested to do so in writing and within the period contained in such a request.

Preferences are offered to tenderers who tender in accordance with the Preferential Procurement Regulations, 2011.

The physical address for collection of tender documents is:

Tender Distribution Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town.

Documents may be collected during working hours between 08:30 –15:00 from **21 October 2016**.

A non-refundable tender fee of R100.00 payable by crossed cheque made out in favour of the City of Cape Town is required on collection of the tender documents.

Queries relating to any issues in these documents may be addressed to Mr M Patel, Tel No. 021 400 2120, Fax No. 086 201 1808 or e-mail michael.patel@capetown.gov.za.

A non-compulsory but strongly recommended clarification meeting with representatives of the Employer will be held on **01 November 2016 at 10h00** at the offices of the City of Cape Town, Mayor's Parlour, 1st Floor Block A, 1 Bridle Way, Royal Ascot, Milnerton

The closing time for receipt of tenders is **10h00 on 24 November 2016**.

Telegraphic, telephonic, telex, facsimile and late tenders will not be accepted.

Tenders may only be submitted on the tender documentation that has been issued. Printed Activity Schedules, in the same format (that is, layout, scheduled items and quantities) as those issued electronically by the Employer upon request, may be submitted as stated in the Tender Data.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

T1.2 Tender Data

The conditions of tender are the Standard Conditions of Tender as contained in Annex F of Board Notice 86 of 2010 in Government Gazette No. 33239 of 28 May 2010, Construction Industry Development Board (CIDB) Standard for Uniformity in Construction Procurement. (see www.cidb.org.za) which are reproduced without amendment or alteration for the convenience of tenderers as an Annex to this Tender Data.

The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of tender. Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.

The following variations, amendments and additions to the Standard Conditions of Tender as set out in the Tender Data below shall apply to this tender:

Clause number	Tender Data
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F.1	General
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F.1.1	Actions
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Add the following:

The Employer is the City of Cape Town, represented by the Director: Human Settlements: New Market Development

F.1.2	Tender Documents
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Add the following:

The following documents form part of this tender:

1. The **Standard Professional Services Contract (July 2009) (Edition 3 of CIDB document 1015)** as published by the Construction Industry Development Board. Tenderers must obtain copies at their own cost from the Construction Industry Development Board Pretoria, Tel. (012) 343 7136 or (012) 481 9030, Fax: (012) 343 7153, e-mail: cidb@cidb.org.za.
2. The relevant sections as described in the Scope of Services of the **Guideline for Services and Processes for Estimating Fees for Persons Registered in terms of the Engineering Profession Act, 2000 (Act No. 46 of 2000)**, Board Notice 117 of 2013 as gazetted in Government Gazette No. 36529, 3 June 2013.
3. While it is entirely at the tenderer's discretion as regards pricing the Activity Schedule below, the **2014/15 Housing Subsidy Quantum of the Western Cape Provincial Government and the Guideline Scope of Tariff of Fees from the National Department of Human Settlements Directorate**, detailing a cost breakdown for Subsidised Housing Policy Framework and Programme Guidelines, is a useful document that will give tenderers some idea of industry norms against which they may compare their rates, sums, percentage fees and/or prices as applicable. A copy of this document is available from the Employer's representative, upon request.
4. The City of Cape Town's **Example CIDB document for Civil Contracts (SCM 509)**, latest version, obtainable on request from the Employer.

5. This tender document (which may also be obtained in electronic format – or parts thereof – in terms of F4.10) issued by the Employer (**Tender No. 101C/2016/17: PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTERGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN**) in which is bound:

The Tender

Part T1: Tendering Procedures

T1.1 Tender notice and invitation to tender

T1.2 Tender data

Part T2 : Returnable Documents

T2.1 List of returnable documents

T2.2 Returnable schedules

The Contract

Part C1: Agreements and contract data

C1.1 Form of offer and acceptance

C1.2 Contract data

C1.3 Occupational Health and Safety Agreement

Part C2: Pricing data

C2.1 Pricing Assumptions

C2.2 Activity Schedule

Part C3: Scope of work

C3.1 Scope of Work

C3.2 Annexes

Part C4: Site information

C4.1 Site information

This document must be returned to the Employer, completed in all respects, together with any additional supporting documentation required, in terms of submitting a tender offer.

F.1.4 Communication and employer's agent

Add the following:

Attention is drawn to the fact that verbal information, given by the Employer's agent during site visits/clarification meetings or at any other time prior to the award of the Contract, will not be regarded as binding on the Employer. Only information issued formally by the Employer in writing to tenderers will be regarded as amending the Tender Documents.

The Employer's agent, for the purposes of any communication between the employer and tenderer, is:

Name: Mr M Patel
Postal address: Human Settlements Directorate
PO Box 298
Cape Town, 8000
Tel: 021 400 2120
Fax: 086 201 1808
E-mail: michael.patel@capetown.gov.za

F.1.6.2 Competitive negotiation procedure

Add the following to F.1.6.2

A competitive negotiation procedure will not be followed.

F.1.6.3 Proposal procedure using the two-stage system

Add the following to F.1.6.3

A two-stage system will not be followed.

F.2 Tenderer's obligations

F.2.1 Eligibility

Add the following to F.2.1.1

F.2.1.1 Only those tenderers who satisfy the following eligibility criteria are eligible to submit tenders:

F.2.1.1.1 City of Cape Town Supplier Database Registration

Only those tenderers who are registered on the City of Cape Town's Supplier Database as a service provider prior to the evaluation of submissions are eligible to have their tender evaluated (the evaluation of tenders takes place when the Employer's Bid Evaluation Committee meets to make a final recommendation to the Bid Adjudication Committee). The Employer will only enter into a formal contract with a tenderer who is registered on the City of Cape Town's Supplier Database. In the case of Joint Venture partnerships this requirement will apply individually to each party of the Joint Venture.

Tenderers who wish to register on the City of Cape Town's Supplier Database may collect registration forms from the Supplier Management Unit located within the Tender Distribution Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town (Tel 021 400 9242/3/4/5). Registration forms and related information are also available on the City of Cape Town's website www.capetown.gov.za (follow the Supply Chain Management link to "Supplier registration").

F.2.1.1.1.A National Treasury Web Based Central Supplier Database (CSD) Registration

Tenderers are required to be registered on the National Treasury Web Based Central Supplier Database (CSD) as a service provider. Tenderers must register as such upon being requested to do so in writing and within the period contained in such a request, failing which no orders can be raised or payments processed from the resulting contract. In the case of Joint Venture partnerships this requirement will apply individually to each party of the Joint Venture.

Tenderers who wish to register on the National Treasury Web Based Central Supplier Database (CSD) may do so via the web address <https://secure.csd.gov.za>.

It is each tenderer's responsibility to keep all the information on the National Treasury Web Based Central Supplier Database (CSD) updated.

F.2.1.1.2 Local office

In order to be considered for an appointment in terms of this tender, tenderers must have an office in the Cape Town Municipal area, or within 200km radius from the City of Cape Town CBD, through which all communication with the employer will flow, and where the majority of work in terms of this tender will be carried out. The address of the local office must be indicated on Schedule 1, Part T2.2: Returnable Schedules, and which will be regarded as the *domicilium citandi et executandi* for the purposes of any contract arising from this tender submission.

F.2.1.1.3 Key personnel

In order to be considered for an appointment in terms of this tender, the tenderer must have the following key personnel in its permanent employment at the close of tender. Alternatively, a signed undertaking from a specialist consultant/firm having the required personnel, stating that they will undertake the necessary work on behalf of the tenderer in terms of a sub-consultant agreement, will be acceptable. Such undertaking must be attached to **Schedule 9, Part T2.2: Returnable Schedules**.

Unless otherwise indicated below different individuals must be identified for each of the key personnel listed below and on **Schedule 9, Part T2.2: Returnable Schedules**. Minimum requirements in respect of for example Key Personnel:

- a) A ECSA registered **Professional Civil Engineer (The Tenderer)** with at least 5 (five) years verifiable post graduate experience in the design and construction of affordable housing development and possesses a NQF 7 EPWP certification (Labour Intensive Construction Methodology), who will be responsible for all civil infrastructure, planning, design and implementation work carried out in terms of this tender.
- b) A ECSA registered **Professional Geotechnical Engineer** with at least 5 (five) years' experience who has the necessary experience and training to undertake geotechnical engineering work in relation to housing developments.
- c) A ECSA registered **Professional Transport/Traffic Engineer**, with at least 5 (five) years verifiable post graduate experience in Traffic Impact Assessments, who will be responsible for all such work carried out in terms of this tender.

- d) A ECSA registered **Electrical Engineer** with at least 5 (five) years verifiable post graduate experience in subsidy housing developments regarding electrical infrastructure planning, design and implementation and who will be responsible for all work carried out in terms of this tender.
- e) A **Clerk of Works (Civil)** with at least 7 (seven) years verifiable post graduate experience in construction site supervision of the construction of low-cost housing and related infrastructure, and possesses a NQF 5 EPWP certification (Labour Intensive Construction Methodology) who will be responsible for all on-site construction activities (incl. quality assurance) in terms of this tender.
- f) A registered **Health & Safety Officer/Specialist** with at least 5 (five) years verifiable post graduate/registration experience in residential construction sites, who will be responsible for all health & safety planning and assurance work carried out in terms of this tender. Proof of application submitted to the relevant official bodies and/or SACPCMP registration is requested.

Where required, the professional registration numbers of the key personnel must be indicated on **Schedule 9, Part T2.2: Returnable Schedules**. The *curriculum vitae* of all key personnel (including sub-consultants), must be submitted with the tender submission, appended to **Schedule 9, Part T2.2: Returnable Schedules**. Key personnel will be expected to operate out of the local office, as the exigencies of this project require

F.2.1.1.4 **Support resources**

The Civil Engineer must have access to, and familiarity with, a competent structural analysis software package that is capable of modelling the various elements of the civil engineering services. Details of the software package that will be used must be indicated on **Schedule 10, Part T2.2: Returnable Schedules**.

F.2.1.1.5 **Professional indemnity insurance**

The employer shall not award a contract to any tenderer that does not hold valid Professional Indemnity (PI) insurance providing cover in an amount of not less than R5 000 000 in respect of each and every claim during the period of insurance. Proof of insurance or confirmation from a reputable Insurance Broker that the Tenderer is eligible for the prescribed professional indemnity insurance cover should he/she be awarded the contract, must be submitted with the tender, appended to **Schedule 11, Part T2.2: Returnable Schedules**.

Where the entity tendering is a joint venture then the value of the PI insurance cover required may be shared between the joint venture partners in proportion to the percentage contribution of each party to the joint venture.

F.2.1.1.6 **Track record of tenderer**

In order to be considered for an appointment in terms of this tender, the tenderer must have successfully completed at least three subsidy housing projects in the past 10 years.

F.2.1.1.7 **Minimum score for quality**

In order to be considered for a contract in terms of this tender, tenderers must achieve the minimum score for quality as stated below.

The description of the quality criteria and the maximum possible score for each is shown in the table below. The score achieved for quality will be the sum of the scores achieved for the individual criteria

Description of Quality Criteria	Maximum possible score
Proposed work plan (approach and methodology)	10
Specific experience of key personnel	50
Availability/allocation of Resources	10
Track record of tenderer (with respect to Subsidy Housing Developments)	30
Maximum possible score	100 points

The minimum score for quality is 60 out 100 points. Tenderers that fail to achieve the minimum score for quality will not be further considered for evaluation.

A more detailed explanation of the quality criteria is given below:

Note: Where the entity tendering is a joint venture a score for track record will be awarded to each party to the joint venture, which will then be combined in proportion to the percentage contribution of each party to the joint venture.

Proposed Work Plan

A proposed work plan must be provided with the tender submission, attached to Schedule 13, Part T2.2: Returnable Schedules, which must be of sufficient detail (but preferably not more than 5 pages in length) to indicate that the project brief has been understood. That is, tenderers must show that they have appreciated the brief and have good insight as to what actions or activities are required and what challenges are to be overcome (the key issues), and indicate the approach and methodology that they intend following in order to reach the required outcome. Up to 10 score points for this aspect of the tender submission will be awarded, with the applicable values as follows:

PROPOSED WORK PLAN SCORING CHART

Description		Highest Scoring Options		
1.	Identification of project brief and key issues pertaining to the execution of the Project	Good (4 points)	Fair (2 point)	Poor (1 points)
2.	Approach to/methodology for resolving key issues as mentioned above	Good (6 points)	Fair (4 points)	Poor (2 point)

Specific experience of key personnel

The key personnel will be awarded up to 50 points for specific experience, which is relevant to this particular project. The overall score for this criterion will be sum of the scores for each of the key personnel, with the applicable values as follows:

Scoring Chart for Specific Key Personal		
Description	Highest Scoring Option	Score
1. Experience of assigned Civil Engineer (The Tenderer)	Civil Engineering services for Subsidy Housing projects not exceeding 100 housing units	2
	Civil Engineering services for Subsidy Housing projects between 100 and 500 housing units	3
	Civil Engineering services for Subsidy Housing projects between 501 and 1000 housing units	6
	Civil Engineering services for Subsidy Housing projects exceeding 1000 housing units	10

Scoring Chart for Specific Key Personal		
Description	Highest Scoring Option	Score
2. Experience of assigned Geotechnical Engineer	Geotechnical Engineering services for Subsidy Housing projects not exceeding 100 housing units	2

	Geotechnical Engineering services for Subsidy Housing projects between 100 and 500 housing units	3
	Geotechnical Engineering services for Subsidy Housing projects between 501 and 1000 housing units	6
	Geotechnical Engineering services for Subsidy Housing projects exceeding 1000 housing units	10

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Scoring Chart for Specific Key Personal		
Description	Highest Scoring Option	Score
3. Experience of assigned Transport/Traffic Engineer	Traffic/Transport Engineering services for Subsidy Housing projects not exceeding 100 housing units	2
	Traffic/Transport Engineering services for Subsidy Housing projects between 100 and 500 housing units	3
	Traffic/Transport Engineering services for Subsidy Housing projects between 501 and 1000 housing units	6
	Traffic/Transport Engineering services for Subsidy Housing projects exceeding 1000 housing units	10

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Scoring Chart for Specific Key Personal		
Description	Highest Scoring Option	Score
4. Experience of assigned Electrical Engineer	Electrical Engineering services for Subsidy Housing projects not exceeding 100 housing units	2
	Electrical Engineering services for Subsidy Housing projects between 100 and 500 housing units	3
	Electrical Engineering services for Subsidy Housing projects between 501 and 1000 housing units	6
	Electrical Engineering services for Subsidy Housing projects exceeding 1000 housing units	10

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Scoring Chart for Specific Key Personal		
Description	Highest Scoring Option	Score

5. Experience of assigned Clerk of Works (Civil)	Clerk of Works services for Subsidy Housing projects not exceeding 100 housing units	1
	Clerk of Works services for Subsidy Housing projects between 100 and 500 housing units	2
	Clerk of Works services for Subsidy Housing projects between 501 and 1000 housing units	3
	Clerk of Works services for Subsidy Housing projects exceeding 1000 housing units	5

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Scoring Chart for Specific Key Personal		
Description	Highest Scoring Option	Score
6. Experience of assigned Health and Safety Officer	Health and Safety Officer for Subsidy Housing projects not exceeding 100 housing units	1
	Health and Safety Officer for Subsidy Housing projects between 100 and 500 housing units	2
	Health and Safety Officer for Subsidy Housing projects between 501 and 1000 housing units	3
	Health and Safety Officer for Subsidy Housing projects exceeding 1000 housing units	5

5

Tenderers must ensure that the Curriculum Vitae provided in respect of the key personnel listed above contain details of all relevant experience, be appended to Schedule 9, Part T2.2: Returnable Schedules.

Availability/allocation of Resources

Tenderers must indicate what resources, other than the key personnel listed in clause F.2.1.1.3 above, they have at their disposal and intend allocating to this project as and when required. These resources are equipment, hardware and software and support staff. Hardware and software resources shall be listed on Schedule 10 part T2.2, returnable schedule. All support staff shall be listed on Schedule 16, Part T2.2: Returnable Schedules. Up to 10 score points will be awarded for the appropriate allocation of resources and support staff, over and above the key personnel listed, with the applicable values as follows:

- a) Hardware and software – Up to 4 points
- b) Staff compliment – Up to 6 points

STAFF COMPLIMENT	
Description	Highest Scoring Option
1. 1 to 2 Support Staff Compliment	2
2. 2 to 4 Support Staff Compliment	3
3. 5 or more Support Staff Compliment	6

6

HARDWARE AND SOFTWARE COMPLIMENT	
Description	Highest Scoring Option
1. CAD or similar software package ✓ 2. MS Project software package ✓ 3. Civil Engineering Design software package ✓ 4. A4 to A0 Printing hardware package ✓ 5. Overhead project hardware package ✓ 6. Any other applicable software and hardware Package	Up to 4 points

Track Record (Housing Projects)

Tenderers must list, on Schedule 13, Part T2.2, Returnable Schedules, all housing projects that have been successfully completed in the local office of the tenderer in the past 10 years. Up to 30 points be awarded for track record.

COMPANY TRACK RECORD

Description	Highest scoring Option	Score
A list of similar or comparable projects successfully completed by the Tenderer's Company during the last 10 years	1 or more smaller BNG projects (less than 500 houses per project) completed in the last 10 years	2
	1 or more smaller BNG projects (between 500 and 1000 houses per project) completed in the last 10 years	10
	1 equally large or larger BNG housing project (1000 or more houses) completed in the last 10 years.	15
	3 equally large or larger BNG housing projects (1000 or more houses per project) completed in the last 10 years.	30

Note : Where the entity tendering is a joint venture a score for track record will be awarded to each party to the joint venture, which will then be combined in proportion to the percentage contribution of each party to the joint venture.

- F.2.7 Clarification meeting**
Add the following:
 A non-compulsory but strongly recommended clarification meeting will be held on **01 November 2016 at 10h00** at the offices of the City of Cape Town Offices, Mayor's Parlour, 1st Floor Block A, 1 Bridle Way, Royal Ascot, Milnerton
- F.2.10.3 Price variations**
 Tenderers are referred to Clauses 3.9.3 and 3.16.2 in Part C1.2: Contract Data and to Part C2.1: Pricing Assumptions in the Pricing Data regarding contract price adjustment, as applicable.
- F.2.13 Submitting a tender offer**
Add the following to F.2.13.1
- F.2.13.1** Where the tendering entity is a joint venture it is recommended that the standard CIDB Joint Venture Agreement be used.
- Add the following to F.2.13.2:*
- F.2.13.2** Printed Activity Schedules, in the same format (that is, layout, scheduled items and quantities) as those issued electronically by the Employer on request, may be submitted in terms of F.4.10 c).
- Add the following to F.2.13.3*
- F.2.13.3** Parts of each tender offer communicated on paper shall be submitted as an original, plus 0 (nought) copies.
- Add the following after the first sentence of F.2.13.4:*
- F.2.13.4** The tender shall be signed by a person duly authorised to do so. Tenders submitted by joint ventures of two or more firms shall be accompanied by the document of formation of the joint venture, in which is defined precisely the conditions under which the joint venture will function, its period of duration, the persons authorised to represent and obligate it, the participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning.
- Add the following to F.2.13.5:*
- F.2.13.5** The Employer's address for delivery of tender offers and identification details to be shown on each tender offer package are:
- Location of tender box: Tender Box 127.
 Physical address: Tender Submission Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town.
 Identification details: Tender number: **101C/2016/17**:
 Title of tender: **PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN**
- Name and address of tenderer: (to be inserted by tenderer)
- Sealed tenders with the Tenderer's name and address and the endorsement "**TENDER NO. 101C/2016/17: PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTERGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN**" on the envelope, must be placed in the appropriate official tender box at the abovementioned address.
- Add the following to F.2.13.6:*
- F.2.13.6** A two-envelope procedure will **not** be followed.
- Add the following sub-clause after F.2.13.9:*
- F.2.13.10** By signing the offer part of C1.1 Form of Offer and Acceptance the tenderer declares that all information provided in the tender submission is true and correct.
- F.2.15 Closing time**
Add the following to F.2.15.1:
- F.2.15.1** The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender. Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted.
- F.2.16 Tender offer validity**
Add the following to F.2.16.1:
- F.2.16.1** The tender offer validity period is **12 weeks (84 days)**. Tenderers are also referred to F.4.11 in respect of the Section 33 process.

Replace sub-clause F.2.16.2 with the following:

- F.2.16.2 Tender offers shall be deemed to remain valid until formal acceptance by the Employer of an offer at any time after the expiry date of the original tender offer validity period, unless the Employer is notified in writing of anything to the contrary, including any further conditions, by the tenderer.

Any further conditions introduced by the tenderer will be considered at the sole discretion of the Employer.

F.2.17 Clarification of tender offer after submission

Add the following:

A tender may be rejected as non-responsive if the tenderer fails to provide any clarification requested by the employer within the time for submission stated in the employer's written request for such clarification.

F.2.18 Provide other material

Delete the following word in F.2.18.1:

F.2.18.1 notarized

Add the following to F.2.18.1:

F.2.18.1 Provide, on written request by the Employer, where the transaction value (tendered amount) inclusive of VAT **exceeds R 10 million:**

- a) audited annual financial statement for the past 3 years, or for the period since establishment if established during the past 3 years, if required by law to prepare annual financial statements for auditing;
- b) a certificate certifying that the tenderer has no undisputed commitments for municipal services towards a municipality or other service provider in respect of which payment is overdue for more than 30 days;
- c) particulars of any contracts awarded to the tenderer by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract;
- d) a statement indicating whether any portion of the goods or services are expected to be sourced from outside the Republic, and, if so, what portion and whether any portion of payment from the municipality or municipal entity is expected to be transferred out of the Republic.

Each party to a Consortium/Joint Venture shall submit separate certificates/statements in the above regard.

F.2.23 Certificates

Add the following:

The tenderer is required to submit the following:

F.2.23.1 Evidence of tax compliance

Tenderers shall be registered with the South African Revenue Service (SARS) and their tax affairs must be in order and they must be tax compliant. In this regard, it is the responsibility of the Tenderer to submit evidence in the form of a valid Tax Clearance Certificate issued by SARS to the Employer at the Supplier Management Unit located within the Tender Distribution Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town (Tel 021 400 9242/3/4/5), or included with this tender. The tenderer must also provide its Tax Compliance Status PIN number on the **Compulsory Enterprise Questionnaire**

Each party to a Consortium/Joint Venture shall submit a separate Tax Clearance Certificate.

Tenderers are to note that the Employer will not award a contract to a Tenderer whose tax matters are not in order.

F.2.23.2 Broad-Based Black Economic Empowerment Status Level Documentation

In order to qualify for preference points, it is the responsibility of the tenderer to submit documentary proof, either as certificates or sworn affidavits, of its B-BBEE status level of contribution in accordance with the applicable Codes of good practise as issued by the Department of Trade and Industry, to the CCT at the Supplier Management Unit located within the Tender Distribution Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town (Tel 021 400 9242/3/4/5) or included with the tender submission.

Consortiums/Joint Ventures will qualify for preference points, provided that the **entity** submits the relevant certificate/scorecard in accordance with the applicable codes of good practise. Note that, in the case of unincorporated entities, a verified consolidated B-BBEE scorecard must be submitted in the form of a certificate with the tender.

Tenderers are further referred to the content of the **Preference Schedule** for the full terms and conditions applicable to the awarding of preference points.

The applicable code for this tender is the **Amended Codes of Good Practise (Generic Scorecard)** unless in possession of a valid sector certificate.

The tenderer shall indicate in Section 4 of the **Preference Schedule** the Level of Contribution in respect of the enterprise status or structure of the tendering entity (the supplier).

F.3 The Employer's undertakings

F.3.2 Issue Addenda

Add the following:

Notwithstanding any requests for confirmation of receipt of Addenda issued, the tenderer shall be deemed to have received such addenda if the employer can show proof of transmission thereof (or a notice in respect thereof) via electronic mail, facsimile or registered post.

F.3.4 Opening of tender submissions

Add the following to F.3.4.1:

F.3.4.1 The time and location for opening of the tender offers is:

Time: Tenders will be opened immediately after the closing time for receipt of tenders as stated in the Tender Notice and Invitation to Tender, or as stated in any Addendum extending the closing date.

Location: Tender Submission Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town.

F.3.8 Test for responsiveness

Replace sub-clause F.3.8.1 with the following:

F.3.8.1 Determine, after opening and before detailed evaluation, all tender offers properly received;

- a) complies with the requirements of the Conditions of Tender,
- b) has been properly and fully completed and signed, and
- c) is responsive to the other requirements of the tender documents.

Add the following two sub-clauses after F.3.8.2:

F.3.8.3 Tenders will be considered non-responsive if, inter alia:

- a) the tender is not in compliance with the Scope of Work;
- b) the tenderer does not comply with the CIDB registration (active status) and contractor grading designation specified in F.2.1.1.2 above;
- c) the tenderer has failed to clarify or submit any supporting documentation within the time for submission stated in the employer's written request as stated in F.2.17;
- d) the tenderer has failed to achieve the minimum score for quality as stated in F.2.1.1.3;
- e) the tenderer is not compliant with the requirements for local content as stated in F.2.1.1.4.

Tenders may also be declared non-responsive if it is determined on reasonable grounds or evidence that the tenders are submitted by:

- f) tenderers who, notwithstanding having submitted duly completed certificates of independent tender determination (Returnable Schedule 2), are nevertheless deemed to have knowledge of the contents of any other tenderer's offer;
- g) tenderers in a horizontal relationship which has the effect of substantially preventing or lessening competition in a market, subject to the exceptions as set out in section 4(1)(a) of the Competitions Act, 89 of 1998;
- h) tenderers who are presumed to be firms engaged in a restrictive horizontal practice as contemplated in section 4(1)(b) read with section 2 of the Competitions Act, 89 of 1998;
- i) tenderers in a vertical relationship which has the effect of substantially preventing or lessening competition in a market, subject to the exceptions as set out in section 5(1) of the Competitions Act, 89 of 1998.

F.3.8.4 The Employer reserves the right to accept a tender offer which does not, in the Employer's opinion, materially and/or substantially deviate from the terms, conditions, and specifications of the tender documents.

F.3.11 Evaluation of tender offers

F.3.11.1 General

Add the following:

The Employer shall adopt the following procedure when evaluating tender submissions:

- Step 1 (Only applicable where a minimum score for quality has been prescribed as a eligibility criterion). Evaluate all valid tender submissions in order to determine whether or not the minimum score for quality has been achieved. A tender will only be considered further if it achieves the required minimum quality score.
- Step 2 Conduct a preliminary ranking using **Method 2 Financial Offer and Preference** in accordance with F.3.11.3 a), b) and c) (excluding any tenders eliminated in Step 1)
- Step 3 Test three highest preliminary ranked tender offers for responsiveness, and reject any found to be non-responsive. Test additional tenders if necessary to ensure that a detailed evaluation of at least three responsive tenders is carried out, with Pm in Formula 2 (Option 1) (refer to F.3.11.7 below) being the most favourable comparative offer of the three.
- Step 4 Carry out a detailed evaluation of all of the highest preliminary ranked responsive tender offers as determined in Step 3.
- Step 5 Complete final ranking of tender offers and make a recommendation for award in accordance with F.3.11.3 c), d) and e). Note that, unless determined otherwise, all tender offers shall be deemed to be responsive and shall be included in the final ranking of tenders.

F.3.11.3 Method 2: Financial offer and preferences

Add the following to F.3.11.3 d):

Such reasons (objective criteria) include whether the recommended tenderer:

- a) has demonstrated that it has the necessary resources and skills required to fulfil its obligations in terms of the tender document;
- b) poses any commercial or legal risk to the City;
- c) is currently subject to action in accordance with the policy for combating abuse of the Supply Chain Management System.

F.3.11.7 Scoring Financial Offers

Add the following:

The financial offer will be scored using **Formula 2 (Option 1)** where the value of W_1 is **90** points

F.3.11.8 Scoring Preferences

Add the following:

Points will be awarded to tenderers who are eligible for preferences in terms of Schedule 19: Preferencing Schedule (where preferences are granted in respect of B-BBEE contribution) which is included in T2.2 Returnable Schedules.

The terms and conditions of Schedule 19 shall apply in all respects to the tender evaluation process and any subsequent contract.

Points for Preference

A maximum of 100 minus W_1 tender evaluation points will be awarded for preference to tenderers with responsive tenders, who are eligible for such preference, in accordance with the criteria listed below.

The Tenderer shall indicate on the **Preference Schedule** his or her company/firm/entity's B-BBEE status level of contributor.

Up to **10** tender evaluation points (N_p) will be awarded for the level of B-BBEE contribution, in accordance with the tables below:

Exempted Micro Enterprises (EMEs)

Black Ownership	Deemed B-BBEE Status Level of Contributor	Number of Points (N _p)
less than 51%	4	5
at least 51% but less than 100%	2	9
100%	1	10

Qualifying Small Enterprises (QSEs)

Black Ownership	Deemed B-BBEE Status Level of Contributor	Number of Points (N _p)
at least 51% but less than 100%	2	9
100%	1	10

B-BBEE Status Level of Contributor	Number of Points (N _p)
1	10
2	9
3	8
4	5
5	4
6	3
7	2
8	1
Non-compliant contributor ¹	0

¹ A non-compliant contributor is one who does not meet the minimum score for a level 8 contributor, or who is not verified in terms of the Construction Codes of Good Practice.

Add the following new sub-clause after F.3.11.9:

F.3.11.10

Risk Analysis

The employer will perform a risk analysis in respect of the following:

- reasonableness of the financial offer
- reasonableness of unit rates and prices
- the tenderer's ability to fulfill its obligations in terms of the tender document, that is, that the tenderer can demonstrate that he/she possesses the necessary professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, capacity, experience, reputation, personnel to perform the contract, etc.; the employer reserves the right to consider a tenderer's existing contracts with the City of Cape Town in this regard

No tenderer will be recommended for an award unless the tenderer has demonstrated to the satisfaction of the employer that he/she has the resources and skills required.

F3.13

Acceptance of tender offer

Add the following to F.3.13:

F.3.13.1

Tender offers will only be accepted if:

- the tenderer is registered and in good standing with the South African Revenue Service (SARS) and has submitted evidence in the form of an **original** valid Tax Clearance Certificate issued by SARS;
- the tenderer or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act, 12 of 2004 as a person prohibited from doing business with the public sector;
- the tenderer has not:
 - abused the Employer's Supply Chain Management System; or
 - failed to pay municipal rates and taxes or service charges and such rates, taxes and charges are not in arrears for more than three months;
- the tenderer has completed the Compulsory Enterprise Questionnaire and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process.

F.3.13.2 **Disputes, objections, complaints and queries**

In terms of Regulations 49 and 50 of the Local Government: Municipal Finance Management Act, 56 of 2003 – Municipal Supply Chain Management Regulations (Board Notice 868 of 2005):

- Persons aggrieved by decisions or actions taken by the City of Cape Town in the implementation of its supply chain management system, may lodge within 14 days of the

decision or action, a written objection or complaint or query or dispute against the decision or action.

- b) Objections, complaints, queries and disputes must be submitted in writing to the Manager: Statutory Compliance (Compliance and Auxiliary Services: Legal Services), 20th Floor, Tower Block, Civic Centre, 12 Hertzog Boulevard, Cape Town or posted to Private Bag X9181, Cape Town, 8000 or faxed to (021) 400 5830.

F.3.13.3 Appeals

- a) In terms of Section 62 of the Local Government: Municipal Systems Act, 32 of 2000 a person whose rights are affected by a decision taken by the City in the implementation of its supply chain management system, may appeal against that decision by giving written notice of the appeal and reasons to the City Manager within 21 days of the date of the notification of the decision.
- b) An appeal must contain the following:
 - i) Reasons and/or grounds for the appeal
 - ii) The way in which the appellants rights have been affected
 - iii) Remedy sought by appellant
- c) Appeals must be submitted in writing to the Manager: Statutory Compliance (Compliance and Auxiliary Services: Legal Services), 20th Floor, Tower Block, Civic Centre, 12 Hertzog Boulevard, Cape Town or posted by registered post to Private Bag X9181, Cape Town, 8000 or via fax at: 086 202 9981 or 021 400 5830.

F.3.13.4 Right to approach the courts and rights in terms of Promotion of Administrative Justice Act, 3 of 2000 and Promotion of Access to Information Act, 2 of 2000

Clauses F.3.13.2 and F.3.13.3 do not influence any affected person's rights to approach the High Court at any time or its rights in terms of the Promotion of Administrative Justice Act and Promotion of Access to Information Act.

- a) All legal process and pleadings must be served on the Administrative Manager (Compliance and Auxiliary Services: Legal Services), 20th Floor, Tower Block, Civic Centre, 12 Hertzog Boulevard, Cape Town.
- b) All requests in terms of PAJA and PAIA must be submitted in writing to the Manager: Statutory Compliance (Compliance and Auxiliary Services: Legal Services), 20th Floor, Tower Block, Civic Centre, 12 Hertzog Boulevard, Cape Town, or faxed to (021) 400 5830 or 086 202 9981, by e-mail to access2info.act@capetown.gov.za.

F.3.16 Notice to unsuccessful tenderers

Replace the heading above with:

Notice to successful and unsuccessful tenderers

Add the following to F.3.16.1:

- F.3.16.1 Before accepting the tender of the successful tenderer the Employer shall notify the successful tenderer in writing of the decision of the Employer's Bid Adjudication Committee to award the tender to the successful tenderer. No rights shall accrue to the successful tenderer in terms of this notice, and only once the processes described in F.3.13.2 and F.3.13.3 above have been completed can the Employer sign the Acceptance part of the Form of Offer and Acceptance.

Replace sub-clause F.3.16.2 with the following:

- F.3.16.2 The Employer shall, at the same time as notifying the successful tenderer of the Bid Adjudication Committee's decision to award the tender to the successful tenderer, also give written notice to the other tenderers informing them that they have been unsuccessful.

F.3.17 Provide copies of the contract

Add the following:

The number of paper copies of the signed contract to be provided by the Employer is one.

F.4 Additional Conditions of Tender

The additional conditions of tender are:

F.4.1 Compliance with Occupational Health and Safety Act 1993

Tenderers are to note the requirements of the Occupational Health and Safety Act, 85 of 1993 and the Construction Regulations, 2003 issued in terms of Section 43 of the Act. The tenderer shall be deemed to have read and fully understood the requirements of the above Act and Regulations and to have allowed for all costs in compliance therewith. Tenderers are to note that the Service

Provider is required to ensure that all sub-consultants/sub-contractors or others engaged in the performance of this contract also comply with the above requirements.

F.4.2 Claims arising after submission of tender

No claim for any extras arising out of any doubt or obscurity as to the true intent and meaning of anything contained in the Conditions of Contract, Scope of Work and Pricing Data, will be admitted by the Employer after the submission of any tender and the Tenderer shall be deemed to have:

- a) read and fully understood the whole text of the Contract Data, Scope of Work and Pricing Data and thoroughly acquainted himself with the nature of the works proposed and generally of all matters which may influence the Contract.
- b) visited the site of any proposed works.
- c) requested the Employer or his duly authorised agent to make clear the actual requirements of anything contained in the Scope of Work and Pricing Data, the exact meaning or interpretation of which is not clearly intelligible to the Tenderer.
- d) received any Addenda to the tender documents which have been issued in accordance with the Employer's Supply Chain Management Policy.

Before submission of any tender, the Tenderer should check the number of pages, and if any are found to be missing or duplicated, or the figures or writing indistinct, or if the Pricing Data contain any obvious errors, the Tenderer must apply to the Employer's Agent at once to have the same rectified, as no liability will be admitted by the Employer in respect of errors in any tender due to the foregoing.

F.4.3 Imbalance in tendered rates

In the event of tendered rates or lump sums being declared by the Employer to be unacceptable to it because they are not priced, either excessively low or high, or not in proper balance with other rates or lump sums, the Tenderer may be required to produce evidence and advance arguments in support of the tendered rates or lump sums objected to. If, after submission of such evidence and any further evidence requested, the Employer is still not satisfied with the tendered rates or lump sums objected to, it may request the Tenderer to amend these rates and lump sums along the lines indicated by it.

The Tenderer will then have the option to alter and/or amend the rates and lump sums objected to and such other related amounts as are agreed on by the Employer, but this shall be done without altering the tender offer as tendered or, if applicable, the corrected total of prices in accordance with F.3.9.3.

Should the Tenderer fail to amend his tender in a manner acceptable to and within the time stated by the Employer, the Employer may reject the Tender.

F.4.4 Invalid tenders

Tenders shall be considered invalid by the Bid Evaluation Committee if:

- a) the tender offer (including the tender price/amount) is not submitted on the Form of Offer and Acceptance (form C1.1, Part C1: Agreements and Contract Data);
- b) the returnable document is not completed in non-erasable handwritten, or printed, ink or toner;
- c) the Form of Offer and Acceptance has not been signed with an original signature;
- d) the Form of Offer and Acceptance is signed, but the name of the tenderer is not stated or is indecipherable;
- e) in a two envelope system, the tenderer fails to submit a separately sealed financial offer.

F.4.5 Negotiations with preferred tenderers

The Employer may negotiate the final terms of a contract with tenderers identified through a competitive tendering process as preferred tenderers provided that such negotiation:

- a) does not allow any preferred tenderer a second or unfair opportunity;
- b) is not to the detriment of any other tenderer; and
- c) does not lead to a higher price than the tender as submitted.

If negotiations fail to result in acceptable contract terms, the Employer may terminate the negotiations and invite the next ranked tenderer for negotiations. The original preferred tenderer will be informed of the reasons for termination of the negotiations. Once negotiations are commenced with the next ranked tenderer, the Employer will not re-open earlier negotiations.

Minutes of any such negotiations shall be kept for record purposes.

F.4.6 General supply chain management conditions applicable to tenders

In terms of its Supply Chain Management Policy the Employer may not consider a tender unless the provider who submitted the tender:

- a) has furnished the Employer with that provider's:
 - i) full name;

- ii) identification number or company or other registration number; and
- iii) tax reference number and VAT registration number, if any;
- b) has indicated whether:
 - i) the provider is in the service of the state, or has been in the service of the state in the previous twelve months;
 - ii) if the provider is not a natural person, whether any of the directors, managers, principal shareholders or stakeholders is in the service of the state, or has been in the service of the state in the previous twelve months; or
 - iii) whether a spouse, child or parent of the provider or of a director, manager, shareholder or stakeholder referred to above is in the service of the state, or has been in the service of the state in the previous twelve months.
- c) has attended a compulsory clarification meeting, where applicable.

Irrespective of the procurement process followed, the Employer is prohibited from making an award to:

- d) a person who is in the service of the state;
- e) a juristic entity of which any director, manager, principal shareholder or stakeholder is in the service of the state;
- f) an advisor or consultant contracted with the Employer; or
- g) a person, advisor or corporate entity involved with the bid specification committee, or a director of such corporate entity. "Involved with the bid specification committee" includes where a person, advisor or corporate entity (or its director) was involved in the initial stages of the project which resulted in the specification; and they are therefore prohibited from tendering for resulting contracts.

In this regard, tenderers shall complete Schedule 1, Part T2.2: Returnable Schedules: Compulsory Enterprise Questionnaire. Failure to complete this schedule may result in the tender not being considered.

F.4.7 Combating abuse of the Supply Chain Management Policy

In terms of the its Supply Chain Management Policy, the Employer may reject the tender of any tenderer if that tenderer or any of its directors has:

- a) failed to pay municipal rates and taxes or municipal service charges and such rates, taxes and charges are in arrears for more than three months;
- b) failed, during the last five years, to perform satisfactorily on a previous contract with the Employer or any other organ of state after written notice was given to that tenderer that performance was unsatisfactory;
- c) abused the supply chain management system of the Employer or has committed any improper conduct in relation to this system;
- d) been convicted of fraud or corruption during the past five years;
- e) wilfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
- f) been listed with the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act, 12 of 2004 or has been listed on National Treasury's Database of Restricted Suppliers as a person or juristic entity prohibited from doing business with the public sector.

In this regard, tenderers shall complete Schedules 2 and 4, Part T2.2: Returnable Schedules: Certificate of Independent Tender Determination and Declaration of Tenderer's past Supply Chain Management Practices, respectively. Failure to complete these schedules may result in the tender not being considered.

F.4.8 UIF payments

The Tenderer shall submit to the Employer a letter from the Industrial Council indicating his good standing with regard to UIF payments upon being requested to do so.

F.4.9 Consultancy services provided to organs of state

In terms the Municipal Supply Chain Management Regulations (Board Notice 868 of 2005), and the Employer's Supply Chain Management Policy, tenderers must furnish the Employer with particulars of all consultancy services provided to an organ of state in the last five years, and of any similar services provided to an organ of state in the last five years. The information required is not limited to the local office only, but should include services provided by all offices country wide.

In this regard, tenderers shall complete Schedule 7, Part T2.2: Returnable Schedules: Consultancy Services Provided to Organs of State. Failure to complete this schedule may result in the tender not being considered.

F.4.10 Requests for contract documents, or parts thereof, in electronic format

The Employer shall not formally issue tender documents in electronic format as contemplated in F.2.13.2 and F.2.13.3 and shall only issue tender documents in hardcopy. An electronic version of the issued tender documents may be made available to the tenderer, upon written request in terms of this clause, subject to the following:

- a) Electronic copies of the issued tender documents, or parts thereof, will only be provided to tenderers who have been issued with the tender documents as contemplated in F.1.2 in hardcopy.
- b) The electronic version shall not be regarded as a substitute for the issued tender documents.
- c) The Employer shall not accept tenders submitted in electronic format. Only those tenders that have been completed on the issued hard copy tender document shall be considered, provided that printed Activity Schedules, in the same format (that is layout, scheduled items and quantities) as those issued electronically by the Employer, may be submitted with the tender as stated in F.2.13.2. Where Addenda have been issued which amend the Activity Schedule, then the printed Activity Schedule shall take these into account. The pages of the issued Activity Schedule should not be removed from the tender document.
- d) The Employer accepts no responsibility or liability arising from any reliance on or use of the electronic version provided in terms of this clause. The Employer further does not guarantee that the electronic version corresponds with the issued tender documents in all respects. Tenderers are alerted to the fact that electronic versions of the tender documents may not reflect any notices or addenda that amend the tender document.
- e) Any non-compliance with these provisions, including effecting any unauthorised alterations to the tender documents as contemplated in F.2.11, shall render the tender non-responsive. The Employer reserves the right to take any action against such tenderer allowed in law including, in circumstances where the tender had already been awarded, the right to cancel the contract.
- f) In requesting the electronic version of the tender documents or parts thereof, the tenderer is deemed to have read, understood and accepted all of the above conditions.

F.4.11

Contracts having future budgetary implications

As this project will exceed the current budget cycle, it is subject to Section 33 of the Municipal Finance Management Act, 56 of 2003, and consequently the Employer must follow the required processes in terms of Section 33. These will run concurrently with the procurement process for this tender/contract.

Annex F
(normative)

Standard Conditions of Tender

F.1 General

F.1.1 Actions

F.1.1.1 The employer and each tenderer submitting a tender offer shall comply with these conditions of tender. In their dealings with each other, they shall discharge their duties and obligations as set out in F.2 and F.3, timeously and with integrity, and behave equitably, honestly and transparently, comply with all legal obligations and not engage in anticompetitive practices.

F.1.1.2 The employer and the tenderer and all their agents and employees involved in the tender process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Tenderers shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process at the start of any deliberations relating to the procurement process or as soon as they become aware of such conflict, and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate.

- Note:
- 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.
 - 2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.

F.1.1.3 The employer shall not seek and a tenderer shall not submit a tender without having a firm intention and the capacity to proceed with the contract.

F.1.2 Tender Documents

The documents issued by the employer for the purpose of a tender offer are listed in the tender data.

F.1.3 Interpretation

F.1.3.1 The tender data and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of tender.

F.1.3.2 These conditions of tender, the tender data and tender schedules which are only required for tender evaluation purposes, shall not form part of any contract arising from the invitation to tender.

F.1.3.3 For the purposes of these conditions of tender, the following definitions apply:

- a) **conflict of interest** means any situation in which:
 - i) someone in a position of trust has competing professional or personal interests which make it difficult to fulfil his or her duties impartially;
 - ii) an individual or organisation is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or
 - iii) incompatibility or contradictory interests exist between an employee and the organisation which employs that employee.
- b) **comparative offer** means the tenderer's financial offer after all tendered parameters that will affect the value of the financial offer have been taken into consideration in order to enable comparisons to be made between offers on a comparative basis
- c) **corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process; and
- d) **fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels
- e) **organization** means a company, firm, enterprise, association or other legal entity, whether incorporated or not, or a public body

- f) quality (functionality) means the totality of features and characteristics of a product or service that bear on its ability to satisfy stated or implied needs.

F.1.4 Communication and employer's agent

Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be readily read, copied and recorded. Communication shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated in the tender data.

F.1.5 The employer's right to accept or reject any tender offer

F.1.5.1 The employer may accept or reject any variation, deviation, tender offer, or alternative tender offer, and may cancel the tender process and reject all tender offers at any time before the formation of a contract. The employer shall not accept or incur any liability to a tenderer for such cancellation and rejection, but will give written reasons for such action upon written request to do so.

F.1.5.2 The employer may not subsequent to the cancellation or abandonment of a tender process or the rejection of all responsive tender offers re-issue a tender covering substantially the same scope of work within a period of six months unless only one tender was received and such tender was returned unopened to the tenderer.

F.1.6 Procurement procedures

F.1.6.1 General

Unless otherwise stated in the tender data, a contract will, subject to F.3.13, be concluded with the tenderer who in terms of F.3.11 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.

F.1.6.2 Competitive negotiation procedure

F.1.6.2.1 Where the tender data require that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of F.3.4, the employer shall announce only the names of the tenderers who make a submission. The requirements of F.3.8 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.

F.1.6.2.2 All responsive tenderers, or not less than three responsive tenderers that are highest ranked in terms of the evaluation method and evaluation criteria stated in the tender data, shall be invited in each round to enter into competitive negotiations, based on the principle of equal treatment and keeping confidential the proposed solutions and associated information. Notwithstanding the provisions of F.2.17, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.

F.1.6.2.3 At the conclusion of each round of negotiations, tenderers shall be invited by the employer to make a fresh tender offer, based on the same evaluation criteria, with or without adjusted weightings. Tenderers shall be advised when they are to submit their best and final offer.

F.1.6.2.4 The contract shall be awarded in accordance with the provisions of F.3.11 and F.3.13 after tenderers have been requested to submit their best and final offer.

F.1.6.3 Proposal procedure using the two stage-system

F.1.6.3.1 Option 1

Tenderers shall in the first stage submit technical proposals and, if required, cost parameters around which a contract may be negotiated. The employer shall evaluate each responsive submission in terms of the method of evaluation stated in the tender data, and in the second stage negotiate a contract with the tenderer scoring the highest number of evaluation points and award the contract in terms of these conditions of tender.

F.1.6.3.2 Option 2

F.1.6.3.2.1 Tenderers shall submit in the first stage only technical proposals. The employer shall invite all responsive tenderers to submit tender offers in the second stage, following the issuing of procurement documents.

F.1.6.3.2.2 The employer shall evaluate tenders received during the second stage in terms of the method of evaluation stated in the tender data, and award the contract in terms of these conditions of tender.

F.2 Tenderer's obligations

F.2.1 Eligibility

F.2.1.1 Submit a tender offer only if the tenderer satisfies the criteria stated in the tender data and the tenderer, or any of his principals, is not under any restriction to do business with employer.

F.2.1.2 Notify the employer of any proposed material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used by the employer as the basis in a prior process to invite the tenderer to submit a tender offer and obtain the employer's written approval to do so prior to the closing time for tenders.

F.2.2 Cost of tendering

Accept that, unless otherwise stated in the tender data, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements.

F.2.3 Check documents

Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.

F.2.4 Confidentiality and copyright of documents

Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.

F.2.5 Reference documents

Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference.

F.2.6 Acknowledge addenda

Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.

F.2.7 Clarification meeting

Attend, where required, a clarification meeting at which tenderers may familiarize themselves with aspects of the proposed work, services or supply and raise questions. Details of the meeting(s) are stated in the tender data.

F.2.8 Seek clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five working days before the closing time stated in the tender data.

F.2.9 Insurance

Be aware that the extent of insurance to be provided by the employer (if any) might not be for the full cover required in terms of the conditions of contract identified in the contract data. The tenderer is advised to seek qualified advice regarding insurance.

F.2.10 Pricing the tender offer

F.2.10.1 Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes (except Value Added Tax (VAT), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable 14 days before the closing time stated in the tender data.

F.2.10.2 Show VAT payable by the employer separately as an addition to the tendered total of the prices.

F.2.10.3 Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data.

F.2.10.4 State the rates and prices in Rand unless instructed otherwise in the tender data. The conditions of contract identified in the contract data may provide for part payment in other currencies.

F.2.11 Alterations to documents

Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations. Erasures and the use of masking fluid are prohibited.

F.2.12 Alternative tender offers

F.2.12.1 Unless otherwise stated in the tender data submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted. The alternative tender offer is to be submitted with the main tender offer together with a schedule that compares the requirements of the tender documents with the alternative requirements the tenderer proposes.

F.2.12.2 Accept that an alternative tender offer may be based only on the criteria stated in the tender data or criteria otherwise acceptable to the employer.

F.2.13 Submitting a tender offer

F.2.13.1 Submit one tender offer only, either as a single tendering entity or as a member in a joint venture to provide the whole of the works, services or supply identified in the contract data and described in the scope of works, unless stated otherwise in the tender data.

F.2.13.2 Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing legibly in non-erasable ink.

F.2.13.3 Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer.

F.2.13.4 Sign the original and all copies of the tender offer where required in terms of the tender data. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.

F.2.13.5 Seal the original and each copy of the tender offer as separate packages marking the packages as "ORIGINAL" and "COPY". Each package shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.

F.2.13.6 Where a two-envelope system is required in terms of the tender data, place and seal the returnable documents listed in the tender data in an envelope marked "financial proposal" and place the remaining returnable documents in an envelope marked "technical proposal". Each envelope shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.

F.2.13.7 Seal the original tender offer and copy packages together in an outer package that states on the outside only the employer's address and identification details as stated in the tender data.

F.2.13.8 Accept that the employer shall not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.

F.2.13.9 Accept that tender offers submitted by facsimile or e-mail will be rejected by the employer, unless stated otherwise in the tender data.

F.2.14 Information and data to be completed in all respects

Accept that tender offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the employer as non-responsive.

F.2.15 Closing time

F.2.15.1 Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Accept that proof of posting shall not be accepted as proof of delivery.

F.2.15.2 Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of these conditions of tender apply equally to the extended deadline.

F.2.16 Tender offer validity

F.2.16.1 Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data.

F.2.16.2 If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period with or without any conditions attached to such extension.

F.2.16.3 Accept that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted.

F.2.16.4 Where a tender submission is to be substituted, submit a substitute tender in accordance with the requirements of F.2.13 with the packages clearly marked as "SUBSTITUTE".

F.2.17 Clarification of tender offer after submission

Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.

Note: Sub-clause F.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.

F.2.18 Provide other material

F.2.18.1 Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive.

F.2.18.2 Dispose of samples of materials provided for evaluation by the employer, where required.

F.2.19 Inspections, tests and analysis

Provide access during working hours to premises for inspections, tests and analysis as provided for in the tender data.

F.2.20 Submit securities, bonds, policies, etc.

If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the contract data.

F.2.21 Check final draft

Check the final draft of the contract provided by the employer within the time available for the employer to issue the contract.

F.2.22 Return of other tender documents

If so instructed by the employer, return all retained tender documents within 28 days after the expiry of the validity period stated in the tender data.

F.2.23 Certificates

Include in the tender submission or provide the employer with any certificates as stated in the tender data.

F.3 The Employer's undertakings

F.3.1 Respond to requests from the tenderer

F.3.1.1 Unless otherwise stated in the Tender Data, respond to a request for clarification received up to five working days before the tender closing time stated in the Tender Data and notify all tenderers who drew procurement documents.

F.3.1.2 Consider any request to make a material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used to prequalify a tenderer to submit a tender offer in terms of a previous procurement process and deny any such request if as a consequence:

- a) an individual firm, or a joint venture as a whole, or any individual member of the joint venture fails to meet any of the collective or individual qualifying requirements;
- b) the new partners to a joint venture were not prequalified in the first instance, either as individual firms or as another joint venture; or
- c) in the opinion of the Employer, acceptance of the material change would compromise the outcome of the prequalification process.

F.3.2 Issue Addenda

If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date the tender documents are available until three working days before the tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such extension and, shall then notify all tenderers who drew documents.

F.3.3 Return late tender offers

Return tender offers received after the closing time stated in the Tender Data, unopened, (unless it is necessary to open a tender submission to obtain a forwarding address), to the tenderer concerned.

F.3.4 Opening of tender submissions

F.3.4.1 Unless the two-envelope system is to be followed, open valid tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.

F.3.4.2 Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the tender data, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, preferences claimed and time for completion for the main tender offer only.

F.3.4.3 Make available the record outlined in F.3.4.2 to all interested persons upon request.

F.3.5 Two-envelope system

F.3.5.1 Where stated in the tender data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data and announce the name of each tenderer whose technical proposal is opened.

F.3.5.2 Evaluate the quality of the technical proposals offered by tenderers, then advise tenderers who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of tenderers, who score in the quality evaluation more than the minimum number of points for quality stated in the tender data, and announce the score obtained for the technical proposals and the total price and any preferences claimed. Return unopened financial proposals to tenderers whose technical proposals failed to achieve the minimum number of points for quality.

F.3.6 Non-disclosure

Not disclose to tenderers, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.

F.3.7 Grounds for rejection and disqualification

Determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.

F.3.8 Test for responsiveness

F.3.8.1 Determine, after opening and before detailed evaluation, whether each tender offer properly received:

- a) Complies with the requirements of these Conditions of Tender,
- b) has been properly and fully completed and signed, and
- c) is responsive to the other requirements of the tender documents.

F.3.8.2 A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would:

- a) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work,
- b) significantly change the Employer's or the tenderer's risks and responsibilities under the contract, or
- c) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified.

Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.

F.3.9 Arithmetic errors, omissions and discrepancies

F.3.9.1 Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.

F.3.9.2 Check the highest ranked tender or tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with F.3.11 for:

- a) the gross misplacement of the decimal point in any unit rate;
- b) omissions made in completing the pricing schedule or bills of quantities; or
- c) arithmetic errors in:
 - i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or
 - ii) the summation of the prices.

F.3.9.3 Notify the tenderer of all errors or omissions that are identified in the tender offer and either confirm the tender offer as tendered or accept the corrected total of prices.

F.3.9.4 Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows:

- a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.
- b) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.

F.3.10 Clarification of a tender offer

Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.

F.3.11 Evaluation of tender offers

F.3.11.1 General

Appoint an evaluation panel of not less than three persons. Reduce each responsive tender offer to a comparative offer and evaluate them using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the tender data.

F.3.11.2 Method 1: Financial offer

In the case of a financial offer:

- a) Rank tender offers from the most favourable to the least favourable comparative offer.
- b) Recommend the highest ranked tenderer for the award of the contract, unless there are compelling and justifiable reasons not to do so.
- c) Re-rank all tenderers should there be compelling and justifiable reasons not to recommend the highest ranked tenderer and recommend the highest ranked tenderer, unless there are compelling and justifiable reasons not to do so and the process set out in this subclause is repeated.

F.3.11.3 Method 2: Financial offer and preference

In the case of a financial offer and preferences:

- a) Score each tender in respect of the financial offer made and preferences claimed, if any, in accordance with the provisions of F.3.11.7 and F.3.11.8.
- b) Calculate the total number of tender evaluation points (T_{EV}) in accordance with the following formula:

$$T_{EV} = N_{FO} + N_P$$

where: N_{FO} is the number of tender evaluation points awarded for the financial offer made in accordance with F.3.11.7;
 N_P is the number of tender evaluation points awarded for preferences claimed in accordance with F.3.11.8.

- c) Rank tender offers from the highest number of tender evaluation points to the lowest.
- d) Recommend the tenderer with the highest number of tender evaluation points for the award of the contract, unless there are compelling and justifiable reasons not to do so.
- e) Rescore and re-rank all tenderers should there be compelling and justifiable reasons not to recommend the tenderer with the highest number of tender evaluation points, and recommend the tenderer with the highest number of tender evaluation points, unless there are compelling and justifiable reasons not to do so and the process set out in this subclause is repeated.

F.3.11.4 Method 3: Financial offer and quality

In the case of a financial offer and quality:

- a) Score each tender in respect of the financial offer made and the quality offered in accordance with the provisions of F.3.11.7 and F.3.11.9, rejecting all tender offers that fail to score the minimum number of points for quality stated in the tender data, if any.
- b) Calculate the total number of tender evaluation points (T_{EV}) in accordance with the following formula:

$$T_{EV} = N_{FO} + N_Q$$

where: N_{FO} is the number of tender evaluation points awarded for the financial offer made in accordance with F.3.11.7;
 N_Q is the number of tender evaluation points awarded for quality offered in accordance with F.3.11.9.

- c) Rank tender offers from the highest number of tender evaluation points to the lowest.
- d) Recommend tenderer with the highest number of tender evaluation points for the award of the contract, unless there are compelling and justifiable reasons not to do so.
- e) Rescore and re-rank all tenderers should there be compelling and justifiable reasons not to recommend the tenderer with the highest number of tender evaluation points and recommend the tenderer with the highest number of tender evaluation points, unless there are compelling and justifiable reasons not to do so and the process set out in this subclause is repeated.

F.3.11.5 Method 4: Financial offer, quality and preferences

In the case of a financial offer, quality and preferences:

- a) Score each tender in respect of the financial offer made, preference claimed, if any, and the quality offered in accordance with the provisions of F.3.11.7 to F.3.11.9, rejecting all tender offers that fail to score the minimum number of points for quality stated in the tender data, if any.
- b) Calculate the total number of tender evaluation points (T_{EV}) in accordance with the following formula, unless otherwise stated in the Tender Data:

$$T_{EV} = N_{FO} + N_P + N_Q$$

where: N_{FO} is the number of tender evaluation points awarded for the financial offer made in accordance with F.3.11.7;
 N_P is the number of tender evaluation points awarded for preferences claimed in accordance with F.3.11.8;
 N_Q is the number of tender evaluation points awarded for quality offered in accordance with F.3.11.9.

- c) Rank tender offers from the highest number of tender evaluation points to the lowest.
- d) Recommend the tenderer with the highest number of tender evaluation points for the award of the contract, unless there are compelling and justifiable reasons not to do so.
- e) Rescore and re-rank all tenderers should there be compelling and justifiable reasons not to recommend the tenderer with the highest number of tender evaluation points and recommend the tenderer with the highest number of tender evaluation points, unless there are compelling and justifiable reasons not to do so and the process set out in this subclause is repeated.

F.3.11.6 Decimal places

Score financial offers, preferences and quality, as relevant, to two decimal places.

F.3.11.7 Scoring Financial Offers

Score the financial offers of remaining responsive tender offers using the following formula:

$$N_{FO} = W_1 \times A$$

where: N_{FO} is the number of tender evaluation points awarded for the financial offer.
 W_1 is the maximum possible number of tender evaluation points awarded for the financial offer as stated in the Tender Data.
 A is a number calculated using the formula and option described in Table F.1 as stated in the Tender Data.

Table F.1: Formulae for calculating the value of A

Formula	Comparison aimed at achieving	Option 1 ^a	Option 2 ^a
1	Highest price or discount	$A = (1 + \frac{(P - P_m)}{P_m})$	$A = P/P_m$
2	Lowest price or percentage commission/ fee	$A = (1 - \frac{(P - P_m)}{P_m})$	$A = P_m/P$
^a $\frac{P_m}{P}$ is the comparative offer of the most favourable comparative offer. P is the comparative offer of the tender offer under consideration.			

F.3.11.8 Scoring preferences

Confirm that tenderers are eligible for the preferences claimed in accordance with the provisions of the tender data and reject all claims for preferences where tenderers are not eligible for such preferences.

Calculate the total number of tender evaluation points for preferences claimed in accordance with the provisions of the tender data.

F.3.11.9 Scoring quality

Score each of the criteria and subcriteria for quality in accordance with the provisions of the Tender Data.

Calculate the total number of tender evaluation points for quality using the following formula:

$$N_Q = W_2 \times S_Q / M_S$$

where: S_Q is the score for quality allocated to the submission under consideration;
 M_S is the maximum possible score for quality in respect of a submission; and
 W_2 is the maximum possible number of tender evaluation points awarded for the quality as stated in the tender data.

F.3.12 Insurance provided by the employer

If requested by the proposed successful tenderer, submit for the tenderer's information the policies and/or certificates of insurance which the conditions of contract identified in the contract data, require the employer to provide.

F.3.13 Acceptance of tender offer

Accept the tender offer, if in the opinion of the employer, it does not present any unacceptable commercial risk and only if the tenderer:

- is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement,

- b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract,
- c) has the legal capacity to enter into the contract,
- d) is not insolvent, in receivership, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of any of the foregoing,
- e) complies with the legal requirements, if any, stated in the tender data, and
- f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

F.3.14. Prepare contract documents

F.3.14.1 If necessary, revise documents that shall form part of the contract and that were issued by the employer as part of the tender documents to take account of:

- a) addenda issued during the tender period,
- b) inclusion of some of the returnable documents, and
- c) other revisions agreed between the employer and the successful tenderer.

F.3.14.2 Complete the schedule of deviations attached to the form of offer and acceptance, if any.

F.3.15 Complete adjudicator's contract

Unless alternative arrangements have been agreed or otherwise provided for in the contract, arrange for both parties to complete formalities for appointing the selected adjudicator at the same time as the main contract is signed.

F.3.16 Notice to unsuccessful tenderers

F.3.16.1 Notify the successful tenderer of the employer's acceptance of his tender offer by completing and returning one copy of the form of offer and acceptance before the expiry of the validity period stated in the tender data, or agreed additional period.

F.3.16.2 After the successful tenderer has been notified of the employer's acceptance of the tender, notify other tenderers that their tender offers have not been accepted.

F.3.17 Provide copies of the contracts

Provide to the successful tenderer the number of copies stated in the Tender Data of the signed copy of the contract as soon as possible after completion and signing of the form of offer and acceptance.

F.3.18 Provide written reasons for actions taken

Provide upon request written reasons to tenderers for any action that is taken in applying these conditions of tender, but withhold information which is not in the public interest to be divulged, which is considered to prejudice the legitimate commercial interests of tenderers or might prejudice fair competition between tenderers.

Part T2 : Returnable Documents

	Pages
T2.1 List of Returnable Documents	31
T2.2 Returnable Schedules	32 – 57

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

T2.1 List of Returnable Documents

The tenderer must complete the following Returnable Documents in non-erasable **black ink**:

1. Returnable Schedules required for tender evaluation purposes

	Pages
1: COMPULSORY ENTERPRISE QUESTIONNAIRE.....	32 – 34
2: CERTIFICATE OF INDEPENDENT TENDER DETERMINATION	35 – 36
3: CERTIFICATE OF AUTHORITY FOR JOINT VENTURES	37
4: DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES.....	38
5: CERTIFICATE FOR MUNICIPAL SERVICES AND PAYMENTS TO SERVICE PROVIDER.....	39
6: CONFIRMATION OF CCT SUPPLIER DATABASE REGISTRATION	40
7: CONSULTANCY SERVICES PROVIDED TO ORGANS OF STATE.....	41
8: PROPOSED AMENDMENTS AND QUALIFICATIONS BY TENDERER.....	42
9: KEY PERSONNEL	43 – 44
10: SUPPORT RESOURCES.....	45
11: PROFESSIONAL INDEMNITY INSURANCE	46
12: TRACK RECORD.....	47
13: PROPOSED WORK PLAN.....	48
14: ISO 9001: 2008 CERTIFICATION	49
15: OTHER CRITERIA.....	50

2. Other documents required for tender evaluation purposes

- a) Joint Venture Agreement (if applicable) - append to Schedule 3.
- b) Curriculum Vitae of Key Personnel as applicable - append to Schedule 9.
- c) Documentary evidence/proof of Professional Indemnity Insurance - append to Schedule 11.
- d) A proposed work plan - append to Schedule 13.
- e) Documentary evidence/proof of ISO 9001: 2008 certification - append to Schedule 14.

3. Returnable Schedules that will be incorporated into the Contract

16: PERSONNEL SCHEDULE (OTHER THAN KEY PERSONNEL)	51
17: AUTHORISATION FOR THE DEDUCTION OF OUTSTANDING AMOUNTS OWED TO THE CITY OF CAPE TOWN.....	52
18: RECORD OF ADDENDA TO TENDER DOCUMENTS	53

4. Other documents that will be incorporated into the contract

19: PREFERENCING SCHEDULE (where preferences are granted in respect of B-BBEE contribution)	54 – 57
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5. C1.1 The offer portion of the C1.1 Offer and Acceptance

6. C1.2 Contract Data (Part 2)

7. C2.2 Activity Schedule

NOTE: Printed Activity Schedules, in the same format (that is, layout, scheduled items and quantities) as those issued electronically by the Employer on request, may be submitted with the tender as stated in F.2.13.2 in the Tender Data.

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

T2.2 Returnable Schedules

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE 1: COMPULSORY ENTERPRISE QUESTIONNAIRE

The following particulars must be furnished. In the case of a joint venture, **separate** enterprise questionnaires in respect of each partner must be completed and submitted.

Section 1: Name of enterprise: SMEC SOUTH AFRICA (PTY) LTD
Physical address of enterprise: 65 RIEBEEK STREET
(LOCAL OFFICE) CAPE TOWN
8001

Section 2: VAT registration number, if any: 466 015 2025

Section 2a: National Treasury Central Supplier Database registration number: MAAA0009272

Section 2b: SARS Tax Compliance Status PIN: 024794661D

Section 3: CIDB registration number, if any: N/A

Section 4: Particulars of sole proprietors and partners in partnerships

Name*	Identity number*	Personal income tax number*

* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners

Section 5: Particulars of companies and close corporations



South African Revenue Service

Tax Clearance Certificate Number
0064/2/2015/0007834163

Tax Clearance Certificate - Good Standing

Enquiries

0800 00 7277

Approved Date

2015-12-07

Expiry Date

2016-12-06

Company Registration Number

1989/007013/07

Income Tax

9400061645 - SMEC SOUTH AFRICA (PTY) LTD

VAT/Diesel Registration

4660152085 - SMEC South Africa (Pty) Ltd

PAYE Registration

7670713488 - SMEC SOUTH AFRICA PTY LTD

UIF Registration

U670713488 - SMEC SOUTH AFRICA PTY LTD

SDL Registration

L670713488 - SMEC SOUTH AFRICA PTY LTD

Trading Name

SMEC South Africa (Pty) Ltd

Tender Number

GoodStanding

It is hereby confirmed that, on the basis of the information at my disposal, the above-mentioned taxpayer has complied with the requirements as set out in section 256(3) of the Tax Administration Act.

This certificate is valid for a period of 12 months unless otherwise communicated by SARS.

Verification of this certificate can be done at any SARS Revenue office nationwide.

Photo copies of this certificate are not valid.

SARS reserves the right to withdraw this certificate at any time should any taxes, levies or duties become due and outstanding by the above taxpayer during the one year period for which the certificate is valid.

This certificate is issued free of charge by SARS.

**TAX COMPLIANCE STATUS****PIN Issued**

SMEC SOUTH AFRICA (PTY) LTD
230 ALBERTUS STREET
LA MONTAGNE
0184

Enquiries should be addressed to SARS:

Contact Detail

SARS
Alberton
1528

Contact Centre Tel: 0800 00 SARS (7277)
SARS online: www.sars.gov.za

Details

Taxpayer Reference Number: 9400061645

Case Number:

Issue Date:

2016/05/04

Always quote this reference
number when contacting SARS

Dear Taxpayer

TAX COMPLIANCE STATUS PIN ISSUED

The South African Revenue Service (SARS) has issued your tax compliance status (TCS) PIN as indicated below:

TCS Details:	
Taxpayer Name	Smec South Africa (Pty) Ltd
Trading Name	SMEC SOUTH AFRICA (PTY) LTD
Tax Reference Number(s)	IT - 9400061645 Vat - 4880152085 PAYE - 7670713488
Purpose of Request	Tender
Request Reference Number	0007931833TS0405161340141
PIN	D1146F961M
PIN Expiry Date	04/05/2017

You may authorise a third party to view your TCS by providing them the PIN. The PIN only allows the third party access to your TCS. All other tax information remains secure.

Your TCS displayed is based on your compliance as at the date and time the PIN is used.

You may cancel this PIN at any time before the expiry date reflected above. Once cancelled, a third party will not be able to verify your TCS.

SARS reserves the right to cancel this PIN in the event that it was fraudulently issued or obtained.

Should you have any other queries please call the SARS Contact Centre on 0800 00 SARS (7277). Remember to have your taxpayer reference number at hand when you call to enable us to assist you promptly.

Sincerely

ISSUED ON BEHALF OF THE SOUTH AFRICAN REVENUE SERVICE



Name: SMEC SOUTH AFRICA (PTY) LT
Tax reference No: 9400061645
Form ID: RFDYCS
Content Version: v2013.01.01
Timestamp: 10852890
Year: 2016
Page of Page: 01/01
Template version: v2013.01.01



Local People. Global Experience.

230 Albertus Street
La Montagne Pretoria 0184 South Africa
(PO Box 1641 Pretoria 0001 South Africa)
T +27 12 481 3800 F +27 12 803 4411 E southafrica@smec.com
www.smec.com

RESOLUTION

By resolution of the Board of Directors passed on 06 July 2016, it is resolved that the Board delegates the following powers:

TENDERING AND CONTRACTUAL COMMITMENTS

The Chief Executive Officer, Chief Operating Officer – Africa Division, Sector General Manager, Operations Manager, Functional General Manager, Function Manager, Section Manager or Regional Manager may sign a tender or contract on behalf of SMEC South Africa (Pty) Ltd subject to the following tender price limits:

Designation	Maximum Tender Price
Chief Executive Officer and Chief Operating Officer, Africa Division	R400,000,000
Sector General Manager and Operations Manager	R200,000,000
Functional General Manager	R100,000,000
Function Manager	R15,000,000
Section Manager	R2,000,000
Regional Manager	R1,000,000

Where the tender stipulates that the person needs to be authorised by the Board to sign, the signatory may request a Letter of Authority to sign from the Chief Executive Officer, Chief Operating Officer – Africa Division, Sector General Manager, Operations Manager, Functional General Manager, Function Manager, Section Manager or Regional Manager who, in accordance with the above limits, may grant such authority on behalf of the Board.

Signed by the Executive Directors on this 06th day of July 2016:

DR T MARSHALL
CHIEF OPERATING OFFICER

AR GOODWIN

A MCKENDRICK

MI AMOFA

T MOLOPE

K MANICUM

Signed by the Non-Executive Directors on this 06th day of July 2016:

DR NM PHOSA
CHAIRMAN

Directors: Dr NM Phosa (Chairman), Dr T Marshall (COO), AR Goodwin
A McKendrick, K Manicum, T Molohe, MI Amofa

Registration Number: 1989/007013/07



Local People. Global Experience.

BOARD OF DIRECTORS PERSONAL INFORMATION INCLUDING SHAREHOLDING AS AT MAY 2016

Surname	First Name(s)	ID Number	Personal Income Tax Number	RGB Status	Place	Disability (Y/N)	Gender	Date of appointment to the Board	Indirect % shareholding in SMEC South Africa	% of time devoted to firm	Address Line 1	Address Line 2	Address Line 3	Postal code	Country	Municipal Account No.	Cell Phone No	Title / Position	E-mail	Qualifications	ECSA Registration No.	Years of Experience
Zeshall T	Thomas	5008115030085	2092025843	No	W	N	Male	01/07/2002	0.25%	100%	174 MacArthur Park Avenue	Robinsdale X10		2194	South Africa	404143353	082 351 0147	COO Africa	Tom.Marshall@smec.com	D.Eng (2002)	930377	34
Zivikum	Kresen	7812095150087	0192016152	Yes	I	N	Male	01/01/2015	0.44%	100%	79 St. Andrews Drive	Durban North	Durban	4056	South Africa	83258441505	084 3052 536	Director	Kresen.mankum@smec.com	B.Tech. Eng (Urban Design & Transportation Planning); N Dip Civil	20087016	15
Zelope	Tumelo	795070514081	0690999143	Yes	B	N	Female	01/01/2016	0.00%	100%	176 Aquum Street	Doompoort	Pretoria	0182	South Africa	5008537507	082 8661 604	Director	Tumelo.Moiso@smec.com	B.A. UCT and MDP USB	N/A	16
Zumfa	Margaret Ivy	6712360670 082	0786076267	Yes	B	N	Female	01/04/2016	0.00%	100%	Unit 509, 86 Grayston Drive	Sandown	Johannesburg	2196	South Africa	202770852	071 8917 940	FD Africa	margaret_ivy@smec.com	MBA, SAS (P), CA(SA), CT(A) Comp (Ment), Econm (Accounting)	N/A	19
Zusa MH	Nakodj Mathews	5209015784037	0360015705	Yes	B	N	Male	01/06/2005	0.96%	2%	4 Karet Street	White River		1240	South Africa	182485 (NST PM - refer CM25)	082 5534 065	Chairperson and Non Executive Director	mpheosa@e-pro.co.za	Bproc. LLB, Hon. Ph.D.	N/A	34
Zkenrick A	Alastair	54097286 (Australian Passport)	N/A	No	W	N	Male	06/12/2012	3.35%	2%	20 Gordon Crescent	Blissburn	Victoria	3130	Australia	N/A (Refer signed declaration)	+61 413 016 714	Director	Alastair.McGonddit@smec.com	Bachelor of Business (Marketing) and a Fellow of Certified Public Accountants Australia	N/A	>35
Zoodwin	Andrew Richard	510714535 (British Passport)	N/A	No	W	N	Male	07/09/2014	0.59%	2%	1A Abbott Street	Sandringham	Victoria	3130	Australia	N/A (Refer signed declaration)	61419732556	Director	andrew.zoodwin@smec.com	Hons. Bachel of Commerce Bachel of Science in Mechanical Engineering	N/A	>30

NOTES:

All South African directors are South African citizens from birth.

Australian Directors

S. A. BURGESS & COMPANY

MARSHALL
TAN SLETHANE

**WORMWAVE/PODPOWERS
THOMAS**

**CORPORATION OF LAND/
NAME OF AGENCIES
DISTRICT OR COUNTRY OF**

SUID-AFRIKA

1955-08-11

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2002-06-26

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REGISTERS RESIDENTIAL AND POSTAL ADDRESS

I have the good of our REGISTERED RESIDENTIAL AND
POSTAL ADDRESS in the pocket.

2. If you have changed your address, or if perhaps you have moved to a new apartment, or if you have changed your telephone number, please inform the **OFFICE OF CHANGE OF ADDRESS** here in the **SECRETARIAT** of the **MINISTRY OF DEFENSE** as soon as possible. The change of address must be made by mail, and it must be stamped in it as proof to the relevant **OFFICE OF CHANGE OF ADDRESS** in the **MINISTRY OF DEFENSE**.

I.D. No: 761209 5150 08 7



SA. S. S. S. A. C. I. T. E. N.



GEREGISTREERDE WOON- EN POSADRES

1. Bewaar die bewys van u GEGISTREERDE WOON- EN POSADRES in hierdie sakke.

2. Indien u van adres verander het, of indien besonderhede van u huidige adres, bv. straatnaam en/of -nommer, ers. verander het, moet die vorm KENNIGGEWING VAN ADRESVERANDERING, wat in die sakke agter in die identiteitsdokument is, gebruik word om die verandering aan te meld en moet dit ingedien word by of geops word aan die naaste streek- distrikkantoor van die DEPARTEMENT VAN BINNELANDSE SAKE.

REGISTERED RESIDENTIAL AND POSTAL ADDRESS

1. Keep the proof of your REGISTERED RESIDENTIAL AND POSTAL ADDRESS in this pocket.

2. If you have changed your address, or if particulars of your present address, e.g. name of street and/or street number, etc., have been changed, the NOTICE OF CHANGE OF ADDRESS form in the pocket at the back of the identity document, must be used to report the change and it must be handed in at or posted to the nearest regional district offices of the DEPARTMENT OF HOME AFFAIRS.

1

I.D. No. 790507 0514 08 1



S.A. BURGER/S.A. CITIZEN

VAN/SURNAME

MOLOPE

VOORNAME/FORENAMES

TUMELO

GEBORTE/DISTRIK OF LAND/
DISTRICT OR COUNTRY OF BIRTH

SOUTH AFRICA

GEBORTE/DATUM/
DATE OF BIRTH

1979-05-07

DATUM UITGEREIK
DATE ISSUED

2007-09-27

UITGEEKER OF OORLOG VAN DIE
DIREKTOR-GENERAAL:
BINNELANDSE SAKE

ISSUED BY AUTHORITY OF THE
DIRECTOR-GENERAL:
HOME AFFAIRS



This card has been issued by the
Department of Home Affairs in terms of the
Identification Act, Act 68 of 1997

30 SEP 2013

It is a condition of issue to the Department of Home Affairs
that the holder of this card must be a South African citizen



000972961



REPUBLIC OF SOUTH AFRICA
NATIONAL IDENTITY CARD

AMQFA

MARGARET IVY

F

RSA

5712280670082

28 DEC 1967

QW4

CITIZEN



Amif



GEREGISTREERDE WOON- EN POSADRES

1. Bewaar die bewys van u GEREISTREERDE WOON- EN POSADRES in hierdie sakkie.

2. Indien u van adres verander het, of indien besonderhede van u huidige adres, bv. straatnaam en/of -nommer, ens. verander het, moet die vorm KENNISGEWING VAN ADRESVERANDERING, wat in die sakkie agter in die identiteitsdokument is, gebruik word om die verandering aan te meld en moet dit ingedien word by of gepos word aan die naaste streek-/distrikkantoor van die DEPARTEMENT VAN BINNELANDSE SAKE.

REGISTERED RESIDENTIAL AND POSTAL ADDRESS

1. Keep the proof of your REGISTERED RESIDENTIAL AND POSTAL ADDRESS in this pocket.

2. If you have changed your address, or, if particulars of your present address, e.g. name of street and/or street number, etc., have been changed, the NOTICE OF CHANGE OF ADDRESS form in the pocket at the back of the identity document must be used to report the change and it must be handed in at or posted to the nearest regional/district office of the DEPARTMENT OF HOME AFFAIRS.

I.D.No. 520901 5784 08 7



S.A. BURGER/S.A. CITIZEN

VAN/SURNAME

PHOSA

VOORNAME/FORENAMES

NAKEDI MATHEWS

GEBOORTEDISTRIK OF LAND/
DISTRICT OR COUNTRY OF BIRTH

SOUTH AFRICA

GEBOORTEDATUM/
DATE OF BIRTH

1952-09-01

DATUM UITGEREIK
DATE ISSUED

2009-01-06

UITGEREIK OP BEVAL VAN DIE
DIRKTEUR-GENERAAL
BINNELANDSE SAKE

ISSUED BY AUTHORITY OF THE
DIRECTOR-GENERAL
HOME AFFAIRS



**CERTIFIED
A TRUE COPY
OF THE ORIGINAL**

Dühl 03/12/14
D Kühl CA(SA)

COMMISSIONER OF OATHS (RSA)
VKE Centre, 230 Albertus Street,
La Montagne 0184, Pretoria

This document is valid for 24 months from the date of issue and is subject to the visa requirements of the country to which it is issued. The document is not valid for entry into the United States of America. It is not valid for entry into the United States of America. It is not valid for entry into the United States of America.

This document is valid for 24 months from the date of issue and is subject to the visa requirements of the country to which it is issued. The document is not valid for entry into the United Kingdom. It is not valid for travel to the United Kingdom. It is not valid for travel to the United Kingdom. It is not valid for travel to the United Kingdom.

AUSTRALIA

Cost of housing / Gross ex. tax
State **AUS** Annual

DOCUMENT NO.
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RESEARCH & DESIGN

MCKENDRICK

ALASTAIR

AUSTRALIAN

09 MAR 1956

SIZE

1998

03 DEC 201

03 DEC 2022

Attachment 1, Attachment

AUSTRALIA

Person of Interest: Lee J. Newstrom
CHELMSFORD
 Person of Interest: Dr. Martin Luther King, Jr.

CHELMSFORD

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Given names/Prénoms (2)

ANDREW RICHARD

*National Geographic (3)

BRITISH CITIZEN

Rate of distribution of transmission (4)

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Company registration number 1989 / 007013 / 07
 Close corporation number N/A
 Tax reference number 94 000 616 45

Section 6: Record of service of the state

Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following:

- | | |
|---|---|
| ☐ a member of any municipal council | ☐ an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) |
| ☐ a member of any provincial legislature | ☐ a member of an accounting authority of any national or provincial public entity |
| ☐ a member of the National Assembly or the National Council of Provinces | ☐ an employee of Parliament or a provincial legislature |
| ☐ a member of the board of directors of any municipal entity | |
| ☐ an official of any municipality or municipal entity | |

If any of the above boxes are marked, disclose the following:

Name of sole proprietor, partner, director, manager, principal shareholder or stakeholder	Identity Number	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
			current	Within last 12 months

*insert separate page if necessary

Section 7: Record of spouses, children and parents in the service of the state

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months been in the service of any of the following:

- | | |
|--|---|
| ☐ a member of any municipal council | ☐ an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) |
| ☐ a member of any provincial legislature | ☐ a member of an accounting authority of any national or provincial public entity |
| ☐ a member of the National Assembly or the National Council of Province | ☐ an employee of Parliament or a provincial legislature |
| ☐ a member of the board of directors of any municipal entity | |
| ☐ an official of any municipality or municipal entity | |

Name of spouse, child or parent	Identity Number	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
			Current	Within last 12 months
YVONNE PHOSA	5609040833062	PARLIAMENT	✓	

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*insert separate page if necessary

The undersigned, who warrants that he/she is duly authorised to do so on behalf of the enterprise:

- authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my/our tax matters are in order;
- confirms that neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
- confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
- confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and
- confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

SIGNED ON BEHALF OF TENDERER:



CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE 2: CERTIFICATE OF INDEPENDENT TENDER DETERMINATION

I, the undersigned, in submitting this tender for Contract No. 101C/2016/17: PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

In response to the invitation for the tender made by the City of Cape Town, do hereby make the following statements that I certify to be true and complete in every respect:

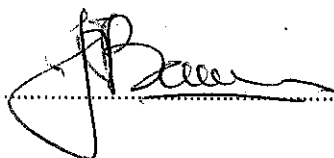
I certify, on behalf of: SMEC SOUTH AFRICA (PTY) LTD that:
(Name of Tenderer)

1. I have read and I understand the contents of this Certificate;
2. I understand that this tender will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the tenderer to sign this Certificate, and to submit this tender on behalf of the tenderer;
4. Each person whose signature appears on this tender has been authorized by the tenderer to determine the terms of, and to sign, the tender, on behalf of the tenderer;
5. For the purposes of this Certificate and this tender, I understand that the word "competitor" shall include any individual or organization, other than the tenderer whether or not affiliated with the tenderer, who:
 - (a) has been requested to submit a tender in response to this invitation to tender;
 - (b) could potentially submit a tender in response to this invitation to tender, based on their qualifications, abilities or experience; and
 - (c) provides the same goods and services as the tenderer and/or is in the same line of business as the tenderer;
6. The tenderer has arrived at this tender independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium¹ will not be construed as collusive tendering;
7. In particular, without limiting the generality of paragraph 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation);
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit a tender;
 - (e) the submission of a tender which does not meet the specifications and conditions of the tender; or
 - (f) tendering with the intention not to win the tender;

¹Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this invitation to tender relates;
9. The terms of this tender have not been, and will not be, disclosed by the tenderer, directly or indirectly, to any competitor, prior to the date and time of the official tender opening or of the awarding of the contract;
10. I am aware that , in addition and without prejudice to any other remedy provided to combat any restrictive practices related to tenders and contracts, tenders that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No. 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No. 12 of 2004 or any other applicable legislation.

Signature



Date

24 November 2016

Name

J. H. Basson

Position

Function Manager

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE 3: CERTIFICATE OF AUTHORITY FOR JOINT VENTURES

This returnable schedule is to be completed by joint ventures.

We, the undersigned, are submitting this tender offer in joint venture and hereby authorize Mr/Ms
....., authorised signatory of the company, close corporation or partnership
....., acting in the capacity of lead partner, to sign all documents in connection with the tender offer and any contract resulting from it on our behalf.

NAME OF FIRM	ADDRESS	DULY AUTHORISED SIGNATORY
Lead partner		Signature..... Name..... Designation.....
		Signature..... Name..... Designation.....
	N/A	Signature..... Name..... Designation.....
		Signature..... Name..... Designation.....

Note:

A copy of the Joint Venture Agreement, showing clearly the **percentage contribution of each partner** to the joint venture, shall be appended to this schedule.

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE 4: DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

Item	Question	Yes	No
1.1	Is the Tenderer or any of its directors listed on the National Treasury's Database of Restricted Suppliers as a company or person prohibited from doing business with the public sector? (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied). The Database of Restricted Suppliers now resides on the National Treasury's website www.treasury.gov.za and can be accessed by clicking on its link at the bottom of the home page.	Yes ☐	No ☒
1.1.1	If so, furnish particulars: N/A		
1.2	Is the Tenderer or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act, 12 of 2004? The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.	Yes ☐	No ☒
1.2.1	If so, furnish particulars: N/A		
1.3	Was the Tenderer or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?	Yes ☐	No ☒
1.3.1	If so, furnish particulars: N/A		
1.4	Does the Tenderer or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?	Yes ☐	No ☒
1.4.1	If so, furnish particulars: N/A		
1.5	Was any contract between the Tenderer and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes ☐	No ☒
1.5.1	If so, furnish particulars: N/A		

I, Johan Basson, the undersigned,
(full name in block letters)

certify that the information furnished on this declaration form is true and correct, and accept that, in addition to cancellation of a contract, action may be taken against me should this declaration prove to be false.

Signature [Signature]
Position Function Manager

Date 24 November 2016
Name of Tenderer/Contractor SMEC South Africa (Pty) Ltd

Where the entity tendering is a joint venture, each party to the joint venture must sign a declaration in terms of the Municipal Finance Management Act, 56 of 2003, and attach it to this schedule.

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE NO. 5: CERTIFICATE FOR MUNICIPAL SERVICES AND PAYMENTS TO SERVICE PROVIDER

To: THE CITY MANAGER, CITY OF CAPE TOWN

**CERTIFICATE FOR MUNICIPAL SERVICES
AND PAYMENTS TO SERVICE PROVIDER**

TENDER NO.: 101C/2016/17: PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR FOR SUBSIDISED RESIDENTIAL DEVELOPMENTS ON VACANT LAND PARCELS WITHIN THE GREATER CAPE TOWN AREA

NAME OF THE TENDERER: SMEC SOUTH AFRICA (PTY) LTD

FURTHER DETAILS OF THE TENDERER/S; Proprietor / Director/s / Partners, etc:

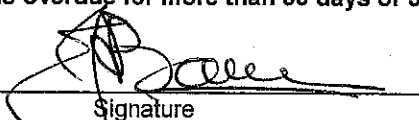
Physical Business address of the Tenderer	Municipal Account number(s)
<u>65 RIEBEEK STREET</u>	<u>122 664 842</u>
<u>CAPE TOWN</u>	<u>122 664 828</u>
<u>8001</u>	<u>122 664 812</u>
	<u>216 103 895</u>

If there is not enough space for all the names, please attach the additional details to the Contract Document

Name of Director / Member / Partner	Identity Number	Physical residential address of Director / Member / Partner	Municipal Account number(s)
		(PLEASE FIND ATTACHED)	

I, J. H. Basson, the undersigned,
(full name in block letters)

certify that the information furnished on this declaration form is correct and that I/we have no undisputed commitments for municipal services towards a municipality or other service provider in respect of which payment is overdue for more than 30 days or 3 (three) months.


Signature

THUS DONE AND SIGNED for and on behalf of the Tenderer/Contractor

at 65 Riebeeck Street on the 24th day of November 2016
(PLACE) (DATE) (MONTH) (YEAR)

Even if the requested information is not applicable to the Tenderer, the table above should be endorsed **Not Applicable** and THIS DECLARATION MUST STILL BE SIGNED

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE 6: CONFIRMATION OF CCT SUPPLIER DATABASE REGISTRATION

CoCT SUPPLIER DATABASE REGISTRATION		
COMPANY NAME	REGISTERED YES/NO	REGISTRATION NUMBER IF APPLICABLE
SMEC SOUTH AFRICA (PTY) LTD	YES	VELA 002TRW 7552

SIGNED ON BEHALF OF TENDERER:



CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

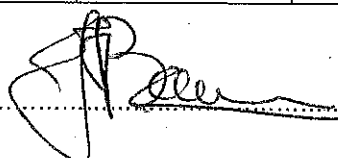
SCHEDULE 7: CONSULTANCY SERVICES PROVIDED TO ORGANS OF STATE

The tenderer shall indicate on the schedule below particulars of all consultancy services provided to organs of state by all offices country wide in the last five years. Tenderers shall also indicate, by means of a cross (x) in the last column, which, if any, of the services listed are of a similar nature, to those being tendered for in terms of this tender.

Where the entity tendering is a joint venture, the particulars of services provided to organs of state by each party to the joint venture, must be submitted as part of this schedule (additional pages may be added if necessary).

CONSULTANCY SERVICES PROVIDED TO ORGANS OF STATE				
TITLE OF PROJECT	VALUE OF CONTRACT	EMPLOYER	DATE COMPLETED	SIMILAR SERVICE
(PLEASE FIND ATTACHED)				

SIGNED ON BEHALF OF TENDERER.....



URBAN DEVELOPMENT DIVISION - SELECTION OF COMPLETED & CURRENT PROJECTS

Project No.	Project Name	Project Comment	Project Fee	Project Manager Name	Client Name	Client Contact	Client Phone Number	Client Type	Client Name	Start Date	End Date	Project Director	Project Region
BCM40	De Kroon Dunes	Design and Project Management Services: Neave Street Multi-Purpose and Recreational Park in Schauderville, Korsten (MBDA)	R 50 000 000	Marais Charl	Woodland Hills Wildlife Estate	Wimpie Malan	0825555005	Private Sector	Private Sector	2015/05/16	2018/12/31	Kannenbergh Marais	Free State
CE1031	Neave Street Recreational Park		R 370 650	Buzo Ndubabalo	Mandela Bay Development Agency	Dorelle Sapere	041 811 8204	Parastatals/SANRAL, RA, Eskom	Parastatals/SANRAL, RA, Eskom	2016/01/01	2018/12/31	Cootzee Michael	Eastern Cape
DM0099	Kwa-Maane Civic Centre	New Civic Centre and Parking Renovations to Existing Old Community Hall, Fencing and Landscaping	R 2 980 070	Moodley Radezani	Mtshamba Municipality	S Mathobela	035 550 0069	Provincial Government	Provincial Government	2015/11/01	2018/11/30	Ellis Jonathan	KwaZulu Natal
CE1016	Motherwell NU31 Stormwater	Design, installation and monitoring of Professional engineering services.	R 40 000 000	Du Toit, Stephanus Francois	Nelson Mandela Bay Municipality	Adv. Tshumase	041 505 4582	District & Local Gov/Metro Coun	District & Local Gov/Metro Coun	2015/04/10	2018/05/10	Cootzee Michael	Eastern Cape
BS018	Rayton View Mail Services	NEW BULK SERVICES FOR SHOPPING MALL IN RAYTON, BLOEMFONTEIN	R 6 000 000	Ronne Harald	Artic Blue Investments (Pty) Ltd	Wille van Heerden	0832657899	Private Sector	Private Sector	2015/01/30	2017/12/31	Marais Charl	Free State
BS019	Rayton View Shopping Mall	NEW SHOPPING MALL IN RAYTON, BLOEMFONTEIN	R 90 000 000	Ronne Harald	Rayton View Properties (Pty) Ltd	Wille van Heerden	0832657899	Private Sector	Private Sector	2015/01/30	2017/12/31	Marais Charl	Free State
PK256	Nancefield Station Portion 22	Professional Services (Civil, Structural and Electrical Engineering) for all stages of Portion 22 of the Nancefield	R 43 404 717	Viljoen Hlana	MUNYAL MALAKA ENGINEERS (PTY) LTD	George Munyai	0125450422	Other Consultants	Other Consultants	2015/05/01	2017/12/31	Kannenbergh Marais	Gauteng North
PP489	Pretoria West SAPS Training College	Repair and Renovations of Civil Infrastructure (Roads, Parking, Water, Sewer and Stormwater) and Structures (Roofs)	R 1 000 000	Esterhuizen Jacobus	MOKGAWA MTSHALU & ASSOCIATES	KEITH MTSHALU	012 4813947	Other Consultants	Other Consultants	2013/01/01	2017/12/30	Viljoen Hlana	Gauteng North
BS030	Asmang Projects - Gloria Mine	Various small projects and inspections for Asmang Black Rock at Gloria Mine	R 135 640	Ronne Harald	ASSMANG LTD MANGANESE MINES	Roselle Prijsloo	063 7515342	Resources	Resources	2016/07/01	2017/12/01	Marais Charl	Free State
BS031	ASIDI FS Shools Cluster A	Design and Project Management of 4 new ASIDI Shools (Cluster A) in the Free State for DBSA	R 150 000 000	Ronne Harald	Development Bank of Southern Africa	Simon Ludik	0113133911	Private Sector	Private Sector	2016/09/20	2017/12/01	Marais Charl	Free State
CE1025	Bethelsdorp High School	Civil and Structural engineering services for the Bethelsdorp High School: Additions, Repairs and Renovations	R 17 000 000	Roodt, Liesl	EC Depart of Roads & Public Works	Neil Thomas	041 390 2022	Provincial Government	Provincial Government	2015/08/06	2017/08/31	Cootzee Michael	Eastern Cape
CE1020	Indwe Hospital	Structural Engineering designs for new hospital in Indwe, Eastern Cape.	R 70 000 000	Tyalimpi Monde	Coege Development Corporation	Bruno Penzo	041 403 0491	Parastatals/SANRAL, RA, Eskom	Parastatals/SANRAL, RA, Eskom	2015/05/01	2017/06/30	Cootzee Michael	Eastern Cape
SCW56	Retaining wall inspection	Residential retaining wall inspection	R 25 500	Marais Charl	Rainbow Concrete	Danie Rossouw	0514331954	Private Sector	Private Sector	2015/10/22	2017/06/30	Marais Charl	Free State
CE651	Stellenbosch UDS	Writing the engineering infrastructure components of the Stellenbosch Urban Development Strategy	R 300 000	Basson Johan	Rode & Associates (Pty) Ltd	Berchwald Rode	0826587545	Private Sector	Private Sector	2016/06/30	2017/06/30	Basson Johan	Western Cape
CE650	Mosselbay SDF	Civil Engineering inputs to SDF	R 160 000	Basson Johan	CHKV Africa (Pty) Ltd	Simon Nicols	021 424 5022	Private Sector	Private Sector	2016/09/12	2017/06/30	Basson Johan	Western Cape
BM037	Alexander Bay Radio Station	Consulting Engineering Services for Basic Civil and Structural engineering services to the repair and renovation at the Alexander Bay Naval Base Radio Station	R 22 000 000	Snyman Hendrieka	Department of Public Works	Sandiso Cosa	053885256	Provincial Government	Provincial Government	2012/07/11	2017/05/31	Marais Charl	Free State
CE1018	Sewer Retention in Patensie	Detail design, tender documentation and implementation of sewer reticulation.	R 12 750 510	Du Toit, Stephanus Francois	Kouga Local Municipality	Ashley Perlis	042 200 8367	District & Local Gov/Metro Coun	District & Local Gov/Metro Coun	2015/04/09	2017/05/10	Cootzee Michael	Eastern Cape
XL0030	Oil and Gas Industrial Park, Uganda	Provision of Consultancy Services to Develop a Master Plan for the Oil and Gas Industrial Park in Uganda	R 3 570 000	Ellis Jonathan	Smeac Kampala Uganda	John Makovu	+256 31 2 108175	Other Consultants	Other Consultants	2016/09/25	2017/04/25	Duke David	KwaZulu Natal
CE1035	CDC NWBM Housing Top Structures	Contract Administration and site supervision services for the construction of 805 NWBM Top Structure Metro Houses (constructed in Motherwell NU30, KwaZulu Natal Phase 3, KwaZulu Natal Area 11 and KwaZulu Natal)	R 70 000 000	Roodt, Liesl	Coege Development Corporation	Bruno Penzo	041 403 0491	Parastatals/SANRAL, RA, Eskom	Parastatals/SANRAL, RA, Eskom	2016/07/15	2017/03/30	Cootzee Michael	Eastern Cape
U00044	Melbourne Rail Tender Assistance	Tender design of the proposed new Melbourne rail tender. SMEC SA will provide staff for SMEC AU.	R 825 650	Mostert Marais	SMEC International	John Inrite	00 617 302 966 26	Other Consultants	Other Consultants	2016/10/18	2017/03/30	du Plessis Duon	Gauteng South
CE151	ESKOM Brockville Access Control	Access control design and implementation	R 445 000	Basson Johan	Eskom Holdings SOC Limited	J Chetty	0118005898	Parastatals/SANRAL, RA, Eskom	Parastatals/SANRAL, RA, Eskom	2016/02/04	2017/02/28	Basson Johan	Western Cape



URBAN DEVELOPMENT DIVISION - SELECTION OF COMPLETED & CURRENT PROJECTS

Project No	Project Name	Project Comment	Project Fee	Project Manager Name	Client Name	Client Contact	Client Phone Number	Client Type Name	Start Date	End Date	Project Director	Project Region
J00040	Upgrading of gravel roads in EMM	The scope of works is to upgrade the selected streets from gravel road to surfaced road standards with related stormwater infrastructure and which include the following services: Topographical Surveys, Materials Investigations for Layers/Detial design and Construction Drawings, Bill of Materials, Quantities and Specifications, Full time site supervision and contract administration. The work package is part of the implementation of flag-ship and capital projects in EMM and includes the following streets: -Portion of M801 Street in Palm Ridge X5 (817m) -Phulanadibho Street in Palm Ridge X1 (783m), Lesopo Street in Rooibokop (567m), Bokukong Street in Rooibokop (533m) and a stormwater channel in Molelek X3 (530m)	R 19 200 000	Wentzel Gert	Ekurhuleni Metro Municipality	Keth Small	0119986568	District & Local Gov/Metro Coun	2016/08/01	2017/02/28	Wentzel Gert	Gauteng South
PQ409	Automotive Industry Development Centre (AIDC) Rosslyn	Automotive Industry Development Centre appointment of a professional construction manager registered at SACPCMP to perform construction project duties for two projects at Rosslyn (Bid Number: AIDC_09/2015). Responsible for Construction management of Client's interest in the construction of two factories in Rosslyn. The project focuses on the managing of the two projects from the client's perspective as manager to ensure that the client's interests are covered due to the projects time.	R 79 262 750	Esterhuizen Jacobus	AIDC	Lebogang Madlisa	012 564 5000	Private Sector	2016/01/01	2017/01/31	Viljoen Hlisa	Gauteng North
PQ403	Makhuuthamaga Schools	Construction of additions for 16 schools Makhuuthamaga Municipality area of Sedibone District of Limpopo Province for IDT	R 5 000 000	De Waal Ernst	IDT POLOKWANE	Bali Mamabolo	015 295 0000	Parastatal(SANRAL, JRA, Eskom)	2013/09/01	2016/12/31	Kannenberg Marius	Gauteng North
DM0039	Dube Agritzone	Provision of Engineering Services for the Expansion of Agritzone 1 and the EIA Processes for Agritzone 2	R 1 082 401	Moodley Rodeshini	Dube Tradepont Corporation	Petunia Mtuna	032 814 0000	Parastatal(SANRAL, JRA, Eskom)	2013/10/01	2016/12/31	Ellis Jonathan	KwaZulu Natal
PM738	Garsfontein Pipelines: Phase 2	Professional Engineering Services for the Re-Inforcement of pipelines in Garsfontein Street, Rubenstein Street, Gent Louis Botha Avenue and at the Waverley HL and LL Reservoirs (varied installations for 100mm upto 1200mm dia pipelines of varied materials (UPVC, Steel and HDPE) for City of Tshwane	R 12 701 441	Viljoen Hlisa	ROYAL HASKONING DHG	L van Genderen	012 367 5951	Other Consultants	2014/03/01	2016/12/31	Kannenberg Marius	Gauteng North
J00021	Sydney NWRL Station Structural	Sydney NWRL Station Structural design	R 120 000	Mostert Marius	SMEC International	John Imrie	06 617 302 966 26	Other Consultants	2015/03/24	2016/12/31	Kannenberg Marius	Gauteng South
J00039	Balmora Ext 5	SMEC has been appointed by EMM for work stages 1-4 for the provision of township services for Balmora Extension 5 - 323 stands. SMEC will oversee and manage the Design and Documentation for this development.	R 1 632 085	Gouwea Bernadina	Ekurhuleni Metro Municipality	Keth Small	0119986568	District & Local Gov/Metro Coun	2016/05/01	2016/12/31	Wentzel Gert	Gauteng South
PE238	Menlyn New Office Block Stormwater	Professional civil engineering services report, design and construction details for stormwater and subsoil drainage for new double storey office block - Menlyn	R 180 000	Esterhuizen Jacobus	MPHELA & ASSOCIATES ATTORNEYS	Mathias Mphahlele	086 367 4952	Private Sector	2016/05/01	2016/12/31	Viljoen Hlisa	Gauteng North
BC061	MAC Sewer Line	Appointment of Civil Engineers for Mac Bessingh Trust for a new sewer line and Supervision	R 72 322	Marels Charl	MAC Bessingh Trust	Murlock Mackenzie	0515233970	Private Sector	2016/09/02	2016/12/02	Marels Charl	Free State
CE1037	CDC BAIC Platform	Civil Engineering services for the Platform Design and relocations of services for the BAIC Platform at CDC	R 33 000 000	Louis Christo	Techini Civils	Cheri du Plessis	041 3643240	Private Sector	2016/10/01	2016/12/01	Cedraze Michael	Eastern Cape
80032	House 8 Raubenheimer	Validation of NHBC enrolment for House Bernard Raubenheimer	R 1 999	Ronne Harald	Bernard Raubenheimer	Bernard Raubenheimer	0514981177	Private Sector	2016/10/11	2016/12/01	Marels Charl	Free State
J00031	Forest Town Substation Art Gallery	Remedial work and alterations to an old existing building	R 156 600	Mostert Marius	Trak Props 4 (Pty) Ltd	Kurien Marx	0114864670	Private Sector	2015/09/01	2016/11/30	Mostert Marius	Gauteng South
DM0117	Thokoz Farm Upgrades	Assessment of existing Infrastructure and Recommendations for the Rehabilitation and/or Replacement of Existing Systems. Preparation of Project Designs, Tender Input and Management of Implementation Phase	R 274 123	Naicker Esauani	KZN PROVINCIAL TREASURY	MUSA CEBISA	0338974200	Central Government	2016/04/01	2016/11/30	Ellis Jonathan	KwaZulu Natal



URBAN DEVELOPMENT DIVISION - SELECTION OF COMPLETED & CURRENT PROJECTS

Project No.	Project Name	Project Comment	Project Fee	Project Manager Name	Client Name	Client Contact	Client Phone Number	Client Type Name	Start Date	End Date	Project Director	Project Region
DM0119	KZN: Small Town Rehab Program	IDM, on behalf of the Department of Co-operative Governance and Traditional Affairs, have appointed SMEC on a sub-consultant basis to prepare Engineering Reports for seven nodal plans in KwaZulu Natal, South Africa. The Engineering Reports will focus on provision of bulk services in each node (for water, sanitation, electricity and solid waste), traffic, statements based on current level of service and future based on the land use plan, alignment of the IDPs and SDPs and project packaging cost estimates.	R 420 000 Nkwey Renisha	IDM Consulting (Pty) Ltd	Senna Dlamini		031 207 1340	Other Consultants	2016/06/01	2016/11/30	Ellis Jonathan	KwaZulu Natal
DM0124	3 ASDI Schools Contract & Stat Doc	Appointment of a Professional Service Provider to Assist with Compilation of Contract and Statutory Documentation for Three Schools in KwaZulu-Natal Province Under Accelerated Schools Infrastructure Delivery Initiative	R 2 104 730 Ellis Jonathan	Department of Basic Education	B Shabangu		012 357 3000	Provincial Government	2016/09/31	2016/11/30	Ellis Jonathan	KwaZulu Natal
PA943	Telkom Infrastructure Installation	Appointment as Independent Civil Consultant for Bona Electronic Solutions at various sites regarding the installation of fibre telecommunications infrastructure on Dolomite as well as Wayleave Applications and Inspections in Tshwane area	R 100 000 Esterhuizen Jacobus	BONA ELECTRONIC SOLUTIONS	Pieter Spengenberg		011 210 3500	Private Sector	2015/02/01	2016/10/31	Viljoen Hlina	Gauteng North
PA951	MTN Infrastructure Installation	Appointment of a Professional Service Provider for Wayleave Applications and Inspections: Proposed Installation of MTN Infrastructure across National Routes N17-2 and N3-12 Springs, Vaalfontein Road	R 53 550 Esterhuizen Jacobus	GPO PROJECTS AND CONSULTANTS	Peter Hendricks		084-842-7321	Other Consultants	2015/09/28	2016/10/31	Viljoen Hlina	Gauteng North
DM0098	Nosibha Pedestrian Bridge	Multi-span steel-lattice rural pedestrian bridge across the Uvunggo river	R 776 253 Lachman Amith	Hibiscus Coast Municipality	R Dlamini		0396862137	District & Local Gov/Metro Coun	2015/11/01	2016/10/31	Ellis Jonathan	KwaZulu Natal
PE230	Sukumani Tshwane Wayleaves	Appointment as Independent Civil Consultant for Sukumani Telecommunications at various sites regarding the installation of fibre telecommunications infrastructure on Dolomite as well as Wayleave Applications and Inspections in Tshwane area.	R 100 000 Esterhuizen Jacobus	SUKUMANI TELECOMMUNICATIONS	Smiley Coetzee		081-570-0217	Private Sector	2016/01/01	2016/10/31	Viljoen Hlina	Gauteng North
PM744	Joburg Market New Truck Entrance	Appointment of service provider to provide detailed designs and specifications for the new truck entrance and main exit gate at the Market.	R 7 500 000 Esterhuizen Jacobus	JOBURG MARKET	Marius Pleters		(011) 592-8127	Private Sector	2016/01/01	2016/10/31	Viljoen Hlina	Gauteng North
PA954	River Lodge Farm Inspection	Inspection on Waterloss at Irrigation dam on River Lodge Farm (Pty) Ltd	R 4 940 Esterhuizen Jacobus	KEITH KIRSTEN HORTICULTURE	I Russo		011-3170903	Private Sector	2016/09/01	2016/10/31	Viljoen Hlina	Gauteng North
PA955	Eagles Landing Dam	Inspection on Estate dam at Eagles Landing, Haribeespoort	R 6 550 Esterhuizen Jacobus	EAGLES LANDING HOMEOWNERS ASS.	Reinhard Schutte		082 443 7858	Private Sector	2016/09/01	2016/10/31	Viljoen Hlina	Gauteng North
PA956	Kwa Motswere Sewer Report	Kwa Motswere: Sewer report and as built drawings for new Eko estate	R 48 100 Viljoen Hlina	A DU BUYS	Wilhelm Schack		083 301 8119	Private Sector	2016/09/01	2016/10/31	Viljoen Hlina	Gauteng North
PA936	MTN Project Infrastructure	Provision of telecommunication infrastructure on Dolomite soils	R 557 062 Esterhuizen Jacobus	Project	Nerani Pillay		011 453 3226	Private Sector	2013/10/01	2016/09/30	Viljoen Hlina	Gauteng North
JU0038	Erf 3130 Watville	Management and appointment of professional team consisting of Architects, Quantity Surveyor, Landscape Architect, Civil, Structural, Mechanical, Electrical Engineers for the design and documentation of high density RDP walk-up units for EMM on Erf 3130 Watville.	R 4 208 742 Skeepers Jacqui	Eurhuleni Metro Municipality	Keith Small		0119996568	District & Local Gov/Metro Coun	2016/04/21	2016/09/30	Wentzel Gert	Gauteng South
PQ0411	MEGA Elandstria Landfill Site	Professional Civil Engineering Services for valuation services for Elandstria Landfill Site	R 57 300 Esterhuizen Jacobus	MEGA	Sibusiso Lukhele		013 755 6328	District & Local Gov/Metro Coun	2016/06/01	2016/09/30	Viljoen Hlina	Gauteng North
JU0042	Engineering services for WBHO Luak	Structural design & detailing for alterations to an existing Lime Stockade (LIMECO) and a Diesel storage tank base and support (CARGILL)	R 50 000 McInnes-Samuel Graeme	WBHO Civils	Berto Smith		0113217000	Private Sector	2016/09/20	2016/09/30	Wentzel Gert	Gauteng South
JU0041	PIKUP Weighbridge	Deflection measurement of existing weighbridges at PIKUP landfill site in Robinson, City Deep	R 8 000 Wentzel Gert	Opto Africa (Pty) Ltd	Nadine Fick		011 792 4886	Private Sector	2016/09/01	2016/09/02	Iu Plessis Doon	Gauteng South



URBAN DEVELOPMENT DIVISION - SELECTION OF COMPLETED & CURRENT PROJECTS

Project No.	Project Name	Project Comment	Project Fee	Project Manager Name	Client Name	Client Contact	Client Phone Number	Client Type Name	Start Date	End Date	Project Director	Project Region
PP485	Murray Hill Special Forces School	Upgrade, repairs and renovations to the water supply and sewerage system of the Special Forces School of the Department of Defence north of Pretoria. Includes repairs to 500mm x 2.5 km steel supply pipe and the addition of a 250mm 6.3km UPVC pipeline as well as a 200kl storage tank. The old sewerage network (approx 2km extent) was replaced with a new reticulation system consisting of 160mm and 120mm gravity pipes conveying sewage to the existing sump and pump-station which were refurbished	R 3 000 000	Estherhuizen Jacobus	MOKGAWA MTSHALI & ASSOCIATES	KEITH MTSHALI	012 4813847	Other Consultants	2012/04/01	2016/08/31	Viljoen Hlila	Gauteng North
DM0076	Investec - Retail Park	Civil Engineering Aspects of the Cornubia Retail Development	R 650 000	Viljoen Etienne	Investec Property	Keith Batchelor	031 575 4000	Parastatals(SANRAL, JPA, Eskom)	2014/11/01	2016/08/31	Duke David	KwaZulu Natal
JU0037	ORTIA - Western Precinct	SMEC has been appointed to assist ADEPCO with the application of property development rights on the Western Precinct at O R Tambo International Airport. SMEC will conduct traffic studies as well as service investigations in order to assess the suitability of the existing infrastructure for the planned development.	R 452 252	Scheepers Jacqui	African Development Planning Consul	Conrad Wilehahn	012 357 1273	Other Consultants	2016/03/10	2016/08/01	Wentzel Gert	Gauteng South
PA350	Carletonville Dolomite Construction	Dolomite Build on the c/o N12 and R301 - Inspections Only	R 50 000	Estherhuizen Jacobus	GPG PROJECTS AND CONSULTANTS	Peter Hendricks	084-842-7321	Other Consultants	2015/07/01	2016/07/31	Viljoen Hlila	Gauteng North
PE218	Maremanit Sediment Camp	Engineering services for Maremanit Nature Reserve sediment control and mitigation planning at Njolele Dam at Riverview	R 200 000	De Waal Ernst	MAREMANI NATURE RESERVE	Reiker Botha	087 550 1314	Private Sector	2015/07/01	2016/07/31	Sinden Thomas	Gauteng North
DM0096	Mtubatuba Solar Street Lighting	Funding from DOE to replace old street lights with solar lights, thereby reducing electricity usage	R 170 000	Lachman Amith	Mtubatuba Municipality	S Mathobela	035 580 0069	Provincial Government	2015/10/01	2016/07/31	Ellis Jonathan	KwaZulu Natal
PIQ259	Maputo Primary School	Provision of civil and structural engineering services for the construction of a medium size administration building at Maputo Primary School	R 1 700 000	De Waal Ernst	MUNYAL MALAKA ENGINEERS (PTY) LTD	George Munyai	0125490422	Other Consultants	2015/11/01	2016/07/31	Sinden Thomas	Gauteng North
PIQ261	Thavhani Shopping Centre	Consulting Engineers in monitoring the quality of the work during the construction of the new Thavhani Mall shopping center in Thovhandoli.	R 1 700 000	De Waal Ernst	I&S CONSULTING (PTY) LTD	DJ Oosthuizen	011 463 4020	Other Consultants	2016/01/01	2016/07/31	Sinden Thomas	Gauteng North
B5028	Engineering Inspections ESKOM	Appointment to inspect various buildings and infrastructure for Eskom in Petrusville and other areas	R 29 280	Ronne Harald	Eskom Holdings SOC Limited	J Chetty	0118005898	Parastatals(SANRAL, JPA, Eskom)	2016/09/01	2016/07/31	Basson Johan	Free State
BK105	Kheis Asset Management	Management of the asset registers, movable and immovable, for the Kheis Local Municipality	R 2 693 465	Steyman Hendrieka	Kheis Local Municipality	Dorovan Bloek	0548399500	District & Local Gov/Metro Coun	2014/07/17	2016/07/17	Mariais Charl	Free State
DM0005	BRIDGE ON RD CONNECTING RD D907 WA9D 8	Design, Tender & Construction Management of 14 Pedestrian and Low Level Bridges in HCM	R 405 000	Lachman Amith	Hibiscus Coast Municipality	R Dlamini	0396882137	District & Local Gov/Metro Coun	2011/11/01	2016/06/30	Ellis Jonathan	KwaZulu Natal
DM0701	Mbonambi Beach Upgrade	Concept planning and detailed design and part implementation of beach upgrade project.	R 1 000 000	Du Plessis Siebren	Mfotzi Municipality	Danie van Eeden	035 580 1421	District & Local Gov/Metro Coun	2013/01/14	2016/06/30	Ellis Jonathan	KwaZulu Natal
DE0030	IPITS Project Management	Lead Consultant - IPITS Transport and Operations Planning	R 618 650	Cootzee Michael	Nelson Mandela Bay Municipality	Adv. Tshamase	041 505 4582	District & Local Gov/Metro Coun	2013/06/01	2016/06/30	Cootzee Michael	Eastern Cape
DE0013	Tyritra/Endlovini & Ramaphosa Sewers	Installation of a new bulk sewer line to serve the new housing developments in Tyritra/Endlovini & Ramaphosa residential areas.	R 980 000	Du Toit, Stephanus Francois	Nelson Mandela Bay Municipality	Adv. Tshamase	041 505 4582	District & Local Gov/Metro Coun	2013/07/01	2016/06/30	Cootzee Michael	Eastern Cape
DE0032	Graaff-Reinet WWTW Phase 2	Professional Engineering services for the upgrade of Graaff-Reinet Waste Water Treatment Works, Phase 2. Various small sized upgrade items like purchasing of pumps, cleaning of evaporation ponds, irrigation and beautification of the existing site.	R 285 548	Amandade Willem	Camdeboo Local Municipality	Ivor Berrington	071 117 6671 / 049 1	District & Local Gov/Metro Coun	2013/07/01	2016/06/30	Cootzee Michael	Eastern Cape
J5127	Diepfontein Roads Upgrade	Provision of professional services for the upgrading of gravel roads to surfaced roads in Diepfontein. There will be a preliminary and detailed design for the roads and site monitoring shall take place during the construction.	R 25 000 000	Gouveia Bernadina	Johannesburg Road Agency	Dumilani Dube	0112969031	Parastatals(SANRAL, JPA, Eskom)	2013/08/07	2016/06/30	Wentzel Gert	Gauteng South
J5135	Media HQ Luanda	New Media company headquarters in Luanda. The proposed 20 000m² building will include a 5 level basement with a 15 level top structure	R 570 000 000	Mostert Marius	Paragon Architects (Pty) Ltd	Herming Remmus	0114823786	Private Sector	2013/09/01	2016/06/30	Wentzel Gert	Gauteng South



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Project No	Project Name	Project Comment	Project Size	Project Manager Name	Client Name	Client Contact	Client Phone No	Client Type Name	Start Date	End Date	Project Director	Project Region
BW009	Metsimaholo & Sasolburg Landfill	Complete investigation for new landfill site. Design and develop a plan for the establishment of a new landfill site for the Metsimaholo Municipality in Sasolburg. Secondly complete the founding and requirements for the closure of the existing Sasolburg municipal landfill site. Additional work: Complete the valuation on the existing landfills for the 2013/2015 and 2014/2015 asset register.	R 1 460 869	Viljoen Hlana	Metsimaholo Local Municipality	R. Thakoe	016 973 8324	District & Local Gov/Metro Coun	2014/04/10	2016/06/30	Kamnenberg Marius	Free State
DM0055	Toyota - Additions/ Alterations	Structural engineering consulting services for alterations/ additions to the existing plant and facilities at Prospection including a new clinic and modifications to existing steel structures	R 158 058	Vermaak Willem	Toyota Motors SA	Michael Naidoo	031 910 2911	Private Sector	2014/07/07	2016/06/30	Ellis Jonathan	KwaZulu Natal
DM0088	A Lufthansa Hospital Floor Project	Structural Engineering Input Required for the Damaged Floor Repair Project - Monitoring and Evaluation of Work	R 217 478	Vermaak Willem	KZN PROVINCIAL TREASURY	MUSA CERISA	0338974200	Central Government	2015/06/17	2016/06/30	Duke David	KwaZulu Natal
CE1021	Upgrading WWWTW Graaff-Reinet Ph 2C	Professional Engineering services for the upgrade of the Graaff-Reinet Waste Water Treatment Works, Phase 2C. This includes the construction of a new inlet works and clarifier, as well as the rehabilitation of the existing naturalization ponds, upgrade of the operators office and abatement and the installation of new aerators.	R 7 863 348	Du Toit, Stephanus Francois	Camdeboo Local Municipality	Ivor Berrington	071 117 6671	District & Local Gov/Metro Coun	2015/07/01	2016/06/30	Coetzee Michael	Eastern Cape
DM0092	Westville Prison Upgrades	Civil & Structural Design & Supervision for Upgrades & Maintenance at Westville Prison	R 702 000	Du Plessis Siebren	Bakone Seolele Consulting Engineers	Ernst Le Roux	073 812 4932	Private Sector	2015/09/07	2016/06/30	Ellis Jonathan	KwaZulu Natal
JU0033	Syferfontein - Mega Project	Feasibility and economic viability of a mega smart city in Syferfontein	R 1 439 779	Gouveia Bernadina	Gauteng Dept of Human Settlements	Daphney Ngosheng	011 355 4791	Provincial Government	2015/10/26	2016/06/30	Wentzel Gert	Gauteng South
CL605	Mainline Consultation	Commercial and Residential re-development on the corner of Joubert and Meridian Stellenbosch.	R 60 000	King Michael	Mainline	Silvia Oliveira	021 461 7498	Private Sector	2015/11/01	2016/06/30	Basson Johan	Western Cape
CL606	Colonia Development	Technical audit of previous studies for the Syferfontein Mega Cities Project	R 20 000	Basson Johan	Dormel Properties 433 (Pty) Ltd	Boets Smuts	021 887 7678	Private Sector	2015/11/01	2016/06/30	Basson Johan	Western Cape
JU0034	Syferfontein - Technical Audit	Preliminary Service Design for the Environmental Authorisation and Town Planning	R 587 709	Gouveia Bernadina	Gauteng Dept of Human Settlements	Daphney Ngosheng	011 355 4791	Provincial Government	2016/01/11	2016/06/30	Wentzel Gert	Gauteng South
DM0113	Oxalis Environmental Impact	Alterations to server and archive rooms.	R 1 033 333	Moodley Radehmi	LDW Consulting (Pty) Ltd	Seena Dhanraj	031 207 1340	Other Consultants	2016/02/01	2016/06/30	Ellis Jonathan	KwaZulu Natal
CL622	Edom Bellville Server Room	Conduct an economic feasibility analysis and corridor profiling for the central development corridor, stretching from Lanseria to Florida. Detailed economic profiling will be done for the Lanseria and Cosmo nodes. Programme management to be done for the studies done by others on the remaining 5 nodes in the corridor.	R 260 000	Basson Johan	Edom Holdings SOC Limited	J Chetty	0118005898	Parastatal(SANRAL, JRA, Eskom)	2016/03/01	2016/06/30	Basson Johan	Western Cape
JU0036	Central Corridor Profiling and Prog	Conduct an economic feasibility analysis and corridor profiling for the central development corridor, stretching from Lanseria to Florida. Detailed economic profiling will be done for the Lanseria and Cosmo nodes. Programme management to be done for the studies done by others on the remaining 5 nodes in the corridor.	R 2 639 691	Gouveia Bernadina	Gauteng Dept of Human Settlements	Daphney Ngosheng	011 355 4791	Provincial Government	2016/03/14	2016/06/30	Wentzel Gert	Gauteng South
DM0118	Ithala Industrial Hubs	The KZN Provincial Departments objective is to develop industrial hubs in Isthala (renewable energy), Ezakheni (electronics) and Madadeni (clothing and textiles). The planning of the site layouts, concept development, evaluation of the proposed location of the hubs and advice on the overall financial feasibility is required.	R 3 625 100	Nilexy Renisha	ITHALA DEVELOPMENT FINANCE CORP LTD	Mr G Pellow-Irman	0313078882	Private Sector	2016/04/01	2016/06/30	Ellis Jonathan	KwaZulu Natal
CL634	Koeberg Insulator Pollution Station	Test Station Feasibility cost estimate (stage 1)	R 79 000	Basson Johan	Eskom Holdings SOC Limited	J Chetty	0118005898	Parastatal(SANRAL, JRA, Eskom)	2016/05/20	2016/06/30	Basson Johan	Western Cape
CE1007	Nuport Windfarm	Site Management during the construction period for the Nuport Wind Farm. Construction of 35 Wind Turbines with associated Civil and Electrical works for the new 80 MW Wind farm at Nuport.	R 1 937 000	Loots Christo	Mainstream Renewable Power	Leo Quinn	021 405 5340	Private Sector	2015/01/25	2016/06/01	Coetzee Michael	Eastern Cape
PM705	Molemole Municipality 5 Year Plan	Development of a 5 year Integrated Plan for Molemole Municipality.	R 2 000 000	Shiden Thomas	Molemole Local Municipality	David Nkomo	082 384 9552	District & Local Gov/Metro Coun	2011/05/01	2016/05/31	Makhe Mophupi	Gauteng North
BU0096	Rand Mutual Care Centre- Welkom.	Rand Mutual Care Centre - Civil and Structural design and of care centre with building area of 6700m	R 16 945 220	Viljoen Hlana	Rand Mutual Admin Services (Pty) Ltd	Deodick Kritzinger	085222132	Private Sector	2013/11/01	2016/05/31	Kamnenberg Marius	Free State
BS0029	SOMW Aswan PV Plant	Sub Engineering Service and construction supervision for SOMW Aswan PV Plant in Egypt	R 59 000	Ronne Harald	SMEC International	Luis Rodrigues	025420441541	Other Consultants	2016/04/06	2016/05/31	Narais Charl	Free State

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Project No.	Project Name	Project Comment	Project Fee	Project Manager Name	Client Name	Client Contact	Client Phone No	Client Type	Start Date	End Date	Project Director	Project Region
B5025	Boshabela Bridge Design	Bridge design engineering services for the design & supervision for the proposed project consisting of two streets, R7 RD 516 & R7 RD 517 in section 1 to 5 in Boshabela Township for Mangungu Metro Municipality, Free State	R 4 250 000	Ronne Harold	Selalie Molo Consulting Engineers	Tawanda Mawurima	0514300544	Other Consultants	2016/01/18	2016/05/30	Maria Chari	Free State
CE1014	Hub Boutique Hotel in Walmer PE	The project entails alterations and additions to the hotel building as well as parking area.	R 3 000 000	Roodt, Liesl	Dennis (Pty) Ltd	Dale Tucker	041 581 2127	Private Sector	2015/03/13	2016/04/30	Coetzee Michael	Eastern Cape
DM0014	UCZN - Student Accommodation	Due to an increasing need for student accommodation, the University of KwaZulu Natal has acquired funding to increase their student accommodation facilities within their campus grounds. The new facilities will include several multi-story underground blocks and separate multi-story post graduate blocks. These are positioned adjacent to an existing sportsfield. The main accommodation structures will be positioned above a concourse which will form a double volume parking area.	R 1 300 000	Pillay Kevesan	IDM Consulting (Pty) Ltd	Seena Dhanraj	031 207 1340	Other Consultants	2016/02/01	2016/04/30	Ellis Jonathan	KwaZulu Natal
B5026	SASA Stage Inspections	Structural stability certification of temporary stage assemblies	R 100 000	Ronne Harold	3D Design	Jan Dugdig	0116081588	Other Consultants	2016/02/26	2016/04/30	Maria Chari	Free State
B5027	SASA Stage Inspections Phase 1	Structural stability certification of temporary stage assemblies	R 400 000	Ronne Harold	Phase 1 Exhibitions	Brenda McCrystal	0114523776	Other Consultants	2016/02/26	2016/04/30	Maria Chari	Free State
BK0095	Road Network Investigation	RRTSA classification of all municipal roads in the Northern Cape Province as well as the minor road investigation including the closing, renumbering and upland GIS	R 2 756 170	Saayman Hendriela	DEPT OF ROADS AND PUBLIC WORKS NC	GABI THUPE	0832570008	Provincial Government	2012/03/01	2016/03/31	Kammenberg Marius	Free State
DM0047	Dube Tradeport Basement	Design and construction supervision for double basement parking at Dube City for multi-story hotel and offices development	R 12 992 340	Vermaak Willem	Dube Tradeport Corporation	Petunia Ntuma	032 814 0000	Parastatal(SANRAL, JRA, Eskom)	2013/12/01	2016/03/31	Duke David	KwaZulu Natal
JU0019	Sublime Technologies Culvert Report	Conveyors and furnaces culvert condition assessment and report	R 15 000	McRae-Sammal Graeme	Sublime Technologies (Pty) Ltd	Riaan Swart	0175486000	Private Sector	2015/02/05	2016/03/31	Mostert Marius	Gauteng South
PF501	Limpopo Dept Agriculture Materials	Turnkey project for supply only of irrigation materials (Dripfeeders, pipes and fittings) to the Limpopo Department of Agriculture - Mopani materials to be delivered to the department's storage yard in Phalaborwa, before 16 Mar 2015	R 2 373 347	De Waal Ernest	LIMPOPO DEPT OF AGRICULTURE MOPANI	M Tapiwanahe	015 294300	Provincial Government	2015/03/01	2016/03/31	Sinden Thomas	Gauteng North
DM0021	Stockville & Cliffdale FAP	Preparation of Functional Area Plans & Draft Scheme for the Stockville & Cliffdale Areas for eThekweni Municipality, which includes a Situational Analysis, Draft FAP's and thereafter Circulation and Amendments	R 50 000	Viljoen Etienne	Iyer Urban Design Studio	Kamalen Gounden	031 202 9550	Private Sector	2015/05/01	2016/03/31	Duke David	KwaZulu Natal
B5024	Kilwatt AV Stage Inspections	Inspections for structural assembly of stages	R 9 000	Ronne Harold	Kilwatt AV	Graeme Kreiner	0827525228	Private Sector	2015/06/31	2016/03/31	Maria Chari	Free State
BW0041	Replacement - Bulk Sewer Line	Design and construct a replacement outfall sewer of approximately 2.8km from Botumelo Hospital to 11th Avenue (Marabastad) with Magesa Construction for Mqhehla Local Municipality.	R 4 307 518	Viljoen Hina	MOQHAKA MUNICIPALITY	MR TM LELAKA	05621691210000	District & Local Gov/Metro Coun	2014/11/19	2016/03/30	Kammenberg Marius	Free State
CE1030	St Albans Prison Road Upgrades	Road and Stormwater Design of access road	R 344 513	Du Toit, Stephanus Francois	SA Fence and Gate	Kevin Dick	051 400 7000	Private Sector	2015/11/11	2016/02/28	Coetzee Michael	Eastern Cape
DM0087	Transnet Mega Store	Pre-feasibility Study and Feasibility Study for Magazone in Lady Smith for Transnet Pipelines - Concept and Design Stage - Rd 2 and 3	R 2 646 000	Du Plessis Siebren	Transnet SOC Ltd	Vincent Thabathe	011 308 3001	Parastatal(SANRAL, JRA, Eskom)	2015/06/01	2016/01/31	Ellis Jonathan	KwaZulu Natal
C1604	Eskom Dept CNC	Phase 1 is the design of the earthworks for the future civil and building works.	R 160 000	Basson Johan	Eskom Holdings SOC Limited	J Chetty	0118005898	Parastatal(SANRAL, JRA, Eskom)	2015/11/01	2016/01/01	Basson Johan	Western Cape
DM0085	DUT Riverside PMB	Civil and structural engineering services for the infrastructure upgrade at the riverside campus of DUT in Pietermaritzburg. Planning includes a new engineering building, lecture halls, library and computer centre.	R 1 270 643	Pillay Kevesan	Durban University of Technology	MP Thambiran	0312754200	Private Sector	2013/08/01	2015/12/31	Ellis Jonathan	KwaZulu Natal
JU0002	E-Las Stair Case & Bridge Repair	Structural repair and upgrade of stair case and bridge. Ballustrade walls at the E-Las.	R 700 000	Mostert Marius	University of Johannesburg	Candice Ruffie	0115594555	Private Sector	2014/05/23	2015/12/31	Mostert Marius	Gauteng South



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Project Number	Project Name	Project Description	Project Fee	Project Manager Name	Client Name	Client Contact	Client Phone Number	Client Type Name	Start Date	End Date	Project Director	Project Region
PA944	Krugersdorp Golf Club	Inspection and advisory services to establish attenuation ponds and waterways to control stormwater flooding on the Golf course as well as lining of existing ponds	R 240 000	Estherhuizen Jacobus	KRUGERSDORP GOLF CLUB	Pierre Kotze	011 6504365	Private Sector	2015/03/01	2015/12/31	Viljoen Hlana	Gauteng North
DM0089	RBD2 Logistics Activity Precinct	Feasibility Assessment of Setting Up a Logistics Platform or Logistics Activity Precinct (LAP) for the Richards Bay Industrial Development Zone	R 1 625 250	Van Der Meulen Michael	Richards Bay IDZ	Thinus Bosh	085 7880571	Private Sector	2015/07/01	2015/12/31	Duke David	KwaZulu Natal
U00028	Leonis Hotel in Togo, Lome	Structural assessment of an existing building for the development of the Leonis Hotel	R 525 200	Wentzel Gert	Industrial Development Corporation	Louise Stander	0112693942	Parastatal(SANRAL, RA, Eskom)	2015/07/01	2015/12/31	Wentzel Gert	Gauteng South
U00029	Isando Bottling Plant	Providing structural foundations, upgrading and adding to existing effluent services for new bottling and reverse osmosis lines	R 50 000	Wentzel Gert	BDS Projects	Deon Scheeman	082 618 5228	Private Sector	2015/07/09	2015/12/31	Wentzel Gert	Gauteng South
BN0042	Upgrading water TW Viljoenskraal	Design and construction for the upgrading of the water purification works in Viljoenskraal. The project involves the determination of the extent of the works required, analysis of the existing water network, detailed design, tender preparation and evaluation, supervision and implementation of the works.	R 14 912 281	Marras Charl	MOQIHALA MUNICIPALITY	MR TM LEIAMA	05621691210000	District & Local Gov/Metro Coun	2015/07/24	2015/12/31	Rouse Nicholas	Free State
PM743	Schulkuins DM Landfill Sites	Valuation services for Landfill Sites: Fekagongo and Mkhondumantlaga as at 30 June 2015	R 65 940	Viljoen Hlana	SEKHUKHUNE DM	Malesela Mokonyama	0132627336	District & Local Gov/Metro Coun	2015/08/01	2015/12/31	Kannenbergh Marius	Gauteng North
DA0022	Concrete Platform for Weigh Pad	A concrete platform is required for a weigh pad used to weigh trucks at a recycling facility in Port Shepstone	R 22 280	Lachman Amith	Hibiscus Coast Municipality	R Dlamini	0898882137	District & Local Gov/Metro Coun	2015/09/01	2015/12/31	Ellis Jonathan	KwaZulu Natal
U00022	Repairs Sampling Plant- Sibhen Mine	Structural Engineering services- assessments, design and detailing of remedial works on existing plant structure	R 79 800	Mostert Marius	African Consulting Surveyors	Willie Timmerman	022 7722 230	Private Sector	2015/04/23	2015/12/01	Mostert Marius	Gauteng South
BS0015	New offices Barbox	Design of new office building and workshops for Barbox	R 2 050 000	Ronne Harald	RAUBEX CONSTRUCTION	JASPER VO BUL	05140620000000	Private Sector	2014/06/09	2015/11/30	Kannenbergh Marius	Free State
BN1116	Dishoanwaning Sanitation Project	Engineering Services for the implementation of the Dishoanwaning Sanitation Project	R 2 500 000	Snyman Hendrieka	ASSMANG LTD	Roelie Piensoo	083 7515342	Resources	2014/11/27	2015/11/30	Kannenbergh Marius	Free State
BN1122	Managing Emergency Water Supply	Assisting with the Project management as requested by Assmang. The project involves the supply of temporary water infrastructure to Maruping village in Ga-Segonyana LM. Temporary water tanks will be supplied and installed on platforms in the village as identified.	R 1 715 665	Snyman Hendrieka	ASSMANG LTD MANGANESE MINES	Roelie Piensoo	053 7515342	Resources	2015/06/22	2015/11/30	Kannenbergh Marius	Free State
BS0023	Conduct Feasibility Study	Conduct feasibility study of new CENTLEC office building	R 89 760	Ronne Harald	Centlec	Molpoone Mokonyane	0514122715	Parastatal(SANRAL, RA, Eskom)	2015/08/01	2015/11/30	Marras Charl	Free State
The Industrial Development Corporation of South Africa Limited (IDC) is actively involved in the financing of projects some of which entail construction. These projects are geographically spread across South Africa and the rest of Africa and include the construction of Healthcare facilities, Leisure and Industrial Buildings. The design development and/or construction implementation of these projects are at different work stages as defined by the Environmental Council and range in size from R1million up to R50million. The IDC therefore requires Quantity Surveying (QS) service on these projects.												
BCM337	Manyaleng Paved Roads	Appointment of professional services: Manyaleng paved roads, phase 4(a) - 2.2km	R 15 000 000	Viljoen Hlana	NALA LOCAL MUNICIPALITY	BC MAKUMELA	056 514 5900	District & Local Gov/Metro Coun	2012/06/21	2015/10/31	Kannenbergh Marius	Free State
BCM338	Design of Vanderloof Waste Water Treatment Works	Professional services for the upgrading of Vanderloof WWTW & Upgrading of Petrusville and Phillipsstown main sewer pipeline	R 17 500 000	Marras Charl	Renosterbert Local Municipality	Hendrik du Plessis	0536660090	District & Local Gov/Metro Coun	2012/07/02	2015/10/31	Kannenbergh Marius	Free State
CL1015	CHDM Potable Water: Cluster 5	Sub-consultancy services for the design and tender documentation preparation for potable water supply to 35 villages.	R 15 000 000	Du Toit, Stephanus Francois	Worley Parsons RSA (Pty) Ltd	Carol White	043 721 1502	Other Consultants	2015/04/13	2015/10/30	Coetzee Michael	Eastern Cape
BN1120	Magobing East Water Reclamation	Assisting with the Project management as requested by Assmang. The projects are within the Joe Morolong Local Municipality and planning and design was done by pre-approved consultants appointed by Joe Morolong Ltd.	R 2 775 429	Snyman Hendrieka	ASSMANG LTD MANGANESE MINES	Roelie Piensoo	053 7515342	Resources	2015/06/27	2015/10/30	Kannenbergh Marius	Free State



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URBAN DEVELOPMENT DIVISION - SELECTION OF COMPLETED & CURRENT PROJECTS

Project No.	Project Name	Project Comment	Project Fee	Project Manager Name	Client Name	Client Contact	Client Phone No.	Client Type Name	Start Date	End Date	Project Director	Project Region
CE1028	St Albans Prison SWMP	The Development of a Stormwater Master Plan for St Albans Prison	R 210 770	Du Toit, Stephanus Francois	Isaacs Secodoc Consulting Engineers	Org Koostra	011 787 5223	Other Consultants	2015/08/25	2015/10/25	Coetzee Michael	Eastern Cape
BW040	Ramunholst Landfill site	Complete professional services in order to construct facilities at the new Landfill site. Complete the licensing and requirements for the closure of the existing Ramunholst municipal landfill site.	R 9 175 420	Mariis Charl	MCOHAKA MUNICIPALITY	MR TM LEJAKA	05621691210000	District & Local Gov/Metro Coun	2014/06/19	2015/09/30	Viljoen Hlira	Free State
CE1010	Marlburg to Cedane Access Road	Provide OHS Service on behalf of MISA Consulting to the King Sabata Dalindyebo Local Municipality for the regreveling of 4.3 km and construction of new 5.2 km gravel access road and the construction of cast in situ bridge	R 9 573 445	Cocks Atoll	MISA Consulting	Zivanda	043 726 6513	Private Sector	2015/01/31	2015/09/30	Tyalingi Monde	Eastern Cape
B5022	Motho TVET Services Report	BULK SERVICES REPORT FOR MOTHOTVET COLLEGE IN BLOEMFONTEIN	R 82 700	Ronne Harald	Am Consulting Engineers	Givon van Eck	0113121569	Other Consultants	2015/07/01	2015/09/30	Mariis Charl	Free State
BK121	Magobing West & Minatoto Sanitation	Assisting with the Project management as requested by Assaring. The projects are within the Joe Morolong Local Municipality and planning and design was done by pre-approved consultants appointed by Joe Morolong LM.	R 1 105 115	Sayman Hendriks	ASSMANG LTD MANGANESE MINES	Rodlie Prinsloo	053 7515342	Resources	2015/06/22	2015/09/18	Kannenber Marius	Free State
DE0035	Technical Support to DRE in Cacadu	This appointment is to provide technical support for the DRE Office, more specific in the maintenance of gravel roads in the Eastern Cape	R 2 870 500	Coetzee Michael	EC Depart of Roads & Public Works	Mariis Keyser	041 403 6041	Provincial Government	2013/09/01	2015/08/31	Coetzee Michael	Eastern Cape
CE1576	Cables in Pipes Study	Study for COCET Cables in Pipes Technical Committee.	R 85 000	King Michael	Una Africa	Shimmy Hendriks	031 569 2544	Private Sector	2015/06/01	2015/08/31	Basson Johan	Western Cape
JU0027	Remedial Review	Failed concrete test cubes - Siloam	R 10 000	Van Heerden Andre	Ykusa Building Contractors SA	V Anglont	011 626 3566	Private Sector	2015/06/25	2015/08/31	Mostert Marius	Gauteng South
CE1017	Walmer Stormwater Retention Ponds	Sub-Consultancy services for the Construction Monitoring and Contract Administration of Walmer Stormwater Retention Ponds project.	R 58 000 000	Du Toit, Stephanus Francois	Jeffries & Green (Pty) Ltd	Jacques du Toit	041 363 1900	Other Consultants	2015/04/01	2015/08/30	Coetzee Michael	Eastern Cape
BCM62	Buy Back Centres	Buy Back Centres for MRM	R 244 800	Mariis Charl	Bikolox Trading Enterprise	Mushin Vakembo	0114393561	Private Sector	2015/04/08	2015/08/30	Kannenber Marius	Free State
JU0020	RBA Inspections	Royal Safeleng Administration Centre, Phokeng - Wind damage	R 15 680	McLae-Samuel Graeme	Zurich Insurance Company Ltd	Brian Wright	011 804 2293	Private Sector	2015/02/09	2015/08/06	Mostert Marius	Gauteng South
CE1006	OHS Service RVS Slope Stabilization	Provide OHS Services on behalf of Worley Parsons to the SANRAL Slope Stabilization project on the R75 near Utterbange	R 63 371 290	Cods Athol	Worley Parsons RSA (Pty) Ltd	Carol White	043 721 1502	Other Consultants	2014/12/01	2015/08/01	Tyalingi Monde	Eastern Cape
BCM28	Winburg/Maleketela: Paving of Streets	Design, Contract doc, supervision 3.6 km of urban streets and stormwater - Design and construction	R 5 985 230	Mariis Charl	MASELONYAMA LOCAL MUNICIPALITY	GEORGE MAKALIKAU	05773301090000	District & Local Gov/Metro Coun	2011/02/04	2015/07/31	Duke David	Free State
CE1008	Spring Street, Cradock Building	The project entails a new 510m² structural steel framed commercial building with mezzanine level.	R 3 250 000	Roodt, Uel	Super Property Trust	Chris Adami	048 881 1678	Private Sector	2015/01/26	2015/07/31	Coetzee Michael	Eastern Cape
CE1011	10 Year Infrastructure Plan	Eastern Cape 10-Year Infrastructure Plan	R 1 598 300	Van Rensburg Johan	ES-ECC	Zwa Msimupela	043 701 3400	Parastatals/SANRAL, JRA, Edcom	2015/09/11	2015/07/31	Van Rensburg Johan	Eastern Cape
B5020	House Fourie Extensions	NEW EXTENSIONS TO HOUSE FOURIE	R 500 000	Ronne Harald	Rudolf Fourie	Rudolf Fourie	0825588202	Private Sector	2015/06/01	2015/07/30	Kannenber Marius	Free State
B5021	Damage to Houses Inspection	INSPECTIONS AND REPORT OF POSSIBLE DAMAGES TO HOUSES	R 15 000	Ronne Harald	Sedlraide/Magotamish e JV	Thabiso Dlamini	0714425580	Private Sector	2015/06/01	2015/07/30	Mariis Charl	Free State
JU0007	Church of Scientology	Phase 0 Due Diligence inspections and reporting on two existing properties in Midrand known as Nyalami Castle and Exulwini.	R 188 273	Nail Wallace Eric	Paragon Architects (Pty) Ltd	Henning Rasmuss	0114823786	Private Sector	2014/07/25	2015/07/25	Wentzel Gert	Gauteng South
BK122	Tsheng Sanitation Project	Project Management Services for the Implementation of the Tsheng Sanitation Project	R 1 500 000	Sayman Hendriks	ASSMANG LTD MANGANESE MINES	Rodlie Prinsloo	053 7515342	Resources	2014/11/27	2015/07/24	Kannenber Marius	Free State
BK114	Elifed Village Water Supply	Project Management services for the Implementation Water Distribution Networks in Koin Elifed and Groot Elifed Village (Kumam District)	R 3 250 000	Sayman Hendriks	ASSMANG LTD MANGANESE MINES	Rodlie Prinsloo	053 7515342	Resources	2014/11/27	2015/07/24	Kannenber Marius	Free State
BK110	Water Network in Cassel	Engineering Services Proposal for the Implementation Water Distribution Network in Cassel	R 4 000 000	Sayman Hendriks	ASSMANG LTD MANGANESE MINES	Rodlie Prinsloo	053 7515342	Resources	2014/11/26	2015/07/17	Kannenber Marius	Free State
J5078	City Deep Social Housing Project	City Deep Social Housing Project - Social Housing Development	R 1 000 000	Mostert Marius	Work in Development	Zayn Shaik	0114864103/4	Private Sector	2012/10/01	2015/06/30	Mostert Marius	Gauteng South
J5111	Project Everest	Upgrade of Existing Brewery in Accra, Ghana to increase production capacity.	R 150 000 000	Wentzel Gert	Accra Breweries Ltd	Amos Allonoo	+233 (208) 133 733	Private Sector	2013/05/01	2015/06/30	Wentzel Gert	Gauteng South
PK240	Nancefield Phase 3	Engineering Services (Civil, Structural, Electrical) for Nancefield Precinct Housing - 3rd social housing units in 4 storey walkups on portion 20 of Erf 1	R 50 000 000	Viljoen Hlira	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Nanyai	0125480422	Other Consultants	2013/05/01	2015/06/30	Kannenber Marius	Gauteng North



URBAN DEVELOPMENT DIVISION - SELECTION OF COMPLETED & CURRENT PROJECTS

Project No.	Project Name	Project Comment	Project Manager Name	Client Name	Client Contact	Client Phone No	Client Type Name	Start Date	End Date	Project Director	Project Region
DM0025	Dube Secondment	Dube - Secondment of a Registered Professional Engineer	R 175 000 Ellis Jonathan	Dube Tradeport Corporation	Petina Ntso	032 814 0000	Parastatals (SANRAL, JRA, Eskom)	2013/06/02	2015/06/30	Kannenberg Marius	KwaZulu Natal
DE0033	Goodhills Square Development	Urban development and services for Goodhills Square in Graaff-Reinet, Camdeboo Local Municipality. Buildings, parking and civil services to the proposed amenities.	R 385 950 Du Toit Stephanus Francois	Camdeboo Local Municipality	L Landu	041 508 7071	District & Local Gov/Metro Coun	2013/07/01	2015/06/30	Coetzee Michael	Eastern Cape
BM0038	Central Sport Grounds	Peggs Trading CC appointed SMEC to complete payment certificates, cashflows and updated works programs on a monthly basis.	R 5 848 653 Viljoen Hilus	PEGAS TRADING CC	DANIEL MATENA	083 684 8052	Private Sector	2014/03/18	2015/06/30	Majors Charl	Free State
BS0016	Bundswalls upgrade	THE UPGRADE MAINTENANCE OR REPAIR OF BUNDWALLS AND MANIFOLDS FOR TRANSPORT AT DEPOTS: KROONSTAD, KLEINSOORP, COALBROOK AND SASOLBURG	R 51 700 Ronne Harald	TRANSPORT RAIL ENGINEERING	PHATUWANI MUDAU	0514082500000	Default	2014/06/17	2015/06/30	Duke David	Free State
BM046	DEA Transfer Station	DEA assistance on Transferration - Thaba Nchu Professional Engineering services for the upgrade of Graaff-Reinet Waste Water Treatment Works, Phase 2b. Various small sized upgrade items like purchasing of pumps, cleaning of evaporation ponds, irrigation and beautification of the existing site.	R 319 950 Marais Charl	Malique Consulting	Ozidi Mlangi	0141333561	Private Sector	2014/07/01	2015/06/30	Kannenberg Marius	Free State
CE0005	Graaff-Reinet WWTW Phase 2B	Relief Waste Water Treatment Works, Phase 2b. Various small sized upgrade items like purchasing of pumps, cleaning of evaporation ponds, irrigation and beautification of the existing site.	R 5 000 000 Van Rensburg Johan	Camdeboo Local Municipality	Ivor Berrington	071 117 6671	District & Local Gov/Metro Coun	2014/10/01	2015/06/30	Coetzee Michael	Eastern Cape
JU0015	Coca-Cola 11/2 Inspection	OHS Act 193 & Construction Regulations 2014 Section 11(2) - Annual Safety Inspections of Structures.	R 132 000 Mostert Marius	Coca-Cola South Africa (Pty) Ltd	Darryl van Vuuren	011 644 0666	Private Sector	2015/01/01	2015/06/01	Mostert Marius	Gauteng South
JB0031	OHS for Upgrading of Mairitsene	Provide OHS services on behalf of MBSA Consulting for the Upgrading of Gravel Roads in Mairitsene	R 113 839 Cocks Athol	MBSA Consulting	Ziyanda	043 726 6513	Private Sector	2015/06/01	2015/06/31	Tyallmoph Monde	Eastern Cape
DM0034	IOC Review of Contracts	The IOC is requesting independent assessment of the viability of these contracts (22 contracts between the two companies) to ascertain whether these contracts are indeed viable and would therefore like to engage independent skilled consultants to assist with determining the scope of work outlined below.	R 789 500 Daniels Melanie	Industrial Development Corporation	Ian Halkind	011 268 3273	Private Sector	2015/08/01	2015/06/31	Duke David	KwaZulu Natal
BM054	Documents for Tennis Court	Documents for Tennis Court	R 25 000 Marais Charl	P&T Moselhe	Phiso Moselhe	0713178680	Private Sector	2015/05/14	2015/05/31	Kannenberg Marius	Free State
BM053	Rehabilitation of Botshabelo Landfill	Rehabilitation of Botshabelo Landfill-Documentation	R 35 000 Marais Charl	OIM Consulting Engineers	Oi Mahiane	0832942384	Private Sector	2015/04/13	2015/05/30	Kannenberg Marius	Free State
BS017	New Residential Property	NEW RESIDENTIAL PROPERTY FOR MR & MRS BOSHOFF ON ERF 3412A MANGAUNG, BLOEMFONTEIN	R 4 000 000 Ronne Harald	R BOSHOFF	H Boshoff	0514488596	Private Sector	2014/11/28	2015/05/01	Kannenberg Marius	Free State
BS006	Kathu Solar Farm Development	The project is an appointment by WBHO Construction to provide them with detail designs for several infrastructure such as buildings, roads and services	R 16 000 000 Ronne Harald	WBHO Construction (Pty) Ltd	Derek Wallace	011 321 7200	Private Sector	2015/05/10	2015/03/31	Marais Charl	Free State
DM0053	Dube Tradeport Special Econ Zone	Appointment of a Service Provider to Undertake Pre-Facility and Feasibility Studies and Develop Strategic Plans for the KwaZulu Natal Dube Trade Port Special Economic Zone	R 3 416 885 Ellis Jonathan	Department Trade and Industry	Alfred Tau	012 384 1041	Provincial Government	2014/02/01	2015/03/31	Duke David	KwaZulu Natal
BM047	Lifting Beams for Terrapins	Report on calculations for capacity of lifting beam for terrapins	R 9 750 Marais Charl	Match east CC	Frikkie Kraucamp	0533130697	Private Sector	2014/08/05	2015/03/31	Kannenberg Marius	Free State
DM0077	ZEMA Civil Engineering Support Association	Civil Engineering Support to Zimball Estate Management Association	R 150 000 Ellis Jonathan	Zimball Estate Management Association	Ricky Naicker	032 538 14300	Private Sector	2014/11/01	2015/03/31	Duke David	KwaZulu Natal
JU0018	Red Pepper Picture-Engineering Ser	Structural Engineering Services	R 138 000 McKee-Samuel Graeme	Red Pepper Pictures (Pty) Ltd	Leenie Fourie	0114467004	Private Sector	2015/01/27	2015/03/31	Mostert Marius	Gauteng South
JS0046	UPGRADE UNISA SP & FLORIDA SL	Upgrade of Unisa Samual Pawe and Florida Science Libraries - Two of the Unisa Libraries have become outdated in terms of ability to cater with the needs of the information age. The libraries are to be stripped of the internal finishes and refit to bring the facilities in line with the technology currently in use. Some structural alterations and additions will also be incorporated in the project.	R 35 000 000 Mostert Marius	UNISA	Jacques Dunn	0124293484	Parastatals (SANRAL, JRA, Eskom)	2015/03/06	2015/03/06	Mostert Marius	Gauteng South
DM0049	Empangeni Oil Storage Development	A Mixed Use Development Adjacent to the N2 and John Ross Highway	R 497 000 Viljoen Edmarie	Sunset Bay Trading 851 (Pty) Ltd	Ashley Van Der Merwe	012 653 6264	Private Sector	2013/12/06	2015/02/28	Duke David	KwaZulu Natal
BM049	Construction Village - Sishen Mine	Project Feasibility Study and Provision of Civil Engineering services for the design of Water and Sanitation Infrastructure, including a booster pumpstation for the conversion of a Construction Village at Sishen Mine in Katsu.	R 213 000 Marais Charl	Anglo American: Kumba Iron Ore	Mariette Sanchez-Garcia	0126228337	Resources	2014/12/09	2015/02/27	Kannenberg Marius	Free State

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Project No.	Project Name	Project Comment	Project Fee	Project Manager Name	Client Name	Client Contact	Client Phone No	Client Type Name	Start Date	End Date	Project Director	Project Region
J5148	Nxoteli Umla	Proposed Nxoteli Hotel to serve as mid to upper scale hotel component. Existing Tropicana Hotel to function as serviced apartments	R 250 000 000	Mostert Marius	Paragon Architects (Pty) Ltd	Hennin Erasmus	011 4832 786	Private Sector	2014/02/16	2015/02/16	Wentzel Gert	Gauteng South
DE0018	Paterson S.A Police Complex	Existing Paterson Police Station to be repaired and renovated. Additional offices and accommodation is required for officers working for this unit	R 20 915 839	Kampman Juan	National Department of Public Works	Nonzamo Mqumemo	041 408 2022	Provincial Government	2012/06/08	2015/04/30	Coetzee Michael	Eastern Cape
J5048	Lebonts II College Additions	BUS SHELTER AND NEW RESIDENCES	R 900 000	Viljoen Cezelle	Royal Bafokeng Institute	Isaraho Phisoane	014 5661 200/14566	Private Sector	2012/03/14	2014/12/31	Mostert Marius	Gauteng South
B0092	Warrenton Water Treatment Works	Viability study for the upgrading of the water treatment works at Warrenton	R 41 700 000	Sayman Hendrieka	Magareng Municipality	Leslie Mabeena	0534973111	District & Local Gov/Metro Coun	2013/03/01	2014/12/31	Marels Charl	Free State
PE158	Thoboyendou Loading Bays	Establishment of embayment facilities for delivery vehicles in Thoboyendou CBD	R 43 860	Shinden Thomas	GLEN STEYN & ASSOCIATES	Glen Steyn	015 236 0361	Private Sector	2013/07/01	2014/12/31	Duke David	Gauteng North
PA537	Kestrel Network Solutions	Appointment as Independent Civil Consultant for Kestrel NS at various sites regarding the installation of Infrastructure on Dolomite	R 10 000	Esterhuizen Jacobus	KESTREL NETWORK SOLUTIONS (PTY) LTD	Jaco Van Niekerk	012 548 4004	Private Sector	2014/09/01	2014/12/31	Munyul George	Gauteng North
JU0004	Jan Collier's Primary School	Rates provided for each staff member	R 72 800	Mostert Marius	Jan Collier's Pre-Primary School	Larnie van Wyk	011 646 3336	Other Consultants	2014/06/01	2014/12/31	Mostert Marius	Gauteng South
CE1002	ID Logistics Warehouse and Platform	Civil and Structural engineering services for ID Logistics in Zone 1, Oega Industrial Zone. Earthworks, Platform and concrete hardstand, with all external civil engineering infrastructure. Structural steel designs for warehouse including concrete floor, and office block.	R 20 000 000	Van Benschurg Johan	Coega Development Corporation	Bruno Ponzo	041 403 0481	Parastatals(SANRAL, JRA, Eskom)	2014/05/01	2014/12/01	Coetzee Michael	Eastern Cape
JU0012	Chloofon Municipal Plans	The project required liaising between surveyors, architect and client to ensure all buildings are on drawing	R 31 800	Wentzel Gert	Clarient	Farook Shaik	011 929 5800	Private Sector	2014/11/01	2014/12/01	Wentzel Gert	Gauteng South
PM244	Bakgatla Ba Moselethe Agriculture	Studies and investigations on the natural resources and infrastructure at the 10 farms of the Bakgatla Ba Moselethe CPA to enable the submission of a Status Quo Report	R 327 488	De Weal Ernst	MUNYAL MALAKA ENGINEERS (PTY) LTD	George Munyal	0125490422	Other Consultants	2013/11/01	2014/11/30	Sinden Thomas	Gauteng North
C1516	Eskom Office/She Layout, Northern	Investigate and provide site layout for various offices and staff accommodation including details up to Municipal approval sites : Kuruman x2, Kethu, Carnarvon, Pampierstad.	R 645 000	Nel Philippus	Eskom Holdings SOC Limited	J Cherry	011 8005898	Parastatals(SANRAL, JRA, Eskom)	2014/06/18	2014/11/30	Basson Johan	Western Cape
ECM48	Services Report Red Rock	Services report for Red rock	R 7 500	Marels Charl	Selero trust	Stephen le Roux	0825600336	Private Sector	2014/10/06	2014/11/30	Kannenbergh Marius	Free State
DM0030	PWIK Boulevard Park	Civil and Structural Engineering Services for Private Developer PWIK Developments for approximately 500 mini factories (typically 200m squared to 1000m squared in total plan area) and mezzanine floors on 3.6ha site in Boulevard Park, Cornubia. Services include traffic impact assessment, site works, parking, storm water management, foundations and building structures.	R 500 000	Vermaak Willem	PWIK Developments	Dan Gardner	081 562 1117	Private Sector	2013/06/25	2014/10/31	Duke David	KwaZulu Natal
PA955	MTN - Provision of Infrastructure	Provision of telecommunication infrastructure on dolomite soils. Dolomite specifications and inspections on various sites for MTN, Netcell, Kestrel and Department of Public Works in the Thaba Tswane area.	R 100 000	Esterhuizen Jacobus	XUMA Technologies	Lardus Kriel	0861 711 117	Private Sector	2013/10/01	2014/10/31	Duke David	Gauteng North
C1532	Traffic Statement Still Bay West	Traffic Statement for Erven 4421, 4463, 4474, 4097 and 4159 in Still Bay West	R 19 000	Van Aardt Frans	WF Botha Attorneys	Willem Botha	028 754 1362	Private Sector	2014/09/30	2014/10/31	Van Aardt Frans	Western Cape
JU0001	Red Pepper roof Investigation	Investigation on Red Pepper leaking roof	R 15 000	Viljoen Cezelle	Estee Automation	J Van der Werthuisen	083 275 557	Private Sector	2014/10/27	2014/10/31	Mostert Marius	Gauteng South
DE0035	Gobinamba Senior Secondary School	Provision of professional civil engineering services for detailed planning, procurement support and construction monitoring for the construction of schools in the Eastern Cape under the (Accelerated Schools Infrastructure Development Initiative) ASIDI programme. Lum sum project - labour effort to be used - ECSA CAPPED - 35% discount	R 73 583 563	Van Rensburg Johan	Development Bank of South Africa	Aubrey Katsana	011 313 9911	Parastatals(SANRAL, JRA, Eskom)	2013/10/01	2014/10/01	Coetzee Michael	Eastern Cape

URBAN DEVELOPMENT DIVISION - SELECTION OF COMPLETED & CURRENT PROJECTS

Project Number	Project Name	Project Comment	Project Fee	Project Manager Name	Client Name	Client Contact	Client Phone No	Client Type Name	Start Date	End Date	Project Director	Project Region
DE0037	Dalibong Senior Primary School	Provision of professional civil engineering services for detailed planning, procurement support and construction monitoring for the construction of schools in the Eastern Cape under the (Accelerated Schools Infrastructure Development Initiative) ASIDI programme. Lum sum project but effort multiplier rate to be used is ECSA Capped less 35% discount.	R 73 583 963	Van Rensburg Johan	Development Bank of South Africa	Audrey Ketsana	011 313 3911	Parastatal/SANRAL, JRA, Eskom	2013/10/01	2014/10/01	Coetzee Michael	Eastern Cape
DE0038	Wabans Senior Secondary School	Provision of professional civil engineering services for detailed planning, procurement support and construction monitoring for the construction of schools in the Eastern Cape under the (Accelerated Schools Infrastructure Development Initiative) ASIDI programme. Lum sum project effort multiplier rate to be used ECSA Capped less 35% discount.	R 73 583 963	Van Rensburg Johan	Development Bank of South Africa	Audrey Ketsana	011 313 3911	Parastatal/SANRAL, JRA, Eskom	2013/10/01	2014/10/01	Coetzee Michael	Eastern Cape
DE0039	Storms River Primary School	Civil & Structural Engineering Services for Storms River Primary School. Construction of new school	R 8 000 000	Roodt, Liel	EC Depart of Roads & Public Works	Marius Keyser	041 403 6041	Provincial Government	2013/10/01	2014/09/30	Coetzee Michael	Eastern Cape
DE0040	Baviaans Sport Fields	Professional Services Baviaans Multi Year Projects - Civil engineering services for the development of sport fields in the Baviaans Local Municipality	R 1 000 000	Van Rensburg Johan	Baviaans Local Municipality	Z Vinsenzonke	044 923 1004	District & Local Gov/Metro Coun	2013/10/01	2014/09/30	Coetzee Michael	Eastern Cape
PA930	EOH Dolomite Inspections	Inspections of Communication Infrastructure located on dolomitic soil for EOR on Department of Defence property	R 200 000	Esterhuizen Jacobus	EOH INTELLIGENT INFRASTRUCTURE	Fanie Erasmus	011 844 3200	Private Sector	2013/08/01	2014/08/31	Duke David	Gauteng North
DE0042	OHS - Construction of Gravel Roads	Provide OHS for the construction of 16km of gravel access road, construction of high and low level river crossings and construction of storm water pipes.	R 50 255	Cocks Athol	MBSA Consulting	Ziyanda	043 726 6513	Private Sector	2013/12/01	2014/08/31	Tydlimpi Monde	Eastern Cape
CE1003	Jeffrey's Bay Windfarm Add Works	Additional work is required at the windfarm such as a new building, electrical gates, paving and shaded parking.	R 20 088	Kampman Juan	Jeffrey's Bay Wind Farm	Hannes Bester	041 180 4601	Private Sector	2014/07/10	2014/08/15	Coetzee Michael	Eastern Cape
DE0026	Langbos Bulk Water Supply	The Design, Tender documentation and implementation of a bulk water reservoir and pipeline. It also includes the site supervision and to act as lead agent over an emerging consultant.	R 486 400	Kampman Juan	Sunday's River Valley Municipality	V. Zilumane	042 220 7794	District & Local Gov/Metro Coun	2013/01/07	2014/07/01	Coetzee Michael	Eastern Cape
DE0027	Langbos Waste Water Pumpstation	The Design, Tender documentation and implementation of a waste water pump station and bulk sewer outfall pipeline. It also includes the site supervision and to act as lead agent over an emerging consultant.	R 457 700	Kampman Juan	Sunday's River Valley Municipality	V. Zilumane	042 220 7794	District & Local Gov/Metro Coun	2013/01/07	2014/07/01	Coetzee Michael	Eastern Cape
JU0003	Stabilime Tech Structural Invest	Structural Investigation.	R 24 000	McRae-Samuel Graeme	Stabilime Technologies (Pty) Ltd	Riaan Swart	037 648 6000	Private Sector	2014/05/01	2014/07/01	Mostert Marius	Gauteng South
PM714	Nancefield Station Precinct	Development of the site for high and medium density housing, general businesses, office and public areas around public transport.	R 10 300 000	Van Stuntemarkensdyk Marianne	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyai	012 549 0422	Other Consultants	2012/01/01	2014/06/30	Viljoen Hlulu	Gauteng North
DE0021	Mount Fletcher Rural Water Scheme	Appointment to provide OHS Agency and reporting services on the following contracts for the Mount Fletcher Rural Water Supply Scheme, a) Contract 51/2010: Desquaine Village; b) Contract 52/2010: Grovity Main B; c) Contract 53/2012: Tsekong Village; d) Contract 57/2010: Tshwana Village	R 41 150	Cocks Athol	Ron Beard Associates	Ron Beard	043 726 4677	Other Consultants	2012/09/01	2014/06/30	Tydlimpi Monde	Eastern Cape
JS0075	Engcobo Retail Centre	Engcobo Retail Centre - Structural Service - Design of a Mini - Multi - Tenanted Shopping Centre	R 75 000	Mostert Marius	ARLM Developments (Pty) Ltd	Netscha	011 315 5440	Private Sector	2012/10/02	2014/06/30	Mostert Marius	Gauteng South
B5010	Batho Township Greening project	The design of water and sewer reticulation for the abolition facilities and pavilion in the Batho Township	R 2 000 000	Ronne Harold	OS Online Quantity Surveyors	MS Ramabodu	0514490851	Private Sector	2013/02/20	2014/06/30	Duke David	Free State
PC241	Umsimshulu Comm Health Centre	The provision of engineering services for Umsimshulu Community Health Centre	R 23 000 000	Viljoen Hlulu	BT MONGWE & ASSOCIATES	LI Mongwe	011 440 3993	Other Consultants	2013/05/01	2014/06/30	Kannenberg Marits	Gauteng North
CL513	Cooling Towers Brackenfell Complex	Investigation and report on possible upgrading of cooling towers.	R 27 300	Nai Phillipus	Eskom Holdings SOC Limited	J Chetty	0118005698	Parastatal/SANRAL, JRA, Eskom	2014/05/26	2014/06/30	Basson Johan	Western Cape
DE0044	OHS - Bulk Water Supply Rhodes Univ	Provide OHS for the Bulk Water Supply to Rhodes University in Grahamstown	R 3 900	Cocks Athol	MBS Consulting Engineers	Pravesh Rosib	046 622 7223	Private Sector	2014/01/13	2014/05/31	Duke David	Eastern Cape
JS254	APB Campus Soccer Lighting	Structural Assessment of six existing light masts at the APB Campus, soccer field.	R 81 613	Mostert Marius	University of Johannesburg	Candice Ratlle	0115594555	Private Sector	2014/03/03	2014/04/30	Mostert Marius	Gauteng South



URBAN DEVELOPMENT DIVISION - SELECTION OF COMPLETED & CURRENT PROJECTS

Project No.	Project Name	Project Comment	Project Fee	Project Manager/Name	Client Name	Client Contact	Client Phone No.	Client Type Name	Start Date	End Date	Project Director	Project Region
JU0001	SABS Civil and Cement Laboratories	Upgrade of the existing Civil and Cement Laboratory at the SABS Campus in Groenbloom, Pretoria. Refurbishment of existing building elements, provision of new elements and extension and the replanning and re-positioning as required of testing equipment and apparatus.	R 10 800	Nell Wallace Eric	SABS	Luvuyo Mabese	012 4237911	Parastatah(SANRAL, JRA, Eskom)	2014/04/02	2014/04/30	Wentzel Gert	Gauteng South
CJ474	Klawer Valley Water	Civil Engineering services for Department of defense: Simonsburg Naval Base: Klawer Valley. Replacement of water distribution system including replacement of valves, pipes, treatment works and connecting to City of Cape Towns water network.	R 406 875	Rasson Johan	National Department of Public Works	BJ Mong	021 402 2033	Provincial Government	2013/11/01	2014/03/31	Rasson Johan	Western Cape
DM0054	Cornubia Marshall Dam	Cornubia Marshall Dam 1000 Unit Development - Feasibility Study & Engineering Services	R 50 000	Wentzel Gert	REA Developments (Pty) Ltd	Francois Le Roux	011 483 5000	Private Sector	2014/02/26	2014/03/31	Duke David	KwaZulu Natal
BW037	HDA Services Reports	HDA due diligence investigation of the bulk and infrastructure status quo and analysis for 2 properties in Bilsbasing LM and 3 properties in Mofalaha LM	R 600 016	Viljoen Hlina	Housing Development Agency	Ngebo Khwenyana	0115441000	Private Sector	2013/11/16	2014/03/30	Duke David	Free State
BS013	Ruwacoon New Office	Design of a new steel framed first floor for additional office space above existing parking area	R 5 000 000	Ronne Harald	Ruwacoon	Kobus Markram	0128043245	Private Sector	2014/02/14	2014/03/30	Duke David	Free State
DM0015	Richards Bay IDZ	Richards Bay Industrial Development Zone - Planning	R 950 000	Ellis Jonathan	Foetus Project Management	Trevi Apinan	0313122091	Private Sector	2013/07/01	2014/02/28	Duke David	KwaZulu Natal
BCM42	Civil Services - Huawei	Repair outstanding Civil Services for Huawei	R 791 570	Marras Charl	Huawei Technologies South Africa	Chen Hui	0115179800	Private Sector	2013/11/01	2014/02/28	Duke David	Free State
DM0046	Athletics Track	Design and Specifications for Athletics Track for City of uMkhathuzhe Municipality	R 120 000	Marras Charl	City of uMkhathuzhe	A Zahre	035 907 5000	District & Local Gov/Metro Council	2013/11/01	2014/02/28	Duke David	KwaZulu Natal
BS012	Hanger Street Bridge	Investigation into the capacity of the Hanger Street Pedestrian Bridge for a safe to cross over	R 5 000	Ronne Harald	Interstate Bus Lines	Annette van der Zwaard	0514087036	Private Sector	2014/02/04	2014/02/28	Duke David	Free State
PP480	Westonaria Magistrates Offices	The building is located in Westonaria suburb in the West Rand, which is in a dolomite area prone to sinkhole formation. The project was to replace existing underground services such as manholes, water, sewer, storm water pipes etc. with the continuously welded HDPE material to minimise formation of sinkholes. The designs are compliant with "W244 Guidelines for Consultants" of the National Department of Public Works.	R 1 841 327	Esterhuizen Jacobus	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyai	0125490422	Other Consultants	2011/01/28	2014/01/31	Munyal George	Gauteng North
PEL91	Modimolle and Bochum Site Clearance	The project entails Site Clearance and Services Assessment in respect of - ERF 255 Bochum A: Department of Home Affairs offices construction of new state owned property. - and ERF 2883 Modimolle X 15: Construction of government Buildings	R 44 000	Sinden Thomas	RIAN BEUKES	Rian Beukes	015 230 0010	Private Sector	2013/01/01	2014/01/31	Munyal George	Gauteng North
DM0038	BBS Farm Engineering Services	Contracting of a Service Provider for Engineering Services for BBS Farms	R 55 316	Lachman Anith	Agribusiness Development Agency	Carol Snykwaal	031 347 8514	Private Sector	2013/09/01	2014/01/31	Duke David	KwaZulu Natal
PG388	Thabazimbi Hospital Phase 3	Civil Structural and Bulk Earthworks for a new Hospital at Thabazimbi, Phase 3 and 4, Wards, Theatres, Laboratory, Transport offices, Recreation, Staff housing and Services Blocks.	R 48 000 000	Esterhuizen Jacobus	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyai	0125490422	Other Consultants	2011/08/22	2013/12/31	Viljoen Hlina	Gauteng North
JS021	Sublime Technologies Workshop	Factory Extension	R 570 000	McGee-Samuel Graeme	Sublime Technologies (Pty) Ltd	Riaan Swart	0176486000	Private Sector	2011/09/29	2013/12/31	Mostert Maries	Gauteng South
DM0018	New Multi Products Pipeline	The provision of erosion control and mitigation measures for sections TLI KPO - KPL10 of NAMPP servitude	R 422 340	Ellis Jonathan	Transnet SOC Ltd	Vincent Thabathe	011 308 3001	Parastatah(SANRAL, JRA, Eskom)	2012/08/01	2013/12/31	Duke David	KwaZulu Natal
DM0015	SABS Don Building Refurb	Refurbishment of existing SABS building to improve utilisation, Civil structural/mechanical/ engineering input required. Preliminary input only required at this stage.	R 30 600	Vermaak Willem	Asha Project Managers (Pty) Ltd	Barry Nasde	031 830 5206/7	Private Sector	2013/11/01	2013/12/31	Duke David	KwaZulu Natal



URBAN DEVELOPMENT DIVISION - SELECTION OF COMPLETED & CURRENT PROJECTS

Project Number	Project Name	Project Comment	Project Fee	Project Manager Name	Client Name	Client Contact	Client Phone Number	Client Type Name	Start Date	End Date	Project Director	Project Region
PK239	Hoedspruit Sewage Plant	The provision of Engineering Services for the upgrading and extension to Hoedspruit Sewage Plant. Upgrading of the treatment works (capacity 1,5Ml/day to a total of 4Ml/day).	R 300 000	Sinden Thomas	NRM Consulting	Oupa Mathebula	015 291 5565	Other Consultants	2012/10/01	2013/10/31	Kannenberg Marius	Gauteng North
DE0034	IFPS Quarry Park Main Route 1	Design, Project Management and administration of main routes from Quarry Park Terminus to Malers as part of the IFPS Pilot Route	R 799 751	Samuelson Abdul	Nelson Mandela Bay Municipality	Adv. Tamase	041 505 4582	District & Local Gov/Metro Coun	2013/06/01	2013/10/31	Coetzee Michael	Eastern Cape
JS030	Ghana Brewery	Development of Greenfields Brewery in Ghana	R 600 000	Wentzel Gert	Asia (Pty) Ltd	Anos Alhoun	+233 30 266 8851-6	Private Sector	2013/12/08	2013/09/30	Wentzel Gert	Gauteng South
JS076	Mehlomakulu Retail Centre - Sterkfontein	Mehlomakulu Retail Centre - Sterkfontein - Structural Service - Design of a 3000 cubic metre (regional area) Shopping Centre	R 75 000	Mostert Marius	GLS Mehlomakulu Properties	Lungelo Mehlomakulu	084 303 9905	Private Sector	2012/08/14	2013/09/30	Mostert Marius	Gauteng South
BCM35	2Ml Reservoir: Thaba Nchu	Survey, Geotechnical and supervision for CSW Water on the construction of a new 2Ml reservoir for absement water in Thaba Nchu	R 2 500 000	Marius Charl	CSW WATER	G VLOK	083 282 2383	Other Consultants	2012/03/02	2013/06/31	Duke David	Free State
CL456	Kleine Zebra TIA Waldoort Development	Analysis of Intersection and Report.	R 30 000	Bason Johan	Kleine Zebra (Pty) Ltd	Mirsha Steenkamp	021 880 0717	Private Sector	2013/07/01	2013/08/31	Bason Johan	Western Cape
DM0031	McCorrds Hospital	Crack team deployment request to assist McCorrds Hospital	R 505 216	Vermaak Willem	KZM PROVINCIAL TREASURY	MUSA CERESA	0338974 200	Central Government	2013/07/01	2013/06/31	Duke David	KwaZulu Natal
PA921	New Library COFET Sesho Campus	The project entails the provision of Civil Engineering Services for the new library building at the Sesho Campus of Capricorn College for FET near Polokwane in Limpopo Province.	R 151 865	De Waal Ernst	CAPRICORN COLLEGE FOR FET	KV Langa	015 2913115	Parastatal(SANRAL, JRA, Eskom)	2012/07/01	2013/07/31	Munyai George	Gauteng North
JS090	Transformer Blow-out Expert Witness	The project's scope is to provide expert knowledge on a transformer blow-out that took place at Etruhleni Metropolitan Municipality's substations).	R 20 000	Cossa Nicodimus Spho	DM Bakker Attorneys	Dirk Bakker	0117631592	Private Sector	2013/04/15	2013/07/31	Wentzel Gert	Gauteng South
BW095	F5 Sterkfontein Report	Compilation of an engineering report for the Sterkfontein Dam: EPWP project	R 44 210	Viljoen Hilla	AMK & AMS Town Planners & Architect	Aubrey Mahe	0824189146	Private Sector	2013/05/06	2013/07/30	Marius Charl	Free State
DE0029	NMMU Missionvale Water Pipelines	The investigation and location of existing water pipelines at the Missionvale Campus of Nelson Mandela Metropolitan University (NMMU). Specialist detection services will also be utilized as a sub-consultant.	R 37 000	Van Rensburg Johan	Nelson Mandela Metropolitan University	Jakes Jacobs	041 504 2071	Private Sector	2013/07/01	2013/07/20	Coetzee Michael	Eastern Cape
JS063	CRC - Turkuva Goldmine, Ghana	Design of Component Rebuild Centre, Tarkwa Goldmine in Ghana	R 221 000	Viljoen Cecile	Pinnacle Projects	Tommy Mulhron	0117633454	Private Sector	2012/07/06	2013/07/06	Mostert Marius	Gauteng South
DE0009	OHS for N9 Slope Stability(Terreco)	Provide OHS services on behalf of Terreco to the SANRAL slope stability project on the Loopsberg pass on the N9 between Graaff Reinet & Middelburg	R 78 035	Cocks Athol	WorleyParsons RSA (Pty) Ltd	Delene Murle	(043) 721 1502	Other Consultants	2011/12/01	2013/06/30	Cocks Athol	Eastern Cape
JS060	Impala Platinum Engagement Centre	Extension of the Engagement Centrium	R 60 000	Viljoen Copelle	De Leeuw Group	Weston Weekwright	0113805400	Private Sector	2012/07/08	2013/06/30	Mostert Marius	Gauteng South
DA0014	Kwaadukwa LED Strategy	Regional Infrastructure Duo and Options Report	R 70 175	Ellis Jonathan	Focus Project Management	Tim Arjunan	0313122091	Private Sector	2013/05/16	2013/06/30	Duke David	KwaZulu Natal
DE0023	Jeffrey's Bay Wind Farm	Site Management during the construction period for the Jeffrey's Bay Wind Farm: Construction of 80 wind turbines with associated civil and electrical works for the new 138 MW Wind Farm at Jeffrey's Bay	R 1 991 279	Lods Christo	Mainstream Renewable Power	Len Qulini	021 405 5340	Private Sector	2012/11/15	2013/05/31	Coetzee Michael	Eastern Cape
JS051	Musket Roof Assessment	Musket Roof Assessment Service Proposal	R 40 000	Mostert Marius	Musket Limited	Murray Southern	0112371000	Private Sector	2012/05/09	2013/05/09	Mostert Marius	Gauteng South
JS019	RBA - TVET - Post Office	RBA - TVET - POST OFFICE BUILDING UPGRADE (PHASE 2)	R 100 000	Wentzel Gert	Royal Barokong Institute	Karabo Phisoane	0145661200/4566	Private Sector	2011/09/05	2013/04/10	Mostert Marius	Gauteng South
BCN033	Woodland Hills Road assessment	Investigation, Design, documentation and construction.	R 138 137	Marius Charl	Woodward Hills Wildlife Estate	Wimpey Mahan	0825550095	Private Sector	2011/06/01	2013/02/28	Heys Bernhard	Free State
PK233	New CYDC at GA-Phasa, Burgersfort	Site Investigation for a new Community Youth Development Centre Facility in Ga-Phasa near Burgersfort in the Sekhukhune District of Limpopo Province	R 160 324	Sinden Thomas	NRM Consulting	Oupa Mathebula	015 291 5565	Other Consultants	2012/02/01	2013/02/28	Munyai George	Gauteng North
CL354	Ryneveld Plaza, Stellenbosch	Traffic Impact Assessment	R 43 000	Botha Jacobus	Ryneveld Plaza Regeneration	Francois Viers	021-883 8958	Private Sector	2012/09/01	2013/02/28	Bason Johan	Western Cape
PE189	Elandsfontein Farm Floodline Cert.	Determine and certify floodline of Farm Elandsfontein : Certification for portions 450,451,569,475 and 488	R 60 000	Dr Fin Paul	EMENDO TOWN & REGIONAL PLANNERS	T Molana	012 346-2526	Private Sector	2012/07/01	2013/02/28	Munyai George	Gauteng North
JS058	RBA-Industrial Park	Design a light Industrial Warehouse	R 380 000	Viljoen Cecile	De Leeuw Group	Weston Weekwright	0113805400	Private Sector	2012/07/03	2013/02/28	Mostert Marius	Gauteng South

URBAN DEVELOPMENT DIVISION - SELECTION OF COMPLETED & CURRENT PROJECTS

Project Number	Project Name	Project Comment	Project Fee	Project Manager Name	Client Name	Client Contact	Client Phone (R)	Client Type Name	Start Date	End Date	Project Director	Project Region
DE0022	OHS for R61 Qamata Slope Stability	Provide OHS services on behalf of Tereco to the SANPAT Slope stability project on National Route 61 Section 5: Qamata Slope Stabilization between Queantown and Coimela (R61 R651 050-2011/1)	R 31 100	Cocks Athol	WorldPayam R&A (Pty) Ltd	Dalene Mure	(043) 721 1502	Other Consultants	2012/09/01	2013/02/28	Cocks Athol	Eastern Cape
JD045	SUD CHEMIE HO ALT CHLOOROP	PROPOSED ALTERATIONS FOR SUD-CHEMIE HEAD OFFICE ALTERATIONS, CHLOOROP: PROJECT MANAGEMENT, LAND SURVEY AND ARCHITECTURAL SPACE PLANNING FOR SUD CHEMIE HEAD OFFICE ALTERATIONS, CHLOOROP	R 85 288	Bailey Bonniemarie	SUD CHEMIE	J Morrison	0119295815	Private Sector	2012/02/24	2013/02/24	Wentzel Gert	Gauteng South
DE0017	NIMAMU Taxi Rank	To provide civil and traffic professional consulting services including principal agent services for the proposed taxi rank envisaged to be constructed on the corner of University Way and Gossy Road	R 124 236	Du Toit, Stephanus Francois	Nelson Mandela Metropolitan Univer	Jakes Jacobs	041 504 2071	Private Sector	2012/07/02	2013/02/16	Coetzee Michael	Eastern Cape
JS037	175 Chantwell House	Melrose North House	R 400 000	Viljoen Cezelle	175 Chantwell (Pty) Ltd	Otto Muller	011 549 7333	Private Sector	2012/01/24	2013/01/24	Mostert Marius	Gauteng South
JS008	Coira Towers	Telcom Towers	R 46 000	Van Ede Willem	Coira South Africa (Pty) Ltd	Zandri Burger	0118176000	Private Sector	2011/04/30	2012/12/31	Mostert Marius	Gauteng South
BS007	Bloemfontein Makro Site Inspections	Perform site inspections of structural steel and concrete on behalf of L&S Consulting Engineers	R 60 000 000	Ronne Harald	L&S CONSULTING PTY LTD	JACO OOSTHUIZEN	011 463 4020	Other Consultants	2012/02/01	2012/12/31	Duke David	Free State
BC106	De Aar Sportgrounds: Business Plan	Preparation of business plan for upgrading of De Aar Sports Grounds	R 25 000	Marais Charl	EMTHANENI MUNICIPALITY	MR FO TALALAARD	05363231000000	District & Local Gov/Metro Coun	2012/02/02	2012/12/31	Heys Bernhard	Free State
DA0008	Port Zimballi Stables	Port Zimballi Stables: Engineering Input for the Scheme Amendment and Subdivision Application for Port Zimballi: Stables (Portion 10 (of 9) of the Farm Lot 52 of 1566	R 33 100	Duke David	KABOD DEVELOPMENT GROUP	M Roos	082 337 7271	Private Sector	2012/06/01	2012/12/31	Duke David	Kwazulu Natal
DE0950	Fort Beaufort Pavement Repairs	Fort Beaufort Pavement Repairs	R 178 717	Cocks Athol	Nomkobe Local Municipality	Ungieba Ntweni	04664574110000	District & Local Gov/Metro Coun	2012/06/04	2012/12/31	Cocks Athol	Eastern Cape
PK238	Puremission - Mechanical Support	Sub-consultant to Puremission who is appointed as the mechanical engineer for the design of the Bulk Mine DMS plant. Scope includes design of bulk material handling equipment, feeders, chutes, screens, cyclones, slurry pumps, pipe reticulation and storage.	R 84 000	Nell Wallace Eric	PUREMISSION ENGINEERING	Sam du Plessis	0115690893	Other Consultants	2012/10/01	2012/12/31	Nell Wallace Eric	Gauteng South
BS008	Kothu Vehicle Testing Station	The design and construction supervision of the new Kothu vehicle testing station for the local department of transport	R 3 500 000	Ronne Harald	CSKO Architects (NW) cc	Riaan Boesge	0539270234	Private Sector	2012/07/05	2012/12/15	Duke David	Free State
JS080	K2 Properties CC - 366 Kent Avenue	Structural Report on 366 Kent Avenue	R 9 000	Van Heerden Andre	K2 Properties CC - 366 Kent Avenue	Brenda Robinson	0836016068	Private Sector	2012/10/19	2012/11/30	Mostert Marius	Gauteng South
JS027	Luanda Waterfront Property Development	Sourcing of possible land developers to buy/develop sewer land created by dredging at Luanda Waterfront	R 20 000	Wentzel Gert	Paragon Architects (Pty) Ltd	Hennig Basmiss	0114823796	Private Sector	2011/09/01	2012/11/16	Wentzel Gert	Gauteng South
JS025	Westonaria School Structural Inspection	Westonaria School Structural Inspection	R 89 800	Mostert Marius	Stonkie Facilities Management	Charles Sawe	0117846584/011666	Private Sector	2011/11/14	2012/11/14	Mostert Marius	Gauteng South
DE0016	Groundwater Management Plan	Preparation of Groundwater Management Plan	R 150 000	Loos Christo	Candlebox Municipality	Jon-Berlington	071 117 6671 / 0498	District & Local Gov/Metro Coun	2012/06/01	2012/10/31	Coetzee Michael	Eastern Cape
JS020	RBA - TVET - CONS SCHOOL	RBA - TVET - CONSTRUCTION SCHOOL (PHASE 3)	R 200 000	Wentzel Gert	Royal Barokong Institute	Karabo Phisoane	0145661200/14566	Private Sector	2011/10/05	2012/10/05	Mostert Marius	Gauteng South
BA0031	NC Bridge Inspections	Inspection of 60 bridges in the Northern Cape Province to the Provincial Forum	R 343 000	Heys Bernhard	AURECON	JOHAN VIKTOR	012 4272788	Other Consultants	2011/09/01	2012/09/30	Heys Bernhard	Free State
DE0008	Tyefu SAPS	Tyefu SAPS: Construction of a complete Boundary Fence, WCS 050005: Professional services for the removal of the existing fence and the installation of a new welded mesh fence as well as backfilling of a retention pond.	R 1 117 200	Kampman Jan	National Department of Public Works	Nontzamo Mngumvu	041 408 2022	Provincial Government	2011/11/14	2012/08/31	Coetzee Michael	Eastern Cape
CL358	Cape Flats Sewer Assessment	Subsidiary to Four Arrows to assess their Inspections by CCTV, later and sonar of the Cape Flats 1 (1067mm D/A) and Cape Flats 2 (1500mm D/A) sewer and prepare an assessment report for City of Cape Town.	R 60 000	King Michael	Four Arrows Investments 60 (Pty) Ltd	Matthew Owens	012 664 2694	Provincial Government	2012/05/01	2012/08/31	Rasson Johan	Western Cape
PG357	Thabazimbi Hospital Admin and OPD	Civil Engineers for a new Hospital in Thabazimbi. Construction of Civil Engineering Services and Bulk Earthworks for OPD and Administration Buildings	R 32 094 082	Esterhuizen Jacobus	MUNYAI MALAMA ENGINEERS (PTY) LTD	George Munyai	0125490422	Other Consultants	2011/03/08	2012/07/31	Viljoen Hlisa	Gauteng North
JS010	Woodland Hill Wildlife Estate	Convenience Centre	R 610 100	Van Ede Willem	Woodland Hills Wildlife Estate	Wimpe Malan	0113155440	Private Sector	2011/04/07	2012/07/31	Mostert Marius	Gauteng South



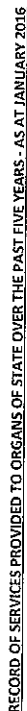
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URBAN DEVELOPMENT DIVISION - SELECTION OF COMPLETED & CURRENT PROJECTS

Project Number	Project Name	Project Comment	Project Fee	Project Manager Name	Client Name	Client Contact	Client Phone Number	Client Type Name	Start Date	End Date	Project Director	Project Region
IS012	Woodlands Shopping Centre	Woodlands Shopping centre	R 877 001	Wentzel Gert	Cape Town 502 Investments Pty (Ltd)	Allan Hsu	011 011 2299	Private Sector	2011/07/21	2012/07/21	Wentzel Gert	Gauteng South
CL324	Robertson Siphon Upgrade	Design, Tender, Contract Administration and Site Monitoring of the Upgrading of 2.3km 438mm O.D. Concrete Raw Water Pipeline	R 170 000	King Michael	Langeberg Municipality	Franscois van Tolander	023 626 5200	District & Local Gov/Metro Coun	2011/09/01	2012/06/30	Basson Johan	Western Cape
DA966	Rural Development and Land Reform	Panel of Experts to Provide Technical & Specialist advice to the Dept of Rural Development and Land Reform with respect to various matters relating to the implementation of civil engineering and related projects in FZM	R 34 200	Duke David	Dept of Rural Development and Land	Colleen van Rooyen	033 264 9500	Central Government	2011/01/18	2012/02/28	Duke David	KwaZulu Natal
X2003	Lusaka Streets	Act as design and supervision consultant for a Design and Construct Joint Venture to upgrade 23 km of urban streets in Lusaka to a paved road standard.	R 1 974 025	Wentzel Gert	ZMCC 244818A	Jan Miller	+260 977 879281	Other Consultants	2011/04/01	2012/02/01	Taite Arthur	Gauteng South
LS013	House Oker	New House	R 100 000	Viljoen Ocellie	Sublime Technologies (Pty) Ltd	Riaan Swart	0176466000	Private Sector	2011/01/07	2012/01/07	Mostert Marius	Gauteng South
BW032	Winburg Water tower	Selected Engineering Services for new water tower at Tongkanyeng Primary School Geotechnical Evaluation and Foundation Design for 1000litre Sectional Steel Water Tank	R 20 045	Viljoen Hlino	MAQASA BUILDING AND MAINTENANCE	PAULUS CHABED	082 5999 215	Private Sector	2011/08/12	2011/11/30	Heyns Bernhard	Free State
BW033	Brandford Water Tower	Selected Engineering Services for new water tower at W.S.M. Mabole Primary School: Geotechnical Investigation and Foundation Design for 2000litre Sectional Steel Water Tank	R 32 474	Viljoen Hlino	PEGAS TRADING CC	DANIEL MATENA	083 684 8052	Private Sector	2011/08/29	2011/11/30	Heyns Bernhard	Free State
BCM29	Upgrading of Riklie Waterwater Treatment Work	Assessment report for Frances Baard District Municipality on all WTW & WWTW plants.	R 521 620	Marras Charl	FRANCES BAARD DISTRICT MUNICIPALITY	M Bopatz	053 - 8380959	District & Local Gov/Metro Coun	2011/03/01	2011/08/31	Heyns Bernhard	Free State
PM707	Lephalele Mun. Cemeteries	Composition of Comprehensive Report relating to the Establishment of Rural and Urban Cemeteries	R 406 200	Grobler Pieter	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyal	0125490422	Other Consultants	2011/05/13	2011/08/31	Munyal George	Gauteng North
DE0001	PGDP review and update	Eastern Cape Project to be done by TIB	R 413 000	Cocks Abrol	Eastern Cape Department of Roads	Mr F Ponco	04069944920000	Provincial Government	2011/04/05	2011/07/31	Cocks Athol	Eastern Cape
JA200	Brewery and bottling Facility Luanda North, Angola	Brewery and softdrink bottling plant with 13 Ha development footprint, 8.25 Ha concrete surface bed and 1.5m thick protective gravel blanket over underlying clayey soils	R 11 897 380		COCA COLA BOTTLING	AC PINTO	011 8868180	Private Sector	2011/03/11	2011/03/11		Gauteng South
JA284	GERMISTON URBAN RENEWAL PROJECT	Investigating and reporting to the EMM the possibilities in terms of upgrading the infrastructure and transportation systems in Germiston	R 87 500	Wentzel Gert	URBAN DYNAMICS INC	Nico Venter	01148241510000	Default	2011/02/23	2011/02/28	Wentzel Gert	Gauteng South
PM661	Polokwane one way pairs (Phase 1)	Widening of Marshall Street	R 997 602	Viljoen Hlino	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyal	0125490422	Other Consultants	2011/02/24	2011/02/24	Viljoen Hlino	Gauteng North
PM678	Polokwane Extension Suid street	Extension of Suid street from Church to Marshall street	R 2 647 861	Viljoen Hlino	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyal	0125490422	Other Consultants	2011/02/24	2011/02/24	Viljoen Hlino	Gauteng North
PM682	Menteng Ext 5 Housing	Menteng Housing: Dispute & resolution	R 391 032	Lottering Leslie Jason	RUSTENBURG LOCAL MUNICIPALITY	Z Mateta	014 590 3530	District & Local Gov/Metro Coun	2011/02/18	2011/02/18	Griffioen Rowan	Gauteng South
PM657	Polokwane one way pairs Phase III	Widening of Suid Street	R 1 782 400	Viljoen Hlino	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyal	0125490422	Other Consultants	2011/02/14	2011/02/14	Viljoen Hlino	Gauteng North
PM658	Polokwane one way pairs (Phase IV)	Widening of Balcord Street	R 2 071 396	Viljoen Hlino	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyal	0125490422	Other Consultants	2011/02/14	2011/02/14	Viljoen Hlino	Gauteng North
PM684	MOTHAPO RWS PHASE IV	Water Supply to Rural Villages	R 1 068 289	Da Whal Ernst	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyal	0125490422	Other Consultants	2011/02/14	2011/02/14	Munyal George	Gauteng North
PG382	Milgert Police Station	Repairs to Septic Tank	R 13 226	Viljoen Hlino	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyal	0125490422	Other Consultants	2011/02/08	2011/02/08	Viljoen Hlino	Gauteng North

URBAN DEVELOPMENT DIVISION - SELECTION OF COMPLETED & CURRENT PROJECTS

Project No.	Project Name	Project Comment	Project Fee	Project Manager Name	Client Name	Client Contact	Client Picon Number	Client Type Name	Start Date	End Date	Project Director	Project Region
PQ219	M11 - Amersfoort	Upgrading of N11 (SHA)	R 401 578	Viljoen Hlina	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyai	0125490422	Other Consultants	2011/01/13	2011/01/13	Viljoen Hlina	Gauteng North
PM670	Ellisras Ring Road	Design of Ring Road	R 704 045	Viljoen Hlina	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyai	0125490422	Other Consultants	2011/01/14	2011/01/14	Viljoen Hlina	Gauteng North
PQ384	Ellisras Ext. 54	Services for new township establishment. Development of 500 home township extension including all preliminary planning, detailed design and construction.	R 541 578	Grobler Pieter	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyai	0125490422	Other Consultants	2011/01/14	2011/01/14	Munyal George	Gauteng North
PQ392	ELLISRAS MASTER STORMWATER PLAN & ROAD NETWORK PLAN	Development of Master Stormwater Plan & Road Network Plan for Ellisras	R 80 000	Grobler Pieter	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyai	0125490422	Other Consultants	2011/01/14	2011/01/14	Munyal George	Gauteng North
PQ395	Standerton Sewage Works Upgrading	Upgrading of Sewage Works in Standerton - WWTW Treatment	R 1 161 077	Viljoen Hlina	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyai	0125490422	Other Consultants	2011/01/14	2011/01/14	Viljoen Hlina	Gauteng North
PM655	Polokwane one way pairs Phase II	Extension of Marshall Street up to N1	R 1 049 907	Viljoen Hlina	MUNYAI MALAKA ENGINEERS (PTY) LTD	George Munyai	0125490422	Other Consultants	2011/01/13	2011/01/13	Viljoen Hlina	Gauteng North



RECORD OF SERVICES PROVIDED TO ORGANS OF STATE OVER THE PAST FIVE YEARS - AS AT JANUARY 2016

Malemale Municipality 5 Year Plan

Project Name	Project Province	Client Name	Client Contact	Client Phone No	Client Type	Start Date	End Date	Market Segment	Status	Project Owner
North West District Integrated Transport Plan (DITP) Provincial Land Transport Framework (PLTF) and development of implementing strategies and operational plans of SMI for Planning of (Sagla Medit) Moema, Dr Ruth Sagomoti and Dr Kenneth Nkomo district of the North West Province for 3 years. The intention of the PLTF is to coordinate transport within the Province and serve as a guiding tool for the transport planning activities of municipalities in a province. In addition, the PLTF will address the needs of the planning and transport authorities in guiding the planning function.	North West Province	North West Provincial Govt	Govt: Mopipi	(018) 308 4970	Provincial Government	2015/09/03	2016/05/31	Transportation (Land, air, r Low Risk Project	Botha Jacobus	
Economic Viability In Lembe DM	KwaZulu-Natal	KWAZULU-NATAL DEPARTMENT OF TRANS	0333551600000		Provincial Government	2015/11/01	2016/04/30	Transportation (Land, air, r Low Risk Project	Mkuna Andrew	
Sekukhune DM Asset Management	Mpumalanga Prov	SEKUKHUNE DM	Malesela Mokomele	01327336	District & Local Gov/Metro Coun	2015/03/01	2016/03/31	Other	Palmer Greg	
Turnkey project for supply only, of irrigation materials (drip/lines, pipes and fittings) to the Limpopo Department of Agriculture - Wapori. materials to be delivered to the department's storage yard in Hlabonwana, before 15 May 2015	Limpopo Province	LIMPOPO DEPT OF AGRI M TAPLEWASHE	015 254500		Provincial Government	2015/03/01	2016/03/31	Agriculture/Forestry/Fish/Low Risk Project	Stenden Thomas	
Design and construction supervision for double basement parking at Dube City for multi-story hotel and offices development	KwaZulu-Natal	Dube Tradeport Corpora Petunia Numa	032 814 0000		Parastatal (SANRAL, JRA, Eskom	2015/12/01	2016/03/31	Transportation (Land, air, r Low Risk Project	Duke David	
RUSSA classification of all municipal roads in the Northern Cape Province as well as the minor road investigation including the design, resurfacing and upgrading GIS	North West Province	DEPT OF ROADS AND P GABI THUPE	0832770008		Provincial Government	2015/03/01	2016/03/31	Transportation (Land, air, r Low Risk Project	Kenneberg Maris	
Design and Construct a replacement outfall sewer of approximately 2.8km from Belhemo Hospital to 11th Avenue (Mandabara) with Magma Construction for Mochaka Local Municipality.	Free State Province	MOCHAKA MUNICIPAL MR TM LELAKA	05621694120000		District & Local Gov/Metro Coun	2014/11/19	2016/03/30	Water (full water cycle)	Kenneberg Maris	
Pre-feasibility study and Feasibility Study for Magatone in Lady Smith for Transnet Pipelines - Concept and Design Stage - Fe12 and 3.	KwaZulu-Natal	Transnet SOC Ltd	Vincent Thabathe	011 308 3001	Parastatal (SANRAL, JRA, Eskom	2015/06/01	2016/01/31	Transportation (Land, air, r Low Risk Project	Duke David	
Mayors Walk Upgrade is a short to medium term road improvement scheme in the Maudslayi Transportation Plan. The proposed upgrade to widen Mayors Walk Road from Winston Road/Mayors Intersection to Inwood Zwakode Intersection. Proposed length upgrade is 4.3km.	KwaZulu-Natal	MSUNDUZI MUNICIPALITY	03392930000000		District & Local Gov/Metro Coun	2015/10/01	2016/01/31	Transportation (Land, air, r Low Risk Project	Steenkamp Rian	
Valuation services for Landfill Sites: Eskom and Makhuluwazi as at 30 June 2015	Mpumalanga Prov	SEKUKHUNE DM	Malesela Mokomele	0132627335	District & Local Gov/Metro Coun	2015/08/01	2015/12/31	Other	Kenneberg Maris	
Structural Assessment of an existing building for the development of the Lembe Hotel	KwaZulu-Natal	Hibiscus Coast Municipality R. Dlamini	0366823137		District & Local Gov/Metro Coun	2015/09/01	2015/12/31	Transportation (Land, air, r Low Risk Project	Ellis Jonathan	
A concrete platform is required for a weigh pad used to weigh trucks at a recycling facility in Port Shepstone	KwaZulu-Natal	Dube Tradeport Corpora Petunia Numa	032 814 0000		Parastatal (SANRAL, JRA, Eskom	2015/12/01	2015/12/31	Agriculture/Forestry/Fish/Low Risk Project	Duke David	
Provision of Engineering Services for the Expansion of AgriZone 1 and the EIA Processes for AgriZone 2	Eastern Cape Prov	Solar Baartman District P. Shymen	041 508 7335		District & Local Gov/Metro Coun	2015/07/01	2015/12/31	Other	Chabaz Michael	
Development of the Sarah Baartman District wide Infrastructure Plan.	Free State Province	MOCHAKA MUNICIPAL MR TM LELAKA	05621694120000		District & Local Gov/Metro Coun	2015/07/24	2015/12/31	Water (full water cycle)	Rowse Nicholas	
Design and construction for the upgrading of the water purification works in Viljoenskroon. The project involves the determination of the extent of the works required, analysis of the existing water network, detailed design, tender preparation and evaluation, supervision and implementation of the works.	Gauteng Province	JOHANNESBURG WATER ALLISON MONTUR	0116881534		Parastatal (SANRAL, JRA, Eskom	2015/01/19	2015/12/12	Water (full water cycle)	Griffioen Rowan	
Johannesburg Water needs to replace 20 000 customer water meters due to outstanding maintenance issues. SNAEC has been appointed to manage the entire process. Field data in the form of old and new meter numbers and values need to be collected and job-site accuracy closed off to ensure accurate billing in future.	Gauteng Province	Gauteng Dept of Human Development Ngwenya	011 355 4791		Provincial Government	2015/10/26	2015/12/31	Other	Wentzel Gert	
Feasibility and economic viability of a mega smart city in Syferfontein	Limpopo Province	Limpopo Roads and Ts MM Bopape	015 254 8420		Provincial Government	2014/11/01	2015/12/01	Transportation (Land, air, r Low Risk Project	Botha Jacobus	
The PLTF is meant to formulate a strategy by which provinces will undertake their transport planning functions. This framework will include a public transport strategy, a NMT strategy, a strategy on how to deal with transport infrastructure as well as transport management. All the district ITP's will be used to collate this information. The project involves updating the Limpopo PLTF from 2011, with new data. The PLTF is the foremost strategic transport planning document in Limpopo.	Western Cape Prov	NATIONAL DEPT OF HE L Makhaola	(012) 395-8895		Central Government	2013/11/01	2015/11/30	Health	Palmer Greg	
Appointed by National Health Infrastructure department to conduct the assessments for 470 clinics, Community Health Centres and district hospitals. The project focused on compiling an asset register for each facility, maintenance requirements, generation of floor plans and maintenance plans.	North West Province	RUSTENBURG LOCAL N 2 Maleta	014 590 3300		District & Local Gov/Metro Coun	2013/03/01	2015/11/30	Water (full water cycle)	Griffioen Rowan	
Design and Implementation of Replacement of water AC Pipes	Free State Province	Cenitic	034122715		Parastatal (SANRAL, JRA, Eskom	2015/08/01	2015/11/30	Energy/Electricity/ESS/low Low Risk Project	Mandla Chiri	
Conduct feasibility study of new CENTI EC office building	KwaZulu-Natal	Harry Gwala District M N Byase	039 824 8705		District & Local Gov/Metro Coun	2014/04/01	2015/09/31	Water (full water cycle)	Kenneberg Maris	
Development and Review of Strategic Document for Sogofa Water Services Department	North West Province	RUSTENBURG LOCAL N 2 Maleta	014 590 3300		District & Local Gov/Metro Coun	2011/07/29	2015/10/31	Transportation (Land, air, r Low Risk Project	Palmer Greg	
Rustenburg X26 - Roads and Storm water: The project has not been registered with M&S and our appointment will be based on the approved registered value. Appointment involves general engineering duties.	Free State Province	NALA LOCAL MUNICIPAL BC MAKUMELA	056 514 5200		District & Local Gov/Metro Coun	2012/06/21	2015/10/31	Transportation (Land, air, r Low Risk Project	Kenneberg Maris	
Appointment of professional services: Manystering paved roads phase 4(a) - 2.2km	North West Province	Local Gov/Metro Coun	053664-0050		District & Local Gov/Metro Coun	2012/07/02	2015/10/31	Transportation (Land, air, r Low Risk Project	Kenneberg Maris	
Design of Vaudekloof Waste Water Treatment main sewer pipeline	North West Province	Local Gov/Metro Coun	053664-0050		District & Local Gov/Metro Coun	2012/07/02	2015/10/31	Transportation (Land, air, r Low Risk Project	Kenneberg Maris	
Validation of the 2012 Current Public Transport Record (CPTN) update for the eThekweni Municipal Area	KwaZulu-Natal	ETHEKWINI MUNICIPALITY	03131135500000		District & Local Gov/Metro Coun	2013/08/19	2015/10/31	Transportation (Land, air, r Low Risk Project	Steenkamp Rian	
Payment Investigation of the Go-George Bus Routes	Western Cape Prov	GEORGE MUNICIPALITY	044 801 9111		District & Local Gov/Metro Coun	2015/09/03	2015/10/31	Transportation (Land, air, r Low Risk Project	Van Aardt Frans	
Micro Simulation Model of the proposed IPTS Infrastructure and routes of the Cleary Park Contract Area	Eastern Cape Prov	Mandela Bay M Adu, Tshamase	041 505 4552		District & Local Gov/Metro Coun	2015/02/01	2015/10/31	Transportation (Land, air, r Low Risk Project	Adamsen Jan	
Assessment of Water Sanitation, Waste, Roads and Electricity Infrastructure at the Elandstun and Snybuswe.	Mpumalanga Prov	MEGA	013 755 6328		District & Local Gov/Metro Coun	2015/05/01	2015/09/30	Water (full water cycle)	Rowse Nicholas	
Process assessment for the upgrading of 3.8 Ml/day Kwaemakholo wastewater treatment plant at Hendrina	Mpumalanga Prov	Snybuswe Tshwete LM	013 249-7000		District & Local Gov/Metro Coun	2015/03/01	2015/09/30	Water (full water cycle)	Rowse Nicholas	

Project Name	Project No	Project Description	Client Name	Client Contact	Client Ref	Start Date	End Date	Market Segment	Service Line	Project Director
A Luthuli Hospital Floor Project	R 217 478	KwaZulu-Natal	KZN PROVINCIAL TREASURY	CEBISA	0338974200	2015/06/17	2015/09/30	Health	Low Risk Project	Duke David
Rummelst's Landfill Site	R 3 175 420	Free State Province	MODAKA MUNICIPAL MR TM LELAKA		05621694210000	2014/06/19	2015/09/30	Other	Low Risk Project	Duke David
ColIF - ECC Contract Clauses	R 10 400	Gauteng Province	AS Nonyane and Assoc. Allie Nonyane c/o F O 11 786 3591			2015/09/01	2015/09/15	Housing (Residential) Ind L	Low Risk Project	Bessie Cedric Shum
Investor: Retail Park	R 630 000	KwaZulu-Natal	Investor Property	Keith Bateler	031 375 4000	2014/11/01	2015/08/31	Commercial/Manufacturing	Low Risk Project	Duke David
Technical Support to DfE in Canada	R 2 870 500	Eastern Cape Province	EC Depart of Roads & F Marius Keyser		041 403 6241	2013/09/01	2015/08/31	Other	Low Risk Project	Cortez Michael
MKLM Asset Management Support	R 651 000	North West Province	Mores Krane Local Ml Mochel Remagala		087 825 0807	2015/07/10	2015/08/30	Other	Low Risk Project	Griffioen Rowen
SABID HC Integrated Test & Commissioning	R 751 800	Gauteng Province	SA Reserve Bank	Joyce Mochel	012 3134 4329	2015/06/01	2015/07/31	Other	Low Risk Project	Wentzel Gert
Bhehazulu (Illegal Occupancy) Soludo	R 435 520	KwaZulu-Natal	KZN Department of Hl Zibulise Mbonane		035 874 8009	2015/09/01	2015/07/31	Housing (Residential) Ind L	Low Risk Project	Manicum Kresen
P445 (Ballito Access Road) Upgrading Project	R 7 917 000	KwaZulu-Natal	KWAZULU MUNICIPALITY		03247570000000	2015/07/31	2015/07/31	Transportation (Land, air, r)	High Risk Project	Duke David
10 Year Infrastructure Plan	R 1 598 300	Eastern Cape Province	ECECC	Zola Mchumela	043 701 3400	2015/03/11	2015/07/31	Other	Low Risk Project	Van Rensburg Johan
Whitburg/Makalekela: Paving of Streets	R 5 985 200	Free State Province	MASLOUANA LOCAL	GEORGE MAUKAUA	05773301060000	2011/02/04	2015/07/31	Transportation (Land, air, r)	Low Risk Project	Duke David
Landfill Site	R 10 000 000	Northern Cape Province	PLAATJIES MUNICIPALITY		05385064000000	2014/12/09	2015/07/16	Other	Low Risk Project	Remenberg Marius
Maseru Wall TIA	R 257 975	Gauteng Province	Leedmo National Development Corpor		26622312012	2015/05/14	2015/07/16	Transportation (Land, air, r)	Low Risk Project	Betha Jacobus
Asset Management Vancat II	R 109 211	KwaZulu-Natal	ETHEKWINI MUNICIPALITY		03131133500000	2015/09/01	2015/06/30	Other	Low Risk Project	Manicum Kresen
KZN DOT Zibambale Pilot Project	R 1 478 500	KwaZulu-Natal	KWAZULU-NATAL DEPARTMENT OF TRANS		03338518000000	2015/03/01	2015/06/30	Other	Low Risk Project	Manicum Kresen
Upgrading Water Meters & Connection	R 842 380	KwaZulu-Natal	Department of Economic Affairs		033 264 2500	2014/09/01	2015/06/30	Other	Low Risk Project	Manicum Kresen
Grassroots Engineering Services for the upgrade of a grassroot waste water treatment works, Phase 2b	R 3 000 000	North West Province	RUSTENBURG LOCAL 2 MATEA		024 550 3530	2012/09/01	2015/06/30	Water (full water cycle)	Low Risk Project	Palmer Greg
Grassroots Engineering Services for the upgrade of a grassroot waste water treatment works, Phase 2a	R 5 000 000	Eastern Cape Province	Camdeboo Local Municipality		071 117 9671	2014/10/01	2015/06/30	Water (full water cycle)	Low Risk Project	Cortez Michael
Goodwill Square Development	R 358 950	Eastern Cape Province	Camdeboo District Municipality	L Landu	041 508 7071	2013/07/01	2015/06/30	Other	Low Risk Project	Cortez Michael
TIA-Chatsworth Town Centre Node	R 275 000	KwaZulu-Natal	ETHEKWINI MUNICIPALITY		03131133500000	2014/09/01	2015/06/30	Transportation (Land, air, r)	Low Risk Project	McKune Andrew
Newcastle ITP	R 920 005	KwaZulu-Natal	Newcastle Municipality	James du Plessis	034 328 3361	2014/04/14	2015/06/30	Transportation (Land, air, r)	Low Risk Project	McKune Andrew
Hannarsdale Prelim Investigation	R 479 500	KwaZulu-Natal	ETHEKWINI MUNICIPALITY		03131133500000	2014/08/01	2015/06/30	Transportation (Land, air, r)	Low Risk Project	McKune Andrew
Concept Design of PIT for Verulam	R 164 900	KwaZulu-Natal	ETHEKWINI MUNICIPALITY		03131133500000	2015/04/01	2015/06/30	Transportation (Land, air, r)	Low Risk Project	Stemkamp Riaan
Rural Area Travel Demand Survey	R 200 000	Western Cape Province	GEORGE MUNICIPALITY		044 801 9111	2015/03/24	2015/06/30	Transportation (Land, air, r)	Low Risk Project	Van Aardt Frans
N1 Widening Parow North to Old Oak	R 150 000 000		PROVINCIAL ADMINISTRATION WESTERN C		021 483 4391	2013/08/01	2015/06/30	Transportation (Land, air, r)	Low Risk Project	Engelbrecht Hermannus
Leaning Public Transport Facility	R 50 000 000	Gauteng Province	Department of Roads & Loyalso Marasala		0113557544	2013/08/26	2015/06/01	Transportation (Land, air, r)	Low Risk Project	Bessie Cedric Shum
Nlangala DM RWMP	R 648 783	Mpumalanga Province	NGANGALA DM	Lvert Mohlabane	013 249 2000	2014/08/01	2015/05/31	Water (full water cycle)	Low Risk Project	Smook Dolf
SIP 2 Development Corridor Plan	R 3 487 100	KwaZulu-Natal	COGTA	Barbara Mgochini	033 8897 5556	2013/11/25	2015/09/31	Transportation (Land, air, r)	High Risk Project	Manicum Kresen
School Sport Evaluation	R 319 500	KwaZulu-Natal	Department of Sport at Ziphos Shange		031 242 1736	2014/08/01	2015/05/31	Other	Low Risk Project	Manicum Kresen
Club Development Impact Study	R 382 150	KwaZulu-Natal	Department of Sport at Ziphos Shange		031 242 1736	2014/08/01	2015/05/31	Other	Low Risk Project	Manicum Kresen
eThekweni Bicycle Proj Management	R 157 600	KwaZulu-Natal	ETHEKWINI MUNICIPALITY		03131133500000	2014/02/24	2015/05/31	Transportation (Land, air, r)	Low Risk Project	McKune Andrew
PS participation Framework	R 394 600	Gauteng Province	DEPARTMENT OF TRAF MRS GOWNS		01135570000000	2015/01/08	2015/05/31	Transportation (Land, air, r)	Low Risk Project	Betha Jacobus
Webbased Suge	R 59 992	Free State Province	Bloem Water	E Gaebe	0514039800	2015/03/01	2015/05/30	Water (full water cycle)	Low Risk Project	Roscoe Nicholas

Project Name	Project Description	Client Name	Client Contact	Client Phone No	Client Email	Start Date	End Date	Project Status	Project Director
Thembeluthi Flood Damage Upgrades	Report on the flood damage to existing roads within Thembeluthi and the linking of remedial measures per ward. The design and implementation of upgrades to stormwater systems and the construction of paved roads.	Western Cape Prov. DEGREE MUNICIPALITY	Kethi Butcher	044 801 3111	District & Local Gov/Metro Coun	2014/08/14	2015/05/29	Water (full water cycle)	Van Aardt Frans
Comubula Retail Park TIA	SMEC was appointed to conduct a site specific traffic impact assessment for the Investec Site, Comubula Retail Park, KwaZulu Natal.	R 56 500 KwaZulu-Natal	Investec Property	031 575 4000	Parastatals(SANRAL, JRA, Eskom)	2014/05/01	2015/04/30	Transportation(Land, air, r Low Risk Project	McKune Andrew
Land Survey - Transit Facility - 7H15739	Land Legal Assessments for Project Feasibility Study - 7H15740	R 123 692 KwaZulu-Natal	ETHERWIN MUNICIPALITY	031 311 33590000	District & Local Gov/Metro Coun	2015/07/01	2015/03/31	Housing (Residential) Inc La Low Risk Project	Manicom Kresen
Regent Internal Roads	Provision of the professional engineering services for planning, design, tender documentation, construction and supervision of Regent Internal Roads	R 123 692 KwaZulu-Natal	ETHERWIN MUNICIPALITY	031 311 33590000	District & Local Gov/Metro Coun	2015/07/01	2015/03/31	Housing (Residential) Inc La Low Risk Project	Manicom Kresen
Dube TradePort Special Econ Zone	Appointment of a Service Provider to Undertake Pre-Feasibility and Feasibility Studies and Develop Strategic Plans for the KwaZulu Natal Dube Trade Port Special Economic Zone	R 7 000 000 North West Province	MANOTSIERE MOLOA KW Sikaanyo	016 642 1087	District & Local Gov/Metro Coun	2013/01/01	2015/03/31	Transportation(Land, air, r Low Risk Project	Palmer Greg
UPGRADE UNISA SP & FLORIDA ST	Upgrades of Unisa Samual Pauw and Florida Special Libraries - Two of the Unisa Libraries have become outdated in terms of ability to cater with the needs of the information age. The libraries are to be stripped of the internal finishes and re-fit to bring the facilities in line with the technology currently in use. Some structural alterations and additions will also be incorporated in the project.	R 3 415 885 KwaZulu-Natal	Department: Trade and Alfred Tau	011 354 1041	Provincial Government	2014/02/01	2015/03/31	Other	Duke David
MOOHAKA MUNICIPALITY	Vehicle crossing, landfill site, stormwater drainage and upgrading of street	R 35 000 000 Gauteng Province	UNISA	011 423 9494	Parastatals(SANRAL, JRA, Eskom)	2012/03/06	2015/03/05	Education	Mostert Marits
Co alternative Waste disposal PPP Programme	The development of the procurement process for alternative waste disposal for the Co	R 14 677 378 Free State Province	MOOHAKA MUNICIPAL MR TM LELAKA	05621691210000	District & Local Gov/Metro Coun	2010/05/12	2015/02/28	Other	Kannenberg Marits
Patterson SA Police Complex	Existing Patterson Police Station to be repaired and renovated. Additional offices and accommodation is required for officers working for the unit.	R 56 894 332 Gauteng Province	CITY OF JOHANNESBURG Lisa Seftel	011 5315887	District & Local Gov/Metro Coun	2010/03/25	2015/02/10	Other	Gertsen David
IFPS Design Guidelines	The development on the Nelson Mandela Bay Municipality design guidelines to be used by all consultants designing infrastructure in for the IFPS system.	R 20 915 839 Eastern Cape Prov	National Department of Nontzamo Mqumque	041 408 2022	Provincial Government	2012/06/08	2015/01/30	Other	Cotzee Michael
Newcastle - GBAP 17	Request for proposals in performing the conditional assessment services for municipal assets in terms of GBAP 17 - Bid No 045-2013/14	R 700 000 Eastern Cape Prov	Nelson Mandela Bay M Adu, Ishamase	041 505 4382	District & Local Gov/Metro Coun	2014/09/01	2015/04/20	Other	Adelman Jan
Rt5026: Water & Sewer Retention	Phase 4 at Rutenburg 326 Water and Sewer Retention which includes the servicing of approximately 557 stands with metered water connections and approximately 933 stands with water borne sewer connections.	R 781 200 KwaZulu-Natal	Newcastle Municipality, Janco du Plessis	034 328 3361	District & Local Gov/Metro Coun	2014/06/01	2014/12/31	Other	Manicom Kresen
Warrenton Water Treatment Works	Feasibility study for the upgrading of the water treatment works at Warrenton	R 8 862 205 North West Province	RUSTENBURG LOCAL N Z Makela	014 580 3530	District & Local Gov/Metro Coun	2011/09/01	2014/12/31	Water (full water cycle)	Palmer Greg
Development Public Transport Plan	Appointed as a Service Provider to develop a Public Transport Plan (PTP) that takes into consideration the phasing of the City's Integrated Rapid Public Transport Network (IRPTN) Implementation Plan.	R 41 700 000 Northern Cape Prov	Magersburg Municipality Leslie Molomoa	054973111	District & Local Gov/Metro Coun	2013/03/01	2014/12/31	Water (full water cycle)	Kannenberg Marits
Harlem Stormwater & Roads Upgrade	Rehabbing and construction of various streets with associated stormwater upgrading in Harlem.	R 2 639 550 KwaZulu-Natal	ETHERWIN MUNICIPALITY	031 311 33590000	District & Local Gov/Metro Coun	2013/08/15	2014/12/31	Transportation(Land, air, r Low Risk Project	McKune Andrew
Gow Building Utilization Urban	K2M Treasury - Appointment for Government Building Utilization - Lilium	R 800 000 Western Cape Prov	GEORGE MUNICIPALITY	044 801 9111	District & Local Gov/Metro Coun	2014/08/05	2014/12/31	Transportation(Land, air, r Low Risk Project	Van Aardt Frans
Umlaah Housing Development	Provision of Professional Services for Umlaah Housing Development	R 588 596 KwaZulu-Natal	ICN PROVINCIAL TREA MUSA CUBISA	0330974200	Central Government	2014/09/11	2015/01/15	Other	Manicom Kresen
Eskom Office/Site Layout, Northern	Investigate and provide the layout for various offices and staff accommodation including details up to Municipal approval sites: Kuruman 12, Kofu, Camarero, Rensburg.	R 164 045 KwaZulu-Natal	ETHERWIN MUNICIPALITY	031 311 33590000	District & Local Gov/Metro Coun	2014/10/01	2014/12/31	Housing (Residential) Inc La Low Risk Project	Manicom Kresen
Johannesburg Water Sewer Upgrades	Johannesburg Water appointed JMC South Africa to perform site supervision and Project Management responsibilities for a sewer reticulation upgrade project implementation in the town, Orange Farm, Emmerdale and Serefontein.	R 295 000	Eskom Holdings SOC Ltd J Chetty	011 800 5858	Parastatals(SANRAL, JRA, Eskom)	2014/05/18	2014/11/30	Commercial/Manufacturing Low Risk Project	Basson Johan
JW Water Upgrades - CN - L53	Construction of various water upgrade projects in Lanseria, Sandton and Bryanston	R 10 000 000 Gauteng Province	JOHANNESBURG WATER ALLISON AVONTUR	011 6881534	Parastatals(SANRAL, JRA, Eskom)	2013/11/01	2014/10/31	Water (full water cycle)	Griffioen Rowan
JW Bulk Water Replacements	Constructing a bulk water audit, design and sizing of replacement meters, setting up of contract documentation and procuring a contractor and supervision of the meter replacement process. The project also includes a sub-project for the design of the Zandfontein Depot standby facility.	R 10 000 000 Gauteng Province	JOHANNESBURG WATER ALLISON AVONTUR	011 6881534	Parastatals(SANRAL, JRA, Eskom)	2013/11/01	2014/10/31	Water (full water cycle)	Griffioen Rowan
Makhuluhamag Schools	Construction of additions for 16 schools Makhuluhamag Municipal area of Sekhukhune District of Limpopo	R 5 000 000 Limpopo Province	IDT POL OVOMANE	015 286 0000	Parastatals(SANRAL, JRA, Eskom)	2013/09/01	2014/10/31	Education	Duke David
Mangala Municipality Traffic Study	Appointment of professional service providers for the development of demand traffic model study in Emabitheni Local Municipality	R 832 843 Mpumalanga Prov	Nkangala District Muni Walter Makgale	0124622211	District & Local Gov/Metro Coun	2013/10/23	2014/10/31	Transportation(Land, air, r Low Risk Project	Erasmus David
Gobnamba Senior Secondary School	Provision of professional civil engineering services for detailed planning, procurement support and & construction monitoring for the construction of schools in the Eastern Cape under the Accelerated Schools Infrastructure Development Initiative (ASDI) programme. Lum sum project - labour effort to be used - ECSSA CAPPEP - 35% discount	R 73 543 963 Eastern Cape Prov	Provincial Development Bank of S Aubrey Ketsana	011 313 3911	Parastatals(SANRAL, JRA, Eskom)	2013/10/01	2014/10/01	Education	Cotzee Michael
Dalibonga Senior Primary School	Provision of professional civil engineering services for detailed planning, procurement support and & construction monitoring for the construction of schools in the Eastern Cape under the Accelerated Schools Infrastructure Development Initiative (ASDI) programme. Lum sum project but effort multiplier rate to be used is ECSSA Capped less 35% discount.	R 73 543 963 Eastern Cape Prov	Provincial Development Bank of S Aubrey Ketsana	011 313 3911	Parastatals(SANRAL, JRA, Eskom)	2013/10/01	2014/10/01	Education	Cotzee Michael
Wabana Senior Secondary School	Provision of professional civil engineering services for detailed planning, procurement support and & construction monitoring for the construction of schools in the Eastern Cape under the Accelerated Schools Infrastructure Development Initiative (ASDI) programme. Lum sum project effort multiplier rate to be used ECSSA Capped less 35% discount.	R 73 543 963 Eastern Cape Prov	Provincial Development Bank of S Aubrey Ketsana	011 313 3911	Parastatals(SANRAL, JRA, Eskom)	2013/10/01	2014/10/01	Education	Cotzee Michael
Kanbu Road Housing Project	Feasibility study and Design Bank Road Housing Project	R 175 275 KwaZulu-Natal	ETHERWIN MUNICIPALITY	031 311 33590000	District & Local Gov/Metro Coun	2014/03/16	2014/09/30	Housing (Residential) Inc La Low Risk Project	Manicom Kresen
Kanbu DMA Asset Management Services	Asset Management Support Services to the Embe District Municipality	R 357 440 KwaZulu-Natal	Lembe District Municip Nosphe Mha	082 437 9903	District & Local Gov/Metro Coun	2014/05/19	2014/09/30	Other	Manicom Kresen
Stevens River Primary School	Civil & Structural Engineering Services for Stevens River Primary School construction of new school	R 8 000 000 Eastern Cape Prov	EC Dept of Roads & T Maris Keyser	041 405 4041	Provincial Government	2013/10/01	2014/09/30	Education	Cotzee Michael
Bavilans Sport Fields	Professional Services Bavilans Multi Year Projects - Civil engineering services for the development of sport fields in the Bavilans Local Municipality	R 1 000 000 Eastern Cape Prov	Bavilans Local Municip 2 Numaonke	044 923 1004	District & Local Gov/Metro Coun	2013/10/01	2014/09/30	Tourism/Leisure	Cotzee Michael
Rea Vaya NMT Route(s)	Rea Vaya NMT Implementation	R 4 800 000 Gauteng Province	Johannesburg Develop Syabanga Genu	011 688 7851	Parastatals(SANRAL, JRA, Eskom)	2013/07/01	2014/09/30	Transportation(Land, air, r Low Risk Project	Basson Johan
Non-Motorized Transport Facility Guideline	The project revised the existing Cycling and Pedestrian Facility Guidelines. The updated guidelines include universal access design requirements, cycling design requirements and rural NMT requirements based on intensive stakeholder discussions. The project was undertaken with the University of Cape Town.	R 8 878 000 Gauteng Province	DEPARTMENT OF TRAN MR IS GOUWS	011 3557000000	Central Government	2014/03/10	2014/09/30	Transportation(Land, air, r Low Risk Project	Basson Johan
N2 Gateway - Boys Town	This project involves the development of approximately 2000 houses as a design and construct project within a fractions urban community. An essential element of the project involves dealing with various local committees to ensure that the project meets the community needs. Project value R120m	R 185 000 000 Western Cape Prov	PROVINCIAL ADMINISTRATION WESTERN C 021 485 4391	Provincial Government	2010/03/24	2014/03/01	Housing (Residential) Inc La Low Risk Project	Basson Johan	
Greater Kogstad - Road Asset Mngt	Update Greater Kogstad Road Assets & Complete Fixed Asset Register	R 153 509 KwaZulu-Natal	GREATER KOGSTAD MR M T SOMETSU	03979746000000	District & Local Gov/Metro Coun	2014/08/01	2014/09/31	Transportation(Land, air, r Low Risk Project	Manicom Kresen

Project Name	Project Description	Project Ref	Project Location	Client Name	Client Contact	Client Phone No	Client Email	Start Date	End Date	Market Segment	Services Line	Project Outcome	
TIA Ntuzuma Extension	Appointed to conduct a comprehensive traffic impact assessment in line with existing manual for traffic impact studies, including a public transport assessment non-motorised assessment and road infrastructure analysis and planning (Task Order 7)	R 75 800	KwaZulu-Natal	ETHEKWINI MUNICIPALITY		03131133500000		2014/04/24	2014/03/07	Transportation (Land, air, r Low Risk Project	McKure Andrew		
GWM Asset Register 2012/13	Design and Specifications for Athletics Track for City of uMhlatuze Municipality	R 83 565	KwaZulu-Natal	BREITERS KOSTADT ML MR T SOMETSU		0397765000000		2014/02/28	2014/02/28	Other	Low Risk Project	Manicum Kresen	
Rehabilitation of Trunk Road 75	Rehabilitation of 25km of rural 2 land road, including surfacing of gravel shoulders, upgrading & repair of stormwater repairs to several small bridges, and repairs to roadside furniture.	R 120 000	KwaZulu-Natal	CITY OF UMHLATUZE	Roger Ncube	035 907 9000		2013/11/01	2014/02/28	Other	Low Risk Project	Duke David	
Dyskelepe Roads	Upgrade of DR1694 (5.31 - 6.41km), DR1662 (9.47 - 37.23km) and OF9650 (1.44 - 1.73km) and Construction of sidewalks along DR1694 and OF9650, Dyskelepe, Outshon.	R 22 800 000	Western Cape	Provincial Government	ADMINISTRATION WESTERN C 021 483 4381			2011/12/02	2014/02/28	Transportation (Land, air, r Low Risk Project	Engelbrecht Hermanus		
Dipaleasing WDM	Draughting of a water demand management (WDM) and water conservation (WC) strategy for the Dipaleasing Municipality. The project will include a water balance of the bulk water supply system, non-revenue water assessment as well as districts metering areas planning.	R 5 000 000		PROVINCIAL ADMINISTRATION	WESTERN C 021 483 4381			2012/02/01	2014/02/28	Transportation (Land, air, r Low Risk Project	Engelbrecht Hermanus		
JW Customer Meter Replacements	Joint metering water meters to replace 33,000 customer water meters due to outstanding maintenance issues. They have employed seven contractors to do this, and SWEK has been appointed to manage the entire process. Field data in the form of old and new meter numbers and values need to be collected and job-cards accurately closed off to ensure accurate billing in future.	R 705 165	Mpumalanga	Provin Dipaleasing Local Muni A Selahele		017 773 0055		2013/11/01	2013/12/31	Water (full water cycle)	Low Risk Project	Palmer Greg	
BRIDGE ON RD CONNECTING RD D807 WARD DINGO	Design, Tender & Construction Management of 14 Pedestrian and Low Level Bridges in HCM	R 60 000 000	Gauteng	JOHANNESBURG WATER Allison Aventureur		0116861554		2013/04/01	2013/12/31	Water (full water cycle)	Low Risk Project	Palmer Greg	
New Multi Products Pipeline	The provision of erosion control and mitigation measures for sections PU KPO - K2110 of NMPP servitude	R 405 000	KwaZulu-Natal	Hibiscus Coast Municipality	Dimitri	035882117		2011/11/01	2013/12/31	Transportation (Land, air, r Low Risk Project	Ellis Jonathan		
Herold Bay Circle (R170)	Design of a traffic lighting circle for the R170 in Herold Bay	R 30 000		GEORGE MUNICIPALITY	Vincent Thabane	011 306 3001		2012/09/01	2013/12/31	Energy (Electricity, gas, hyr Low Risk Project	Duke David		
Upgrading of York Street - George	Upgrading of York Street from the Panther Road Intersection to the New Traffic Circle	R 51 164 126	Western Cape	Provin DEPT ROADS & PUBLIC WORKS EC		044 801 9111		2013/11/28	2013/12/31	Transportation (Land, air, r Low Risk Project	Van Aardt Frans		
Sixtho Public Transport Centre	Tender process and the supervision of further phases: Tender documentation and site supervision	R 15 000 000	Free State	Province DEPARTMENT OF POLICE, KAO ARNOID		05143575910000		2010/07/09	2013/12/31	Transportation (Land, air, r Low Risk Project	Engelbrecht Hermanus		
IPTS Cleary Park Main Route 1	Design, Tender & Construction Management of main routes for Cleary Park Terminus to Makro as part of the IPTS Pilot Route	R 5 799 751	Eastern Cape	Provin Nelson Mandela Bay Mdr Thiamase		041 335 4582		2010/07/09	2013/11/30	Transportation (Land, air, r Low Risk Project	Duke David		
IFSA N3 Epworth/Market Road I/C	Sanral Independent Road Safety Audit of Prelim Design of Epworth and Market Road Intersection on N3/5	R 97 500	KwaZulu-Natal	SANRAL	Edwin Kruger	012 844 8000		2013/08/01	2013/10/31	Transportation (Land, air, r Low Risk Project	Erasmus David		
ITS Florence Nightingale	Traffic & Transportation Study - Florence Nightingale Business Node	R 243 840	KwaZulu-Natal	ETHEKWINI MUNICIPALITY		03131133500000		2013/08/14	2013/10/30	Transportation (Land, air, r Low Risk Project	Erasmus David		
Abonkhulu Beach Upgrade	Concept planning and detailed design and part implementation of beach upgrade project.	R 1 000 000	KwaZulu-Natal	Mobal Municipality	Danië van Ecken	035 580 4211		2013/07/14	2013/10/14	Tourism/Leisure	Low Risk Project	Duke David	
Sedibeng Water Fair Tagging	Mobile Assets (MARS) Verification and Tagging	R 238 037	Free State	Province SEDIBENG WATER	T Noto	056 515 9316 / 078		2013/07/01	2013/09/30	Water (full water cycle)	Low Risk Project	Palmer Greg	
Difontein Water Supply	Completion of feasibility study on the introduction of regional bulk water infrastructure for water provision in Dintshani, Mashobane, Denterhock, Nsoelwa, Mchize and Panbut in Mkhondo local Municipality	R 483 516	Mpumalanga	Provin BERT SIBANDE DM	Leon Menenging	017 801 7009		2013/05/01	2013/08/31	Water (full water cycle)	Low Risk Project	Kamberg Marius	
McDermid Hospital	Crack team deployment to assist McDermid Hospital	R 505 235	KwaZulu-Natal	ICN PROVINCIAL TRFA MUSA CEBISA		0396974200		2013/07/01	2013/08/31	Commercial/Manufacturing Low Risk Project	Duke David		
Thembelutho Road Upgrades	Upgrading of roads in Thembelutho, George as part of the future public transport corridors.	R 350 260		GEORGE MUNICIPALITY		044 801 9111		2013/07/01	2013/08/31	Transportation (Land, air, r Low Risk Project	Duke David		
MR177 AMP	The Arrangement Plan and Corridor Management Plan for the New Library building at the Sedgeho	R 3 550 000	Western Cape	Provin PROVINCIAL ADMINISTRATION WESTERN C 021 483 4381		03339518000000		2012/09/01	2013/08/31	Transportation (Land, air, r Low Risk Project	Engelbrecht Hermanus		
New Library CODE1 Sedgeho Campus	The project entails the provision of Civil Engineering Services for the new Library building at the Sedgeho	R 1 851 865	Umpopo	Province CAPRICORN COLLEGE FC KY Lange		015 2813115		2012/07/01	2013/07/31	Housing (Residential Ind L Low Risk Project	Munyel George		
Sandrik Road Pedestrian Study	Campus of Capricorn College for FET near Polokwane in Limpopo Province.	R 94 370		GEORGE MUNICIPALITY		044 801 9111		2013/07/01	2013/07/31	Transportation (Land, air, r Low Risk Project	Van Aardt Frans		
Dualing of MR177 (Polokwane)	Investigation into pedestrian safety along a section of Sandrik Road in George.	R 20 000 000	Western Cape	Provin PROVINCIAL ADMINISTRATION WESTERN C 021 483 4381		03339518000000		2012/09/01	2013/07/31	Transportation (Land, air, r Low Risk Project	Engelbrecht Hermanus		
Intermodal Facilities - Umthethu Municipality	The design for upgrading the existing single carriage section on Main Road 177 to dual carriageway.	R 16 021 593	KwaZulu-Natal	Province KWAZULU-NATAL DEPARTMENT OF TRANS		03339518000000		2010/11/23	2013/06/30	Transportation (Land, air, r Low Risk Project	Manicum Kresen		
Bayhead Road (R170) Traffic Study	Development of Public Transport Intermodal Facilities 02.05.2013 - Added new phase SLUCK - value of phase	R 377 439.29		Province KWAZULU-NATAL DEPARTMENT OF TRANS		03339518000000		2010/11/23	2013/06/30	Transportation (Land, air, r Low Risk Project	Manicum Kresen		
CONSTRUCTION OF BRIDGE CONNECTING MLC Design, Tender & Construction Management of Bridge connecting Mhlatuze & Esthulhu Ward 3	Design, Tender & Construction Management of Bridge connecting Mhlatuze & Esthulhu Ward 3	R 135 000	KwaZulu-Natal	Transnet SOC Ltd	Vincent Thabane	011 306 3001		2013/02/14	2013/06/30	Transportation (Land, air, r Low Risk Project	Manicum Kresen		
Dube Secondment	Dube - Secondment of a Registered Professional Engineer	R 681 000	KwaZulu-Natal	UMHATUZU MUNICIPALITY	MAREK GUDZOWSKI	0343312050000		2013/05/18	2013/06/30	Transportation (Land, air, r Low Risk Project	Steenkamp Ruan		
Phagangam Ext 11	Water design for 220 informal households in the Modinole area. Phagangam extension 11 forms part of the greater Phagangam informal settlement in Modinole. Adjacent extensions have formal water reticulations but ext 11 only has communal stand pipes. The designed reticulation will be connected to an existing pressure tower.	R 175 000	KwaZulu-Natal	Dube Transport Corp	Petunia Muna	032 814 0000		2013/05/02	2013/06/29	Transportation (Land, air, r Low Risk Project	Kamberg Marius		
Paving of Andries Street	Expanded Public Works Programme which entails the paving of Andries Street in George.	R 450 000	Umpopo	Province MODINOLE LOCAL M M R CHOKOLO		014-719-2000		2012/06/07	2013/06/07	Water (full water cycle)	Low Risk Project	Griffioen Rowan	
George Traffic Signal Report	Report on the status of traffic signals in George which entails controllers, capability of controllers, linked to any system, effectiveness of institutional arrangement to update signal timing, response time to loop/signal functions and functioning of the system.	R 150 000		GEORGE MUNICIPALITY		044 801 9111		2012/10/01	2013/05/31	Transportation (Land, air, r Low Risk Project	Maat Henry		
Wellington Street Sidewalks	Appointment of consultants for civil engineering services for the 3-year multi year projects in George.	R 85 720		GEORGE MUNICIPALITY		044 801 9111		2013/04/01	2013/06/31	Transportation (Land, air, r Low Risk Project	Van Aardt Frans		
Lawaikamp Sportsgrounds	Paving of access road to Lawaikamp Sportsgrounds.	R 60 000		GEORGE MUNICIPALITY		044 801 9111		2013/04/01	2013/05/31	Transportation (Land, air, r Low Risk Project	Van Aardt Frans		
Kraalbach Financial Model	Paving of Lawaikamp Intersections in George.	R 15 170		GEORGE MUNICIPALITY		044 801 9111		2013/05/01	2013/05/31	Transportation (Land, air, r Low Risk Project	Van Aardt Frans		
Albert Street Junction	Investigation into Albert Street Junction, George.	R 90 000		GEORGE MUNICIPALITY		044 801 9111		2013/05/01	2013/05/31	Transportation (Land, air, r Low Risk Project	Van Aardt Frans		
Vredenburg Saldanha Traffic Signals	Investigation of traffic movements at 3 signalised intersections in the town of Vredenburg in order to determine and quantify the upgrading or improvements required on the traffic signals.	R 280 000		GEORGE MUNICIPALITY		044 801 9111		2013/05/01	2013/05/31	Transportation (Land, air, r Low Risk Project	Van Aardt Frans		
Construction of Specthums George	Appointment of consultants for civil engineering services for the 3-year multi year projects in George.	R 25 820		Saldanha Bay Municipality		022 703 8015		2013/04/01	2013/05/01	Transportation (Land, air, r Low Risk Project	Engelbrecht Hermanus		
Ad-hoc Traffic Studies	Traffic Studies for the George Municipality.	R 25 800		GEORGE MUNICIPALITY		044 801 9111		2013/03/01	2013/04/30	Transportation (Land, air, r Low Risk Project	Maat Henry		
Kraalbach Financial Model	Update of the Kraalbach Financial Model for the George Municipality.	R 50 000		GEORGE MUNICIPALITY		044 801 9111		2013/02/01	2013/03/31	Transportation (Land, air, r Low Risk Project	Van Aardt Frans		
EWMP Tech Support	Provide a service for the provision of professional support within the EWMP Unit in KZN	R 757 200	KwaZulu-Natal	KWAZULU-NATAL DEPARTMENT OF TRANS		03339518000000		2012/08/01	2013/02/28	Housing (Residential Ind L Low Risk Project	Manicum Kresen		
eThekweni Area Road Classification	Detailed classification of 22000 km urban road network including route inspections and traffic counts as well as updating and improving the eThekweni corporate GIS system and related data.	R 411 007		ETHEKWINI MUNICIPALITY		03131133500000		2012/01/01	2013/02/28	Housing (Residential Ind L Low Risk Project	Manicum Kresen		
Traffic Monitoring Strategy for PANC	Traffic Monitoring Strategy for PANC	R 132 854	Western Cape	Province PROVINCIAL ADMINISTRATION WESTERN C 021 483 4381		03339518000000		2009/03/13	2013/02/28	Transportation (Land, air, r Low Risk Project	Engelbrecht Hermanus		
KINDOT M & E	Appointment on the short-listed panel of preferred consultants at City of Johannesburg (CoJ) Housing for a period of 24 months to provide research, design, procurement, construction and monitoring services on an as-and-when basis	R 402 494	KwaZulu-Natal	KWAZULU-NATAL DEPARTMENT OF TRANS		03339518000000		2012/05/01	2013/01/31	Transportation (Land, air, r Low Risk Project	Manicum Kresen		
AZES Coi Housing Panel of Professional Engineers	Appointment on the short-listed panel of preferred consultants at City of Johannesburg (CoJ) Housing for a period of 24 months to provide research, design, procurement, construction and monitoring services on an as-and-when basis	R 149 156	Gauteng	Province CITY OF JOHANNESBURG	Lias Sefoli	011 531-587		2008/01/03	2012/12/31	Other	Low Risk Project	Wentzel Gert	
Fort Bedford Pavement Repairs	Fort Bedford Pavement Repairs	R 178 317	Eastern Cape	Province Northern Cape	Local Muni Lungshe Ndaweni	04654514100000		2012/05/04	2012/12/31	Transportation (Land, air, r Low Risk Project	Corts Ahol		
De Aar Sportsgrounds Business Plan	Preparation of Business Plan for upgrading of the De Aar Sports Grounds	R 26 000	Northern Cape	Province ETHEKWINI MUNICIPALITY	M R DE ALAARD	03562651000000		2012/02/01	2012/12/31	Water (full water cycle)	Low Risk Project	Hynds Bernhard	
ACSA Aulus Townships Civil	Civil Engineering Services for the Aulus Townships Proclamation for ACSA	R 260 000	Gauteng	Province ACSA	Ernstie Groender	011 773 1460		2011/12/01	2012/12/31	Transportation (Land, air, r Low Risk Project	Proffers Andre		

Project Name	Project Description	Client/Owner	Contract Value (R)	Project Status	Phase	Start Date	End Date	Market Segment	Service Line
GAMAAGARA MINING CORRIDOR	Development of a detailed infrastructure and economic plan for the Gamaagara Mining Corridor Plan	Provincial Government	0338494000	R 1 700 000	Northern Cape Prov	2017/06/01	2017/12/31	Transportation (Land, air, r	Bothe Jacobs
Upgrading of Bloem Water Treatment Works	Design, Contract Documentation and Supervision	District & Local Gov/Metro Coun	0101/01/01	R 13 617 606	Northern Cape Prov	2017/11/30	2017/11/30	Water (full water cycle)	Dries David
Wilderness CBD "parking"	Investigation into parking facilities in the Wilderness CBD area.	GEORGE MUNICIPALITY	044 801 9111	R 59 380	GEORGE MUNICIPALITY	2012/01/01	2012/01/01	Transportation (Land, air, r	Maart Henry
Groundwater Management Plan	Preparation of Groundwater Management Plan	Camdeboo Municipality	071 117 6671	R 1 500 000	Camdeboo Municipality	2012/09/01	2012/09/01	Water (full water cycle)	Ceetee Michael
SEWER RETICULATION & TREATMENT PLANT	Installation of new sewer reticulation system & treatment plant TOL20 even in Umtamawethu residential area	District & Local Gov/Metro Coun	0413689770000	R 1 249 000	Eastern Cape Prov	2008/06/24	2012/10/31	Other	Ceetee Michael
Architecture Asset Management	In Oyster Bay	District & Local Gov/Metro Coun	0413689770000	R 1 927 110	KwaZulu-Natal	2011/07/01	2012/08/31	Other	Roscoe Nicholas
Yethu SAPS	Yethu SAPS: Construction of a complete Boundary Fence, W25 050000: Professional services for the removal of the existing fence and the installation of a new welded mesh fence as well as backfilling of a retention pond.	Provincial Government	031 311 1111	R 1 117 200	Eastern Cape Prov	2011/11/14	2012/08/31	Other	Ceetee Michael
Britteton Traffic Water Supply	Britteton Traffic Water Supply	District & Local Gov/Metro Coun	03382931000000	R 8 900 430	Northern Cape Prov	2010/01/20	2012/08/31	Water (full water cycle)	Duke David
George Town Water Supply	Various and detailed design, Tender Documentation and construction specifications	District & Local Gov/Metro Coun	044 801 9111	R 74 503	Western Cape Prov	2010/05/31	2012/08/31	Transportation (Land, air, r	Maart Henry
N1 Improvements to Wingfield Interchange	Additional auxiliary lane from Wingfield Interchange to Monte Vista Interchange as well as the auxiliary lane at the intersection of the interchange	Provincial Government	021 483 4391	R 30 134 473	Western Cape Prov	2008/03/09	2012/04/30	Transportation (Land, air, r	Engelbrecht Hermanus
eThekweni Asset Management Services	Asset Management	Provincial Government	021 483 4391	R 425 389	KwaZulu-Natal	2011/03/01	2012/06/30	Other	Roscoe Nicholas
George Public Works Program (2009/2010)	Labour Intensive Construction of Various Streets in George by means of utilising local Small Contractors	District & Local Gov/Metro Coun	044 801 9111	R 7 717 438	Western Cape Prov	2009/08/31	2012/04/30	Transportation (Land, air, r	Van Aardt Frans
Bolagnala District Municipality Train	Review of the Bolagnala District Municipality Integrated Transport plan for 2012-2017 period	District & Local Gov/Metro Coun	034 530 4350	R 401 800	Gauteng Province	2012/01/20	2012/06/20	Transportation (Land, air, r	Erasmus David
Rea Vaya Station Surveys	Survey sample design and execution of Two 7-day passenger interview surveys at all Phase 1A stations in February, April and June 2012	City of Johannesburg	011 5315687	R 1 270 102	Western Cape Prov	2012/01/20	2012/06/20	Transportation (Land, air, r	Erasmus David
Upgrading of Louis Fourie (at 35-1)	George R. Proposed Development & Upgrading of Louis Fourie (GP 35-1) Mosses Bay	Provincial Government	021 483 4391	R 5 526 315	Gauteng Province	2008/02/28	2012/03/31	Transportation (Land, air, r	Erasmus David
Township IDPG	Township IDPG (Neighbourhood Development Programme Grant)	City of Tswane	012 358 1064	R 4 080 734	Western Cape Prov	2011/05/08	2012/06/29	Transportation (Land, air, r	Engelbrecht Hermanus
Outdushoon - Caves Cycle and Pedestrian	New Pedestrian and cycle paths to promote tourism to and from the caves alongside 28KM of TR 75/2	Provincial Government	021 483 4391	R 85 000	Northern Cape Prov	2004/10/08	2012/02/29	Transportation (Land, air, r	Engelbrecht Hermanus
Traffic Impact Study, Big Hole: Kimberley	Traffic Impact Study for the re-development of the Big Hole tourist attraction	Provincial Government	03383840000	R 250 000	Northern Cape Prov	2011/01/13	2012/02/24	Transportation (Land, air, r	Bothe Jacobs
LED STRATEGY: LERWATHEMME	Update and develop the gravel Road, Surfaced Road, Bridge, Traffic Counting and borrow Pit Management Systems. Development of database platforms as well as the compilation of tender documents for the appointment of service providers for field surveys. Develop algorithms to analyse data and determine optimum maintenance solutions using DTMMS. Update GIS maps with the new NORSAS classification system.	District & Local Gov/Metro Coun	03380272220000	R 238 777	Eastern Cape Prov	2011/07/01	2011/12/01	Transportation (Land, air, r	Bothe Jacobs
Prof Engineering Services Upstaging of the Road	Upstaging of the Road	Provincial Government	04360475010000	R 5 228 777	Eastern Cape Prov	2007/02/09	2011/12/01	Transportation (Land, air, r	Hayns Bernhard
Pothole Repairs for George Mun	Lump sum project	Provincial Government	044 801 9111	R 46 000	Western Cape Prov	2011/07/01	2011/11/30	Transportation (Land, air, r	Van Aardt Frans
Upgrading of Ritchie Waterwater Treatment Works	Water Treatment Works	District & Local Gov/Metro Coun	031 311 1111	R 521 620	Northern Cape Prov	2011/08/01	2011/11/30	Water (full water cycle)	Hayns Bernhard
Rehabilitation of Harding Town	Upgrade of Murchison Street	District & Local Gov/Metro Coun	034 530 4350	R 977 945	KwaZulu-Natal	2011/05/31	2011/08/31	Transportation (Land, air, r	Erasmus David
Water and sanitation upgrades in Johannesburg	Managing and administering an association of consultants appointed to implement (design, contract procurement, construction supervision) various water and sanitation upgrading and rehabilitation projects for Johannesburg Water during 2005-2012. Whilst also technically (design and construction monitoring) implementing and monitor the replacement installations of residential water meters within various Water Supply Districts in Johannesburg as well as implement leakage detection assessments, District boundary discretion assessments and repairs on pipelines located in the 'reville, Unilefield and Parktown Water Districts.	Parastatals (SANRAL, JRA, Eskom)	0161881534	R 54 702 819	Gauteng Province	2012/06/13	2011/07/31	Water (full water cycle)	Palms Greg
Upgrading of road DR18923 from Ellicottale to	Design, tender documentation and construction supervision of road DR08327 from gravel to surfaced road	Provincial Government	04050844502000	R 5 084 564	Eastern Cape Prov	2007/07/04	2011/07/31	Transportation (Land, air, r	Tylinpi Monde
Architecture Phase 3 AM	Architecture Asset Transactions: Phase 3	District & Local Gov/Metro Coun	031 311 1111	R 4 059 892	KwaZulu-Natal	2011/01/10	2011/06/30	Other	Roscoe Nicholas
Township Transport Policy Review	Review of Transport Policy Framework	City of Tswane	012 358 1064	R 863 090	Eastern Cape Prov	2008/09/01	2011/08/31	Transportation (Land, air, r	Erasmus David
BRT System (East London)	Infrastructure Design for the Rapid Transit (BRT) System - East London	District & Local Gov/Metro Coun	041368311000000	R 1 064 058	Western Cape Prov	2009/09/01	2011/08/31	Transportation (Land, air, r	Ceetee Michael
Monitoring Of Emerging Consultants	Professional Guidance and Assistance to Emerging Consulting Engineering Firms in the Western Cape	Provincial Government	021 483 4391	R 1 064 058	Western Cape Prov	2011/03/02	2011/03/02	Transportation (Land, air, road etc)	Engelbrecht Hermanus
Water end sanitation upgrades in Johannesburg	JV consultants appointed to implement (design, contract procurement, construction supervision) for JHB Water & sanitation upgrades in Johannesburg for the South East Region. The contract consist of various projects including investigation, preliminary and detail design work.	Parastatals (SANRAL, JRA, Eskom)	016881534	R 7 273 125	Gauteng Province	2006/10/08	2011/02/28	Water (full water cycle)	Wentzel Gert
Upgrading of Streets and Stormwater - Thunin	Upgrading of street from gravel to paved road in Masilo Thuninissen.	District & Local Gov/Metro Coun	03673310060000	R 9 886 237	Free State Province	2006/09/12	2011/02/28	Transportation (Land, air, r	De Lange Michael
NPTP - National Public Transport Regulator	Development of procedure manual and training manuals as well as an implementation strategy for the rollout of the Provincial Regulatory Entity for public transport licensing. In addition, development of an monitoring framework for the National Public Transport Regulator	Central Government	01135570000000	R 1 366 176	Gauteng Province	2011/02/23	2011/02/23	Transportation (Land, air, r	Erasmus David
Louis Fourie Road: Mosses Bay: Traffic Study (Phase 2)	Integrated plan for large metro area including, road and all passenger and freight movements as well as air transport.	Provincial Government	021 483 4391	R 1 093 320	Western Cape Prov	2005/11/04	1997/04/01	Transportation (Land, air, r	Anderson John
Ekuhuleni Metropolitan Municipality Integral Transport	Integrated plan for large metro area including, road and all passenger and freight movements as well as air transport.	District & Local Gov/Metro Coun	021 483 4391	R 5 700 000	Gauteng Province	2005/11/04	2005/11/04	Transportation (Land, air, r	Van Der Merwe Cutheli
KBS at OR Tambo International Airport	Different Small Labour Intensive Projects re: Paving, Trenching etc. In George - Design, Contract Documents Construction.	Parastatals (SANRAL, JRA, Eskom)	011 723 1400	R 1 310 803	Western Cape Prov	2009/07/20	2009/07/20	Transportation (Land, air, r	Pretorius Andre
GEORGE EPWP Projects	Construction.	District & Local Gov/Metro Coun	044 801 9111	R 5 261 424	Western Cape Prov	2005/10/04	2005/10/04	Other	Maart Henry
PAWC Road Signs Management System	Supply, construction, installation, Maintenance of Road Signs Management System for PAWC.	Provincial Government	021 483 4391	R 5 261 424	Western Cape Prov	1998/09/01	1998/09/01	Transportation (Land, air, r	Engelbrecht Hermanus
Main Road 122: Hobhouse - Boschendal	Reconstruction of 6km Rural Road through Towns of Johannesburg and Pretoria	Provincial Government	021 483 4391	R 11 394 334	Western Cape Prov	2005/01/01	2005/01/01	Transportation (Land, air, road etc)	Engelbrecht Hermanus
Upgrade of Vredendal & Lambeth Bay Ambulance	Provision of Civil & Structural Engineering Services for the Design of the Ambulance Station Upgrade	Provincial Government	021 483 4391	R 2 700 000	Western Cape Prov	2008/11/03	2008/11/03	Other	Engelbrecht Hermanus
V2 Section 14 Drainage	Drainage Design for the V2 Section 14 from KM 5 to KM 31. Design includes a 100 Pipe Culverts and 8 Box Culverts and Inlet and Outlet Structures.	Parastatals (SANRAL, JRA, Eskom)	021 957 4600	R 200 000	Western Cape Prov	2020/02/17	2020/02/17	Other	Engelbrecht Hermanus

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE 8: PROPOSED AMENDMENTS AND QUALIFICATIONS BY TENDERER

The Tenderer should record any **proposed** deviations or qualifications he may wish to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such proposed deviations and qualifications in a covering letter attached to his tender and reference such letter in this schedule. Any proposed deviations or qualifications contained in a covering letter which is not referenced in this schedule will not be considered.

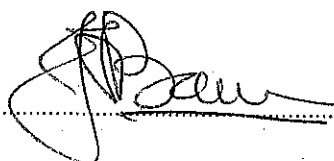
The Tenderer's attention is drawn to clause F.3.8 of the Standard Conditions of Tender referenced in the Tender Data regarding the Employer's handling of material deviations and qualifications.

If no deviations or modifications are desired, the schedule hereunder is to be marked NIL and signed by the Tenderer.

PAGE	CLAUSE OR ITEM	PROPOSAL
		(Nil)

Number of sheets appended by the tenderer to this Schedule Nil (If nil, enter NIL).

SIGNED ON BEHALF OF TENDERER:



CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE 9: KEY PERSONNEL

The tenderer is referred to clause F.2.1.1.3 of the Tender Data and shall insert in the spaces provided below details of the key personnel required to be in the employment of the tenderer or a specialist consultant/firm, in order for the tenderer to be eligible to submit a tender for this project. The Curriculum Vitae of each individual must be appended to this schedule.

a) CIVIL ENGINEER (The Tenderer)				
NAME	JOB TITLE	QUALIFICATIONS	ECSA REGISTRATION NO.	NO. OF YEARS SPECIFIED EXPERIENCE
Johan Basson	Function Manager	B.Eng B. Comm NOF-7 Pr. Eng	980345	27
b) GEOTECHNICAL ENGINEER				
NAME	JOB TITLE	QUALIFICATIONS	ECSA REGISTRATION NO.	NO. OF YEARS SPECIFIED EXPERIENCE
Fernando Pequino	Function Manager	B.Eng (Hons) Pr. Eng	20070109	15
c) TRANSPORT/TRAFFIC ENGINEER				
NAME	JOB TITLE	QUALIFICATIONS	ECSA REGISTRATION NO.	NO. OF YEARS SPECIFIED EXPERIENCE
Jaco Engelbrecht	Function Manager	NDip B. Tech ; B.Eng Pr. Eng	20090355	24
d) ELECTRICAL ENGINEER				
NAME	JOB TITLE	QUALIFICATIONS	ECSA REGISTRATION NO.	NO. OF YEARS SPECIFIED EXPERIENCE
David Dowling	Electrical Engineer	B. Tech Pr. Tech Eng	201270364	10



Personal Info:

- Date of Birth: 19/01/1965
- Country of Birth: South Africa
- Nationality: South African
- Year joined the Firm: 2005

Years of Industry Experience

- 27 years

Qualifications and Memberships

- Bachelor of Engineering (Civil), University of Stellenbosch, 1987
- Bachelor of Commerce (Economics) UNISA, 1997
- Professional Engineer, Engineering Council of South Africa (ECSA), 980345
- Fellow, Institution of Municipal Engineering of Southern Africa (IMESA)
- Member, Water Institute of Southern Africa (WISA)

Key Skills and Competencies

- Project Management
- Design and construction
- Civil engineering
- Municipal services
- Institutional support
- Procurement
- Housing

Countries of Experience

South Africa
Also international projects

Professional Overview

Johan is the Functional Manager in Urban Development in SMEC's Cape Town office. He joined Vela VKE (now SMEC) in 2005. Johan was the deputy Town Engineer in Oudtshoorn from 1993 and 2005, and was also Acting Town Engineer for more than 4 years at the municipality. From 1988 till 1993 he worked for the Roads Department of the Cape Provincial Administration, first as engineer in the bridge design section, then in the geometric roads design section and later as engineer at the Grahamstown construction unit. He was also office manager for a short time during 2005 of the Vela VKE office in George, before moving to Stellenbosch.

Johan has more than 25 years' experience in various aspects in the civil engineering field. He has experience in project management, road design and construction, transportation, storm water, water, wastewater, urban planning, housing, procurement, institutional support and municipal infrastructure and services. He has also been involved in municipal budgeting processes, tariffs, development charges, policy making and auditing, strategic planning. He has been involved in planning, design, construction management, project management and co-ordination as well as the construction, maintenance and operations of municipal infrastructure. He has managed staff components varying from more than 350 professional and road construction staff, the technical department of a municipality to a consulting engineer's office and professional division in an international consulting office.

Johan holds a Bachelor of Engineering (Civil) and Bachelor of Commerce (Economics) from the University of Stellenbosch and UNISA respectively. Johan is a Fellow and past Vice President of the Institution of Municipal Engineering of Southern Africa (IMESA) and also a member of the Water Institute of Southern Africa (WISA). He is and external examiner for final engineering students courses at both the Stellenbosch University (Project Management) and University of Cape Town (Urban Engineering).

Project Experience (2005 – current)

Sheffield Road Housing Project - Cape Town, Western Cape (2014 – current)

Client: Provincial Government of the Western Cape & HDA

Project Director / Engineer. The design, project management and implementation of civil services and top structures to providing approximately 500 low cost housing units through a turnkey project as Vula JV.

N2 Gateway Housing Project –Boys Town, Cape Town, Western Cape (2011 – current)

Client: (Vula JV) Provincial Government of the Western Cape

Project Director / Engineer. The design, project management and implementation of civil services and top structures to providing low cost housing units through a turnkey project as Vula JV. (R280 million project value)

Highlands Housing Project - Cape Town, Western Cape (2016 – current)

Client: (IQ Vision) City of Cape Town

Project Director / Engineer. The design and planning of civil services and top structures to providing approximately 770 low cost housing units.

Penhill Housing Project - Cape Town, Western Cape (2016 – current)

Client: Provincial Government of the Western Cape

Project Director / Engineer. The design and planning of civil services and top structures to providing approximately 8000 low cost housing units.

Wolwerivier Housing: Incremental Development Area (IDA) - Cape Town, Western Cape (2014 – current)

Client: City of Cape Town

Project Director. The design, planning and implementation of civil services to providing approximately 500 low cost housing units and related bulk water and sewer connection services.

Ekhupumleni Housing, Hazeldean - Cape Town, Western Cape (2014 –2015)

Client: City of Cape Town

Project Director. The design, planning and implementation of roads and stormwater services to providing approximately 200 housing units.

Klawer Valley Water Network: Simonstown Naval Base, Western Cape (2014 – 2016)

Client: Department of Public Works

Project Director / Engineer. The project involves the renewal of the water network and upgrading at the Water Treatment Works. It included the design, planning and implementation of the services.

Urban Development Strategy, Stellenbosch, Western Cape (2016 - current)

Client: (Rode & Ass.) Stellenbosch Municipality

Project Director / Engineer. The engineering inputs to the developing of an Urban Development Strategy for the Stellenbosch Municipal area.

New Student Residence (Wimbledon HUB) on the campus, Stellenbosch, Western Cape (2011 – 2014)

Client: University of Stellenbosch

Project Director / Engineer. The project involves the design and coordination between the various disciplines in the project team for the construction of a new building and related works. SMEC is responsible for the civil services connecting the building, including implementation thereof and site supervision.

Dal Josaphat Athletics Track, Drakenstein, Western Cape (2014 – 2016)

Client: Drakenstein Municipality

Project Director / Project Manager and Engineer. The design, planning and implementation of the new Class 1, IAAF certified synthetic athletic track.

Developer Contribution Policy and Calculator, Drakenstein, Western Cape (2014 – current)

Client: Drakenstein Municipality

Project Director / Project Manager. The development of the municipal policy, calculator and guidelines for Bulk infrastructure services contributions.

Community Day Centre, Ravensmead, Western Cape (2016 - current)

Client: Provincial Government of the Western Cape

Project Director / Engineer. Feasibility study.

Delft CNC, Cape Town, Western Cape (2016 - current)

Client: ESKOM

Project Director / Project Management. Civil and structural engineering for a new building.

Mooreesburg High School, Mooreesburg, Western Cape (2016 - current)

Client: Provincial Government of the Western Cape

Project Director / Engineer. Feasibility study.

Koeberg Insulator Pollution Station, Cape Town, Western Cape (2016 - current)

Client: ESKOM

Project Director / Engineer. Feasibility study.

Treated effluent tariff, Cape Town, Western Cape (2013)

Client: City of Cape Town

Project Director / Engineer. The determination of a treated effluent tariff.

Drakenstein Procurement Policy, Guidelines and Documentations, Drakenstein, Western Cape (2010 – 2012)

Client: Drakenstein Municipality

Project Director / Project Manager. The review and development of the municipal procurement policy, standard documentation, reports and guidelines.

Roads Master Plan, Stellenbosch, Western Cape (2012)

Client: Stellenbosch Municipality

Project Director / Project Manager / Engineer. The developing of a Roads Master Plan for the Stellenbosch Municipal area

Comprehensive Integrated Transport Plan (CITP) for Stellenbosch, Western Cape (2011)

Client: Stellenbosch Municipality

Project Director / Engineer. Leading a multidisciplinary team to compile and the first CITP for the Stellenbosch Municipality.

Library and Lecture Hall, Stellenbosch, Western Cape (2011 – 2012)

Client: University Stellenbosch

Project Director / Engineer. SMEC was responsible for the civil services connecting the building, including implementation thereof and site supervision. The project involves the design and coordination between the various disciplines in the project team for the construction of a new building and related works.

Africa Centre HIV and AIDS Management, Stellenbosch, Western Cape (2012)

Client: University Stellenbosch

Project Director / Engineer. SMEC was responsible for the structural and civil services for the new building.

Carbon footprint savings resulting from the Mobility Plan, Stellenbosch, Western Cape (2012)

Client: University Stellenbosch

Project Director. This project involves the modelling of the campus, analyses and reporting on the carbon footprint savings by implementing the Mobility plan.

Civil and IT (optic fibre network) services Master Planning and implementation at the Stellenbosch University campus, Stellenbosch, 2011 - current),

Client: University Stellenbosch

Project Director / Engineer. The review of existing civil services on campus and the design and contract documents for alterations and new civil and IT infrastructure.

Treatment Effluent Master Plans for all Municipalities in the Eden DM, Western Cape (2009/10)

Client: Eden District Municipality

Project Manager/Engineer. This project included individual Master Plans for each municipality in the Eden area and a combined Master Planning report for the Eden DM.

Updating the Operating Licence Strategy (OLS), Stellenbosch, Western Cape (2011 – 2012)

Client: Stellenbosch Municipality

Project Director / Engineer. The updating of the Operating Licence Strategy (OLS) for the Stellenbosch Municipal area.

Water Demand Strategy Evaluation for the City of Cape Town, Cape Town, Western Cape (2010)

Client: City of Cape Town

Project Director / Engineer. Analysis and report.

University Stellenbosch Engineering Faculty – Process Engineering Building additions, Stellenbosch, Western Cape (2011 – 2012)

Client: University Stellenbosch

Project Director / Engineer. The project involves the design, implementation and supervision for the civil services around the new additions to the existing building for the Process Engineering Faculty.

Access control and Fencing, Stellenbosch, Western Cape (2011)

Client: University Stellenbosch

Project Director / Engineer. The project entailed the design, implementation and construction supervision of access control equipment and fencing for the Engineering Faculty main campus.

Road Planning Report for Kleinmond, Western Cape (2011)

Client: Overstrand Municipality

Project Director / Engineer. The analyses, determining a road hierarchy and report on road planning in Kleinmond.

Mobility study, Stellenbosch, Western Cape (2010 – 2011)

Client: University Stellenbosch

Project Director / Project Manager / Engineer. This project involves the development of a complete new mobility plan for students and staff of the University of Stellenbosch.

Mossel Bay Water Services Development Plan (WSDP), Western Cape (2007)

Client: Mossel Bay Municipality

Project Director / Engineer. Report

Upgrading and rehabilitation of Waste Water Treatment Plant, Oudtshoorn, Western Cape (2006 – current)

Client: Oudtshoorn Municipality

Project Director / Engineer. Design, specification, contract documentation, tendering, construction monitoring of various upgrading and rehabilitation phases on the treatment plant.

Fish Hoek Outfall Sewer Rehabilitation Phase 1, Fish Hoek, Western Cape (2010)

Client: City of Cape Town

Project Director. Design, specification, contract documentation, tendering, construction monitoring of 500 dia pipe rehabilitation. R1,0m

Blue Route Sewer Rehabilitation Phase 2, Tokai, Western Cape (2010)

Client: City of Cape Town

Project Director. Design, specification, contract documentation, tendering, construction monitoring of 375 dia Cured-in-Place-Pipe liner in the median of the Blue Route Freeway. Value in 2010 R 1,3m

Climate change monitoring and evaluation – Western Cape, (2010)

Client: Umvoto Africa (for Western Cape Government)

Engineer. Facilitation during workshops and input and review of sections of the report.

Upgrading of Blaauwklippen Road, Stellenbosch, Western Cape (2009 – 2010)

Client: Cape Winelands District Municipality

Project Director / Engineer. Design, specification, contract documentation, tendering, construction monitoring of Blaauwklippen Road in Stellenbosch. Project value R12m.

Civil Services for Khayalitsha CBD Housing Development, Show Village, Western Cape (2007)

Client: Khayalitsha Trust

Project Director / Engineer. Design, documentation and site supervision

Urban Streets & sidewalks (LIC): De Rust, Dysseisdorp, Bridgton & Bongoletu, Western Cape (2007)

Client: Oudtshoorn Municipality

Project Director / Engineer. Design and tender documentation

Eradication of buckets/ new sewer reticulation system: Zoar, Western Cape (2007/8)

Client: Kannaland Municipality

Project Director / Engineer. Design and tender documentation, construction monitoring

Wellington Pedestrian path, Western Cape (2008)

Client: Cape Winelands District Municipality

Project Director / Engineer. Design and tender documents, construction monitoring of LIC contract

Hermanus & Kleinmond Parking Areas & Redevelopment of Market Square and Trading facilities, Western Cape (2007-2009)

Client: Overstrand Municipality

Project Director / Engineer. Design, tender documents and construction supervision

Bergzicht Taxi Rank & Informal Trading Area: Stellenbosch, Western Cape (2007/8)

Client: Stellenbosch Municipality

Project Director / Engineer. Design, tender documents, construction monitoring

New rural water supply network in Schoemanshoek and Buffelsdrift area: Oudtshoorn, Western Cape (2007/8)

Client: Oudtshoorn Municipality

Project Director / Engineer. Feasibility report, design and tender documents, construction monitoring

Eldorado Village, Western Cape (2006/7)

Client: Stefan Verlinde

Project Director / Engineer. Design of civil services for residential development

Kannaland Water Services Development Plan (WSDP), Western Cape (2006)

Client: Kannaland Municipality

Project Director / Engineer. Drafting of a first WSDP for the municipality.

Report on Sewage Alternatives for Zoar, Western Cape (2006)

Client: Kannaland Municipality

Project Director / Engineer. Drafting of a report to investigate the different alternatives and feasibilities to eradicate the bucket system with acceptable sewer services

Rehabilitation and upgrading of Waste Water Treatment Works: Zoar, Western Cape (2006 -2008)

Client: Kannaland Municipality

Project Director / Engineer. Report, design, documentation, site supervision and project management

Symphony Way temporary Relocation Area (TRA), Western Cape (2008)

Client: Western Cape Government

Project Director / Engineer. Civil services design, tender documentation, construction monitoring

1993-2005:

During this period Johan Basson worked for the Oudtshoorn Municipality, and became involved with all aspects of the operation, maintenance and management of civil infrastructure in Oudtshoorn, De Rust and Dysselsdorp. This included: water and waste water treatment works, the related networks and bulk supply, all roads and storm water systems, transport facilities and planning, town planning, building control, budgeting etc.

It include:

- Upgrading of the CBD in Oudtshoorn
- Upgrading and rehabilitation of storm water systems, roads and sidewalks using conventional and small contractors and LIC construction methods on different projects
- Resurfacing and rehabilitation of roads
- Upgrading of water and waste water treatment plants for Oudtshoorn
- The Deep Artesian bulk water supply to Oudtshoorn (DAGEOS).
- Various civil infrastructure provision projects to new residential areas and existing residential areas.
- Various building projects, including the provision of housing, bathrooms, offices, tourist facilities etc.
- Upgrading of the Oudtshoorn Airport.
- Storm Water Master Plans, Water and Sewer Master Plans, and a Pavement Management System were completed for the urban areas in the municipality.

Many reticulation services, roads, storm water systems and other infrastructure projects were designed and constructed "in- house" under his direct control and leadership.

During his time various functions and sections reported to Johan, these included: Parks and Recreation, Building control, Town Planning, Solid Waste, Water and Sanitation, Roads and Storm water and Projects and Planning. Johan dealt in this time with tariffs, development approvals and charges strategic planning and financing projects

1988 – 1993:

During this time Johan Basson worked for the Cape Provincial Department of Roads. Here he started to work as a design engineer in the Bridge Design office, and later in the Geometric Design Office. During this period he completed a number of road designs, and was given the opportunity to learn geometric road design and related storm water as a specialist. He was then transferred to the Grahamstown construction unit where he was involved with the rehabilitation and upgrading of the N2, N10, and the Ncanaga to Alexandria road, Grahamstown to Bedford road and the construction of a new bypass entrance road into Port Alfred

Professional History

2012- Current: SMEC – Function Manager for Urban Development, Cape Town
 2010 – 2012: Vela VKE – Director, Development Division, Cape Town
 2010 – 2012: Vela VKE – Director, Development Division, Cape Town
 2005 - 2007: Vela VKE – Associate
 2005: Vela VKE, George – Office Manager
 1993 – 2005: Oudtshoorn Municipality – Deputy Town Engineer & Acting Town Engineer (4+ years)
 1991 – 1993: Cape Provincial Administration, Grahamstown – Engineer (Construction)
 1988 – 1989: Cape Provincial Administration: Cape Town – Engineer (Bridge Design)
 1990 – 1991: Cape Provincial Administration: Cape Town – Engineer (Geometric Design)

Courses & Conferences attended

2016: PMP Preparation Course
 2007 -2015: IMESA conference
 2012: GRAP 17 and Asset Management
 2012: IFME conference, Helsinki
 2011: No Dig Berlin, Germany
 2010, 2008: WISA conference
 2008: Construction Law
 2008: CIDB Soliciting and evaluating tender offers
 2007: South Africa Transport Conference
 2006: Velo Mondial, Cape Town
 2002: Harvard University, Graduate School of Design: Infrastructure & Partnerships for Local Economic Development

Industry Leadership

2015-2016 Director: Strategic Liaisons, IMESA
 2012-2014: Vice President: Technical Divisions, IMESA
 2010 - present: External Examiner at University of Cape Town for final year engineering students: Urban Engineering
 External Examiner at Stellenbosch University for final year engineering students: Project Management
 2010 - 2012: Champion of IMESA Western Cape Branch Working Group for Project and Business Management, and EXCO member: Treasurer
 2008 - present: Elected member of IMESA National EXCO and Member of IMESA National Council
 2005: Champion of the IMESA Southern Cape & Karoo Branch Working group for Roads & Stormwater

- 2005: Chairman of Western Cape Roads and Transport ProvTech Sub-committee:
Infrastructure, Standards and Procedures
- 2003: Chairman of the Southern Cape & Karoo Branch of IMESA

Publications & Papers presented

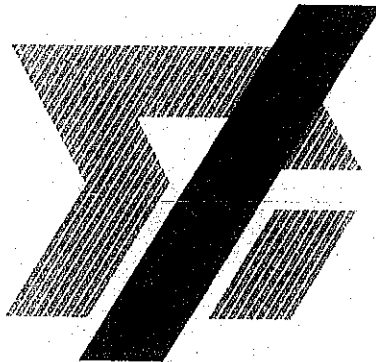
- 2014: IMESA Conference, Durban: Presenter and co-author: *Innovation towards a sustainable Stellenbosch*
- 2013: IWA Conference, Windhoek: Presenter and co-author: *What is driving the price of treated effluent in Cape Town?*
- 2009: IMESA Conference, Cape Town: Presenter and co-author: *Empowerment of the community through the provision of infrastructure*
- 2006: IMESA Conference, Soweto: Co-author: *Use of Innovative science and technology to support water supply to Oudtshoorn, Western Cape, South Africa*

Language Skills

Mother Tongue:

Languages	Speak	Read	Write
English	Excellent	Excellent	Excellent
Afrikaans	Excellent	Excellent	Excellent

Engineering Council of South Africa



This is to
certify
that

Johan Hugo Basson

is registered as

Professional Engineer

in terms of the Engineering Profession of South Africa Act
1990 (Act 114 of 1990)

Date

21 May 1998

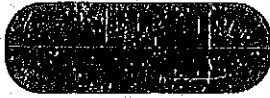
Registration
Number

980345

President

Registrar





This certificate is not
valid if the number
above is not visible

577

ETQA Registration Number

Certificate

of Competency

Management of Civil Engineering Construction Processes

This is to certify that

John Hugo Basson

Identity Number
6501195180089

*Has been assessed and proven competent in the under-mentioned
unit standards and has been awarded the skills programme*

SP-ND-CM-7-E-1-20

The content of the Skills Programme is reflected on the reverse

Date of achievement

9 June 2006

Date Of Issue

17 April 2008

Chief Executive Officer

Manager: Quality Assurance



The contents of this certificate must be validated with CETA

Management of Civil Engineering Construction Processes

Units Id	NQF Level	Credits	Description of Unit Standards
114913	Level 7	20	Develop and promote labour intensive construction strategies



Berufliche Aus- und Fortbildung
Advanced Professional Training

Mr. Basson Johan Hugo

auf Einladung des
on invitation of the

Bayerischen Staatsministeriums für Wirtschaft, Verkehr und Technologie
Bavarian Ministry for Economic Affairs, Transport and Technology

eine berufliche Aus- und Fortbildung erhalten auf dem Gebiet:
advanced professional training in the field of:

Environmental Bavaria – Abfallwirtschaft / Südafrika 2003

Hiermit wird bestätigt,
daß die Aus- und Fortbildung erfolgreich abgeschlossen wurde.
It is hereby certified that the training has been successfully completed.



BAYERISCHES STAATSMINISTERIUM
FÜR WIRTSCHAFT, VERKEHR UND TECHNOLOGIE

Im Auftrag

G. Reidl

7A Guild House, 239 Bronkhorst Street, New Muckleneuk
PO Box 2058, Groenkloof, 0027
Tel (012) 346 4140, Fax (012) 346 4121
E-mail: saves@mwweb.co.za



CK98/07055

Our Reference: BASSON JH - Level 7 - 2 November 06.doc

Date: 3 November 2006

TO WHOM IT MAY CONCERN

South African Value Education (CETA accreditation number: 5P5350) hereby certifies that:

TITLE	SURNAME	FULL NAMES	ID NUMBER
Mr	Basson	John Hugo	6501195180089

has been assessed and declared **COMPETENT** in the following Skills Programme/s:

1. NQF Level 7 – Develop and Promote Labour Intensive Construction Strategies (114913)

The learner's details have been submitted to the *Construction Education and Training Authority* (CETA), who will award the qualification certificate. CETA will forward the certificate to SAVE, who will then forward it to the learner. Since it is a time consuming process for certificates to be awarded, this letter will serve as confirmation of competency.

Should you require any other information you are welcome to contact SAVE at 012-3464140 or E-mail at saves@mwweb.co.za.

Yours faithfully

S A Value Education

A B E Theron

South African
Value Education



7B Guild House, 239 Bronkhorst Street
New Muckleneuk
P O Box 2058 GROENKLOOF 0027
Tel: (012) 346 4140 Fax: (012) 346 4121
E-mail: saves@mwweb.co.za

THE INSTITUTION OF MUNICIPAL ENGINEERING
OF SOUTHERN AFRICA



THIS IS TO CERTIFY THAT

Johan Hugo Bosson

HAS BEEN ELECTED

Member

OF THE

INSTITUTION OF MUNICIPAL ENGINEERING
OF SOUTHERN AFRICA

822

Date of Election

1 November 1997

Membership Number

[Signature]
President

[Signature]
Secretary

Die Universiteit van Stellenbosch

Storage units are located in the basement.

16. *Journal of the American Medical Association*, 273:1221-1222 (1995).

VERBODEN TOEGANG VOOR ALLE TOEGANGSPERSONEN

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

THE UNIVERSITY OF CHICAGO

Stallensbach

100

Universiteit van Suid-Afrika



Ons verklaar dat

Johan Hugo Basson

op 16 Mei 1997

*by 'n kongregasie van die Universiteit
toegelaat is tot die graad*

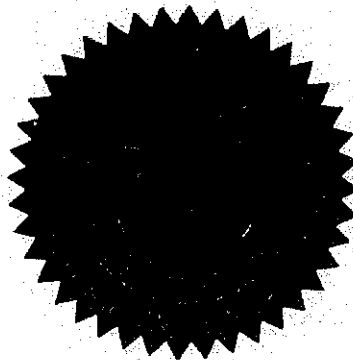
BACCALAUREUS COMMERCII

*aangesien aan die vereistes van die Wet
en die Statuut voldoen is*

Maats Winkles

Visekanselier

PRETORIA



De Klerk

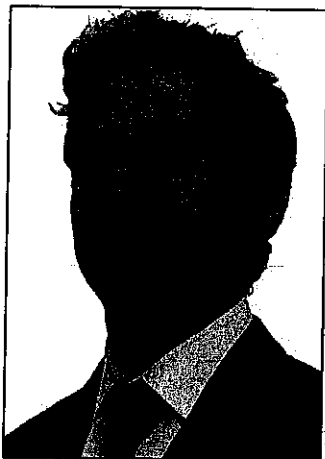
Dekaan

Amag

Registrateur

Fernando Pequenino

Section Manager: Geotechnics



Years of Industry Experience

- 14 years experience

Qualifications and Memberships

- Bachelor of Engineering (Hons) Geotechnical University of Pretoria 2009
- Graduate Diploma in Engineering (Civil) University of Witwatersrand 2006
- Bachelor of Engineering (Civil Engineering), University of Pretoria, 1999
- Professionally registered with Engineering Council of South Africa (ECSA), PR Eng (SA) 20070109
- Member of the South African Institute of Civil Engineers (SAICE) MSAICE (970159)
- NHBRC Registered Competent Person (Geotechnics) 162231776

Key Skills and Competencies

- Geotechnical Engineering
- Foundation Engineering
- Pile design
- Retaining wall design
- Lateral support and excavation design
- Urban developments and

Professional History

Fernando is a registered professional engineer with 14 years of experience as a geotechnical engineer. He has completed numerous investigations, analyses, designs and reports for various industrial, commercial, residential and multi-disciplinary infrastructural developments (railways, bridges and tunnels). His geotechnical experience extends to pile foundation, slope stability and retaining structure analyses and designs as well as the utilisation of soils for road pavement and building materials. These projects have been located throughout most of South and Southern Africa, but his international experience also extends to Angola, Kenya, Ghana, Uganda and the United Kingdom.

Many of the projects on which he has worked represent visionary infrastructure developments with project values in excess of R1-billion; these include the Gautrain Viaducts, NMPP Inland Terminal, ORTIA Midfield Terminal, Baia de Luanda Marginal and a new SAB Miller and Coca-Cola Bottling Plant also in Luanda.

Fernando has been responsible for the design of several challenging geotechnical projects. These have included the evaluation of slip failures in the high embankments of the D5002 road near Thoyandou, the large SAB Miller Brewery on highly expansive clays in Luanda and a Casino and mixed use development on very soft alluvial clays for Peermont Resorts in Richards Bay.

Fernando provides specialist input to the various foundation engineering aspects of building projects this includes; pile design, pile damage, excavations, basements, retaining walls, ground anchors and lateral support, foundation/pile selection and optimisation, pile testing and quality assurance.

Fernando also has widespread experience in design and construction, as well as the production of tender and contract documentation for the various geotechnical and materials aspects related to infrastructure developments, such as retaining walls, earthworks and foundations.

Fernando has experience in the design and construction of tailings dams (whilst working at SRK Consulting), and has also been involved in contaminated land studies of industrial sites, notably two for Rolls-Royce.

Fernando is currently completing a Masters in Engineering with specialisation Project Management (M.P.M.) at the University of Pretoria; his thesis deals with the Evaluation and Management of Geotechnical Risk in Projects.

In summary, Fernando's broad project exposure and specialist geotechnical and management experience makes him ideally suited to this project.

Relevant Project Experience

Accra Brewery (2013 - current) GHANA

Client: SAB Miller and Accra Breweries

Geotechnical Specialist – Specialist input to feasibility study for the location of a new brewery in Accra. Fernando was responsible for undertaking preliminary investigations on a number of sites proposed for the development and evaluating the ground related risk and cost of development for foundation and earthwork components of the work.

Upgrade of N2/26 Mt Edgecombe to Tongaat including Mdloti Viaduct (2010 – current) KWA-ZULU NATAL

Client: South African Road Agency Limited (SANRAL)

Geotechnical Specialist – Geotechnical investigation and design of several large embankments and very deep cuttings, retaining walls, foundations for bridges including for the Mdloti Viaducts, two 284m incrementally launched viaducts, in Durban. Detailed stability analysis of the fills was undertaken as well as the investigation of the consolidation characteristic of the subgrade sands and clays which extend to 40m.

CrossRoads Housing Proj. (2009 – 2013) CAPE TOWN

Client: City of Cape Town Metropolitan Municipality

Geotechnical Specialist – Phase 1 and 2 geotechnical investigation and specialist input for a subsidy housing project which was undertaken as a turnkey project where Vela VKE has entered into a joint venture with Martin & East for the construction of 1392 houses as well as roads and associated civil services. Fernando was responsible for overseeing the geotechnical investigations, inspection of foundations, classification of site according to NHBRC requirements, review of pavement materials requirements (sources and suitability), and design of remedial measures (soil improvement) for part of the site underlain by significant amounts of waste and rubble.

Nile River Brewery Extensions (2010) Jinja, UGANDA

Client: Nile River Brewery and SAB Miller

Geotechnical Specialist – After significant problems and variations were encountered after construction had commenced, specialist geotechnical input was required for extensions to an existing brewery. Fernando was responsible for reviewing previous geotechnical investigations (by others), undertaking additional investigations, and providing foundation recommendations for several storage tanks, distillery, silos and buildings. Practical recommendations were provided to ensure that construction wasn't further delayed and to prevent additional or alternative construction equipment from being required. All this was done within tight timeframes as construction was ongoing.

A-Prep Depots (2010- 2013) City Deep, Beaufort West and Postmasburg, SOUTH AFRICA

Client: Transnet

Geotechnical Specialist – Geotechnical investigation for the design and construction of Locomotive Maintenance Depots at Kaserne, Postmasburg and Beaufort West. Fernando was responsible for overseeing the geotechnical investigations for the three depots designed for the maintenance of heavy freight locomotives.

Valhalla Park Housing Project (2009) CAPE TOWN

Client: City of Cape Town Metropolitan Municipality

Geotechnical Specialist – GSFH-2 Phase 1 investigation for the development of 500 stands in Valhalla Park, Near Bishops Lavis in Cape Town. Fernando was responsible for overseeing the geotechnical investigations and classification of site according to NHBRC requirements.

Luanda Waterfront Development (2005 - 2010) ANGOLA

Client: Luanda Waterfront Development

Geotechnical Engineer - Geotechnical investigation for the widening of the Luanda Promenade including a new interchange on weak alluvial soils. Responsibilities included; geotechnical investigation, management and supervision of the geotechnical drilling contract, specialist geotechnical and materials input and the geotechnical reporting, design and foundation recommendations for the interchange.

S.A. Navy Headquarters and Naval Mess (2009) TSHWANE

Client: Department of Defence

Geotechnical Engineer - Feasibility study, geotechnical investigation and specialist input.

Nasrec Railway Sliplink (2008 - 2010) JOHANNESBURG

Client: SARCC/Metrorail

Geotechnical Specialist - Geotechnical investigation and foundation recommendations for a new bridge, 2km rail link, and 8m high, 500m long section of soil-nail retaining wall. Fernando was responsible for the design of the soil-nail wall and bridge approach embankments. This included inspection and quality assurance works during construction.

N17 Freeway Link (2008 - 2010) SOWETO

Client: South African Road Agency Limited (SANRAL)

Geotechnical Specialist - Geotechnical investigation, analysis, design, reporting and construction inspection for a new 5km section of highway through challenging geological terrain, including the N1/N17 interchange, 6 major bridges including one of the largest jacked bridges in SAf, deep cuttings in tailings and high fills on soft compressible soils.

Gautrain Rapid Rail Link; Viaducts (South) Package (2008 - 2010) GAUTRAIN

Client: Bombela

Geotechnical Engineer- Planning and supervision of the geotechnical investigation for 7 viaducts, including a 1.5km long viaduct at OR Tambo International Airport, as part of the final design of the project.

N17 Freeway Link (2008 - 2010) SOWETO

Client: South African Road Agency Limited (SANRAL)

Geotechnical Specialist -Geotechnical investigation, analysis, design, reporting and construction inspection for a new 5km section of highway through challenging geological terrain, including the N1/N17 interchange, 6 major bridges including one of the largest jacked bridges in SAf, deep cuttings in tailings and high fills on soft compressible soils.

PPP. Berea Park (2008) TSHWANE

Client: Department of Land Affairs

Geotechnical Specialist -Geotechnical investigation and foundation recommendations for a new campus for the Department of Land Affairs. Several multi storey buildings are proposed on a sites straddling challenging geological terrain; including deep alluvial deposits of the Apies River and the deeply weathered Pretoria Dyke. Fernando was responsible for the geotechnical investigation, evaluation of ground related construction risks, and providing foundation recommendations.

Richards Bay Casino (2008) KWA-ZULU NATAL

Client: Peermont Global Resorts

Geotechnical Design Engineer -Fernando was responsible for the investigation of a site in Richards Bay for a new casino and mixed use commercial and residential development. The site was situated on a deeply incised paleo-channel which had filled with very soft alluvial clays. Extensive investigations which included the use of CPT/piezo-probing

Bottling Plant (2008 – 2009) Cacuaco ANGOLA

Client: - SAB Miller and Coca-Cola

Geotechnical Specialist -Geotechnical investigation, design and report for new R1billion brewery and bottling plant on highly expansive clays north of Luanda. Fernando was responsible for overseeing the geotechnical investigation which included extensive laboratory testing and analysis to evaluate the expansiveness of clays encountered on the site. Recommendations were provided for foundations, pavement materials and excavations.

New Multi-Products Pipeline, Inland Terminal (2008 – 2010) GAUTENG

Client : Transnet

Geotechnical Specialist -Vela VKE was appointed as the geotechnical consultants for the proposed Inland Terminal for the R13 billion, New-Multi Products fuel Pipeline from Durban to Johannesburg. The Inland Terminal near Heidelberg

comprises including 20 - 20ML fuel storage tanks, and associated infrastructure, pumps, pipelines, control rooms and access roads. The investigation included a detailed study of geotechnical conditions and construction material sources. Fernando was responsible for overseeing the investigation and providing foundation recommendations for new fuel terminal (tank farm) Investigation and evaluating commercial and borrow material sources. Fernando was also responsible for Study and assessment of risk related to past and future undermining near and below a new fuel terminal (tank farm).

Midfield Terminal (2008) OR Tambo International Airport

Client: Airports Company South Africa ACSA

Geotechnical Specialist - Geotechnical investigation, design, specialist input and report for proposed upgrades at ORTIA comprising a new midfield terminal and aprons for the new A380 aircraft. Fernando was involved in the geotechnical investigation, including test pitting, logging of core and design analysis of a 10m high embankment on soft, saturated, clay soils.

Tukkies Residential Village (2006 -2007), Tshwane

Client: University of Pretoria

Geotechnical Specialist - Geotechnical investigation, report and inspection of foundations for several 5 storey buildings for a new student residence. The site for the buildings is characterised by highly variable and in places very poor ground conditions which required unique founding solutions for the respective buildings. Individual foundations were inspected to ensure that a suitable and consistent founding stratum was found for each, to mitigate against expected differential settlement.

Gauteng and Northwest Province Subsidy Housing Projects (2005 - 2009) SOUTH AFRICA

Client: Metroprojects Development

Geotechnical Engineer - Investigation and specialist geotechnical input for various subsidy housing developments at various stages of development in the Northwest and Gauteng Provinces. The appointments covered geotechnical investigation reports on foundation conditions for township establishment and construction of government subsidy houses on various problem soils including collapsible sands, dolomite, heaving soils and classification of the sites according to NHBRC and GSFH-2 Specification. The various appointments covered over 10,000 stands.

Mamelodi Sewer Tunnel, (2003 - 2006) TSHWANE

Client: City of Tshwane Metropolitan Municipality

Geotechnical Engineer - Investigation and design of a 3m diameter, 800m tunnel through the Magaliesberg in Pretoria. Extensive core drilling (holes up to 120m deep) and laboratory testing was carried out to investigate the geotechnical conditions and rock mass characteristics for the tunnel design. Responsibilities included, contract management and supervision of drilling contractor, detailed core logging and completion of the final report including analysis of laboratory results geological and rock mass conditions.

Rolls Royce Hucknall (2003) Nottinghamshire, UNITED KINGDOM

Client: Rolls Royce

Geotechnical Engineer - Phase 1 contaminated land assessment (desk study report), responsibilities included the preparation of the report, site inspection, and review of geotechnical, geological and environmental data and records available.



Local People. Global Experience.

Project SLAM (2003) UNITED KINGDOM

Client: Ministry of defence

Geotechnical Engineer -Geotechnical investigation of three British ministry of defence sites; DNBCC Winterbourne Gunner, Wiltshire; RNAS Culdrose, Cornwall; and RAF Chivenor, Devon as part of the £1 billion Project SLAM to upgrade Single Living Accommodation for some 30,000 members of the armed forces. Responsibilities included the completion of the geotechnical reports and the preparation of tenders and contract management of geotechnical site investigating subcontractors.

Union Section Mine, Tailings &Return Water Dams (2001- 2002) LIMPOPO

Client: Anglo Platinum

Geotechnical Engineer -Supervised the construction of a R30 mil Tailings dam and the R10mil Return Water Dam. Tasks included; supervision and quality assurance, client relations, safety management, comprehensive recording, reporting, and evaluation of all construction work carried out. (heavy earthwork and civil construction; various pipelines, culverts, trenches, clay water retaining dam wall, clay tailings dam wall, 28m high reinforced-concrete towers, pumphouse and other associated structures).

Western Platinum Tailings dam No. 7 and RWD (2001) NORTH WEST PROVINCE

Client: Lonmin

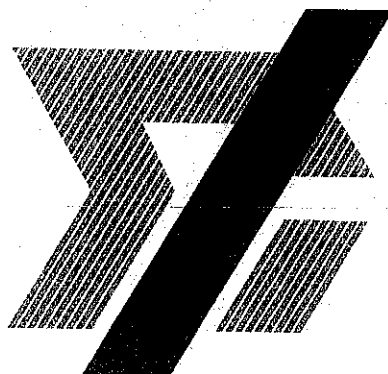
Geotechnical Engineer - Supervised at the construction of a R25 mil tailings dam and Return Water Dam. Tasks included the supervision and quality assurance, comprehensive recording, reporting and evaluation of all construction work carried out. (various pipelines, culverts, clay water retaining dam wall, clay tailings dam wall, 30m high reinforced-concrete towers, and other associated structures.

Corridor Sands Titanium Mining Project (2000) MOZAMBIQUE

Client: Corridor Sands

Geotechnical Engineer - Assisting in feasibility study, including costing, preparation of tender documentation and design of a R200 mil (2000) tailings dam. Fernando was also responsible for overseeing cyclone and tailings depositions testing during the operation of the pilot plant on the site.

Engineering Council of South Africa



This is to
certify
that

Fernando Paul Pequeno

is registered as

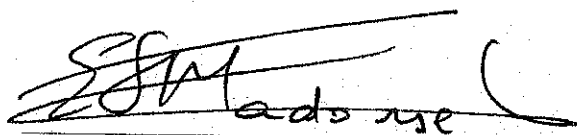
Professional Engineer

in terms of the Engineering Profession Act, 2000
(Act No. 46 of 2000)

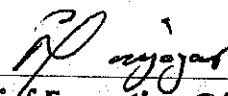
Date *5 July 2007*

Registration
Number

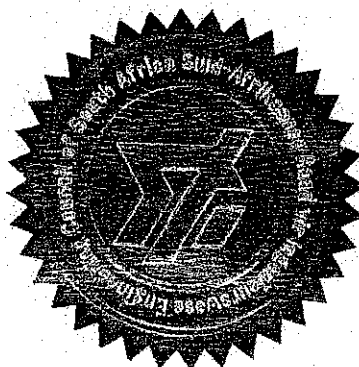
20070109



President



Chief Executive Officer



The Council and Senate hereby declare that
at a congregation of the University the degree

with all the associated rights and privileges
was conferred on

in terms of the Act and Statutes of the University

James H.

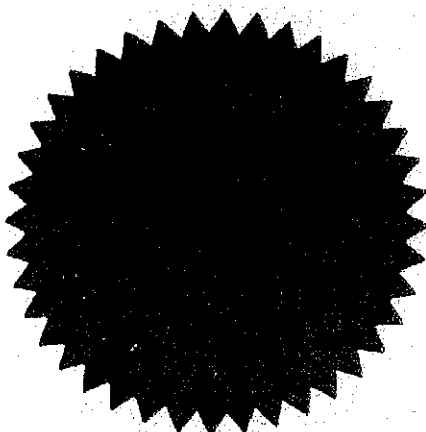
On behalf of the Faculty of
Engineering

Ch. H. Jones

Dean

Above

Registrar



2000-04-10



UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG

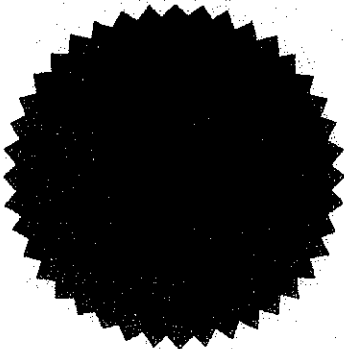
This is to Certify that
on 5 December 2006

Fernando Paul Pequenino

having satisfied the requirements

is hereby granted the

Graduate Diploma in Engineering
Civil and Environmental Engineering



Acting Dean, Faculty of Engineering &
the Built Environment



Acting Vice-Chancellor and Principal



Registrar



University of Pretoria

The Council and Senate hereby declare that
at a congregation of the University the degree

Bachelor of Engineering (Honours) (Geotechnical Engineering)

with all the associated rights and privileges
was conferred on

FERNANDO PAUL PEQUENINO

in terms of the Higher Education Act, 1997 and the Statute of the University

On behalf of the Council and Senate

Ch. H. Jenkins

Vice-Chancellor and Principal

On behalf of the Faculty of Engineering,
Built Environment and Information Technology

Pfanderbergh

Dean

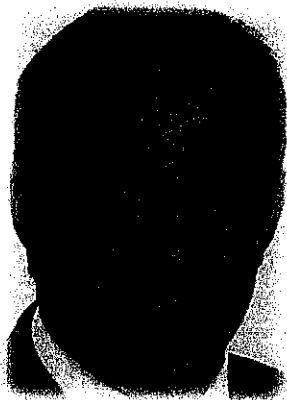
A. G. Smith

Registrar

2009-04-30

Jaco Engelbrecht

Function Manager Roads and Highways



Personal Info:

- Date of Birth: 16/04/1967
- Country of Birth: South Africa
- Nationality: South African
- Year joined the Firm: 1987

Years of Industry Experience

- 24

Qualifications and Memberships

- Bachelor of Honours, Transportation Engineering, University of Pretoria, 1998
- Bachelor of Engineering, Civil, University of Pretoria, 1995
- Bachelor of Technology, Engineering, Civil, Technikon Freestate, 1990
- National Diploma, Engineering, Civil, 1989, Technikon Freestate
- Professional Engineer, Engineering Council of South Africa, Pr20090355
- Member, Institute for Municipal Engineers of South Africa

Key Skills and Competencies

- Consortium Leader
- Project Management
- Traffic and Transportation Planning
- Design and Construction
- Civil Engineering

Countries of Experience
South Africa, Namibia

Professional Overview

Jaco joined SMEC south Africa (formerly Vela VKE) in 1987. In 1996 Jaco was appointed Associate. From 1996 to 2005 Jaco managed the Kimberley and George offices respectively and in 2005 was appointed as Technical Director in the Cape Town office. In 2008 Jaco was appointed Function Manager Roads and Highways and in 2009 Regional Manager, Western Cape.

Jaco has 24 years experience in Civil Engineering specialising in the design and construction of roads, traffic and transportation engineering projects, pavement management systems, poverty alleviation and labour intensive construction, empowerment projects and site supervision. His experience also includes project management of large projects including the management of consortia.

Jaco holds a Bachelor of Engineering (Civil) and a Bachelor of Honours, Transportation Engineering from the University of Pretoria. He is a Professional Engineer registered with the Engineering Council of South Africa and is a member of the Institute for Municipal Engineers of South Africa.

Project Experience

C1578: Moloto TA1 Approval, Gauteng Province, South Africa (2015-2015)
Client: PRASA

To get TAI Approval for the Moloto Development Corridor Feasibility Study. Project Value: R 1 500 000 (fee value)

Role: Consortium Leader

Responsibilities: Steer the project towards Treasury Approval 1

C1450: N1 Widening Parow North to Old Oak, South Africa (2013-2015)
Client: WESTERN CAPE GOVERNMENT

Assisting the Road Network Management Branch with the extension of the 3rd lane on Trunk Road 9/1 (Route N1) from West of Durban Road Interchange to the start of National Road N1/1 beyond Old Oak Interchange. Project Value: R 450 000 000 (construction value)

Role: Project Director

Responsibilities: Project management, traffic and transportation, overseeing production of the preliminary design report.

C1422: City Wide NMT: Northern Region, South Africa (2013-2015)
Client: CAPE TOWN CITY COUNCIL

Professional services for the prelim design, detail design, tender documentation and construction of the prioritised projects for the Northern Region as part of the City Wide NMT Implementation programme. Project Value: R 190 000 000 (construction value)

Role: Project Director

Responsibilities: Project management and review of final design and tender documentation.

J5073: Moloto Development Corridor - FS, Gauteng Province, South Africa (2012-2014)

Client: DEPARTMENT OF TRANSPORT

Conducting a feasibility study for the Moloto Development Corridor - The project is intended to provide transport solutions, transport economics, engineering, costing, legal, economic development, environmental and financial advisory services for the development of the Moloto Development Corridor. The current and future socio-economic aspects of the corridor must be assessed, their shortfalls, driving factors and limitations created by accessibility. These aspects must then be linked into existing infrastructure and policy to create a sustainable solution that promotes an increase in net welfare. Project Value: R 14 500 000 (fee value)

Role: Consortium Leader and Project Director

Responsibilities: Act as consortium leader but also lead the transportation and rail infrastructure work stream.

C1292: Mowbray Railway Cutting, Western Cape Province, South Africa (2010-2012)

Client: Metrorail Western Cape

Design, Maintenance and Supervision. The existing cutting to be assessed. Stormwater drainage to be designed. Project Value: R 250 000 (fee value)

Role: Project Director

Responsibilities: Investigation, detail design and documentation for the improvement of slope stability and drainage of the Mowbray railway cutting

C1259: Integrated Transport Plan Data Collection for Cape Town, Western Cape Province, South Africa (2010-2013)

Client: City of Cape Town

Collection, Capture, Analysis and Presentation of Transport Data for the upgrade of the Integrated Transport Plan. Project Value: R 4 000 000 (fee value)

Role: Project Director

Responsibilities: Assist the City of Cape Town to collect, capture, analyse and present the public transport data for the update of the Integrated Transport Plan as well as collating and maintaining the City's Public Transport Record

C1237: N1 Improvements to Wingfield Interchange, Western Cape Province, South Africa (2010-2012)

Client: Provincial Administration of the Western Cape

Additional auxiliary lane from Wingfield Interchange to Monte Vista Interchange as well as the auxiliary lane at Bosmansdam Interchange. Project Value: R 35 500 000 (construction value)

Role: Project Director

Responsibilities: Project Management, planning and preliminary design report and responsible for traffic and transport work stream.

C1201: Improvement of N7/3 Citrusdal to Cederberg, Western Cape Province, South Africa (2009-2014)

Client: South African National Roads Agency SOC (Pty) Limited

Consulting Engineering Services for the Improvement of National Route 7 Section 3 Between Citrusdal Intersection & Cederberg Intersection. Project Value: R 7 500 555 (fee value)

Role: Project Director

Responsibilities: Preliminary and detail design, documentation, and project management of the rehabilitation and improvement of the N7 from km75,0 to km102,0

C1119: N1-N2 Toll Road Update of Data, Western Cape Province, South Africa (2008-2011)

Client: Protea Parkway Consortium

Update Data for 100km Toll Road Project Development Project Value: R 11 500 000 (fee value)

Role: Project Director

Responsibilities: The preparation of tender documents and drawings for the design, construction, finance, operation and maintenance of National Route 1 (Old Oak Interchange to Sandhills) and National Route 2 (Swartklip Interchange to Botrivier) as Toll Highways including associated developments and facilities under a concession contract

C1156: Upgrade of Vredendal & Lamberts Bay, Western Cape Province, South Africa (2008)

Client: Provincial Administration of the Western Cape Provision of Civil & Structural Engineering Services for the Design of the Ambulance Station Upgrade Project Value: R 2 700 000 (construction value)

Role: Project Director

Responsibilities: The civil and structural design and supervision for the construction of new ambulance depots in Vredendal and Lamberts Bay

C1014: Rehabilitation of D1529, South Africa (2006-2014)

Client: Provincial Administration of the Western Cape

Upgrading of Two Roads in the Vleesbaai Area, Namely D1529 & D1532 Project Value: R 75 000 000 (construction Value)

Role: Project Director

Responsibilities: Preliminary and detail design and documentation for the rehabilitation of D1532 from km0,0 to km17.16 and D1529 from km12,79 to km14,85.

C1107: 2010 World Cup Intercity Coach Transport, South Africa (2008)

Client: DEPARTMENT OF TRANSPORT

2010 World Cup Intercity Coach Transport Project Value: R 2 850 000 (fee value)

Role: Project Director

Responsibilities: The development of an operational plan for the transportation of tourist and soccer supporters to host cities during the soccer world cup event.

C1048: Upgrading of York Street : George, Western Cape Province, South Africa (2007-2013)

Client: George Municipality

Upgrading of York Street from the Panther Road Intersection to the New Traffic Circle Project Value: R 51 500 000 (construction value)

Role: Project Director

Responsibilities: Preliminary and detail design, documentation, and project management of the improvement of the N2 York Street Interchange including the widening of the York Street bridge and the construction of a new pedestrian bridge across the N2

C1071: Buitengracht Grade Separated Crossing, Western Cape Province, South Africa (2007)

Client: Arcus Gibb (Pty) Ltd

Construction of a Grade Separated Crossing of the Buitengracht at Coen Steytler Avenue and the Waterfront Project Value: R 7 500 000

Role: Project Manager

Responsibilities: The development of an operational plan for the transportation of tourist and soccer supporters to host cities during the soccer world cup event

C0959: Rehabilitation of Sandkraal Road, George, Western Cape Province, South Africa (2005-2011)

Client: Department of Public Works

Improvement of Public Transport in George Municipal Area by the Improvement of Transport Corridors, Provision of Dignified Spaces and the Restructuring of the Public Transport System Project Value: R 30 000 000 (construction value)

Role: Project Manager

Responsibilities: Preliminary and detail design, documentation, and project management of the upgrading of Sandkraal Road: Phase 2 as per the George Mobility Strategy

C1044: NDOT Monitoring Panel, Namibia (2007-Current)

Client: Department of Transport

Monitoring & Evaluation of Public Transport Infrastructure Fund Project Grants Project Value: R 285867.00

Role: Project Manager

Responsibilities: Monitoring and evaluation of Public Transport Infrastructure Fund project grants in the Nelson Mandela Bay Municipality

C1001: Karoo Desert National Botanical Garden, Western Cape Province, South Africa (2011-2011)

Client: South African National Biodiversity

Project Management of a Restaurant, Parking Area & Roads at Botanical Garden in Worcester Project Value: R 480 000 (fee value)

Role: Project Manager

Responsibilities: The project management for the construction of a new restaurant in the Karoo Desert Botanical Garden in Worcester through labour intensive methods

C1000: Makana National Botanical Gardens, Western Cape Province, South Africa (2006)

Client: South African National Biodiversity

Project Management on Construction of a Restaurant, Parking Area & Roads at Botanical Garden in Grahamstown Project Value: R 1 650 000 (fee value)

Role: Project Manager

Responsibilities: The project management for the upgrading of the Ornee Cottage, construction of new ablution facilities, tea room and Environmental Education Centre in the Makana Botanical Garden in Grahamstown through labour intensive construction methods

C0964: Kraaibosch Development Planning, Western Cape Province, South Africa (2005)

Client: George Municipality

The Design of a New Street Network for the Kraaibosch Residential Area Project Value: R 3 200 000 (construction value)

Role: Project Manager

Responsibilities: Conceptualising of formulae for the apportionment of cost of the Kraaibosch road network

C0965: Otavi-Tsumeb Preparation of Project, Namibia (2008-2008)

Client: VKE Namibia Incorporated

Generation of Various Alternative Proposals for Rehabilitating & Upgrading 67km of Rural Trunk Rd in Northern Namibia. The Road is a two-lane Bitumen Surfaced Facility using Pedogenic P/ment Materials Project Value: R 180 000 (fee value)

Role: Project Manager

Responsibilities: Drafting of a Non-Motorised Master Plan for the Eden District Municipal Area

C0961: Integrated Transport Plan, Western Cape Province, South Africa (2011-2011)

Client: Department of Public Works

Compilation of an ITP for the Eden District Municipality Project Value: R 495 000 (fee value)

Role: Project Manager

Responsibilities: Drafting of an Integrated Transport Plan for the Garden Route area

C0960: Installation of Traffic Signals in, Western Cape Province, South Africa (2005-2012)

Client: George Municipality

Installation of Traffic Signals at various Intersections in George Project Value: R 0.00

Role: Project Manager

Responsibilities: Drafting of an arterial management plan for the Knysna Road arterial in George

C0951: Oudtshoorn - Cango Caves Cycle and, Western Cape Province, South Africa (2004-2012)

Client: Provincial Administration Western Cape

New Pedestrian and cycle paths to promote tourism to and from the caves alongside 28KM of TR 75/2 Project Value: R 4 100 000 (construction value)

Role: Project Manager

Responsibilities: Engineering report for the purposes of the EIA, Preliminary and detail design, documentation and project management

C0771: Main Road 172: Helshoogte - Boschendal, Western Cape Province, South Africa (1999-2010)

Client: Provincial Administration of the Western Cape

Reconstruction of 6km Rural Road through Towns of Johannesdal and Pniel Project Value: R 11 950 000 (construction value)

Role: Project Director

Responsibilities: Preliminary and detail design, documentation, and project management of the reconstruction of Main Road 172 between Helshoogte and Boschendal

BO128: Operating License Strategy, Western Cape Province, South Africa (2003-2005)

Client: Western Cape Government

Compilation of an operating license strategy and Public Transport Plan for the Garden Route area Project Value: R 150 000 (fee value)

Role: Project Manager

Responsibilities: Drafting of a Public Transport Plan for the Eden District Municipal Area

BO139: North Street, Pacaltsdorp, Northern Cape Province, South Africa (2006-2006)

Client: George Municipality

Upgrading of North Street in Pacaltsdorp, George Project Value: R 350 000

Role: Project Manager

Responsibilities: Design, documentation, site supervision and project management of the paving of North Street in Pacaltsdorp, George

BO145: Mossel Bay Job Creation Project, Western Cape Province, South Africa (2006-2006)

Client: Mossel Bay Municipality

Upgrading of Streets in Greenhaven Project Value: R 100 000

Role: Project Manager

Responsibilities: Upgrading of streets and sidewalks in Greenhaven, Extension 3 and 4 in Great Brakriver

BO122: Lakes Eco and Golf Reserve, Western Cape Province, South Africa (2007-2007)

Client: Developer

Traffic Impact Assessment: The Lakes Eco and Golf Reserve in Knysna Project Value: R 75 000

Role: Project Manager

Responsibilities: Traffic Impact Assessment of the Lakes Eco and Golf Reserve in Knysna

BO123: Glenwood/Kraaibosch Study, Western Cape Province, South Africa (2007-2007)

Client: Default

Master planning for road network for the proposed Glenwood and Kraaibosch developments Project Value: R 50 000

Role: Project Manager

Responsibilities: Master planning of road network for the proposed Glenwood and Kraaibosch developments

BO124: Bus Tender Panel, North West Province, South Africa (2006-2006)

Client: National Department of Transport

Participation on the Advisory Panel to establish a bus service in the North West Province Project Value: R 45 000

Role: Project Manager

Responsibilities:

BO108: Knysna Taxi Facilities, Western Cape Province, South Africa (2003-Current)

Client: Knysna Municipality

Improvement of the taxi facilities in Knysna Project Value: R 50 000

Role: Project Manager

Responsibilities:

Further project information on request.

Professional History

2012 – to date	SMEC South Africa, Cape Town	Function Manager, Roads & Highways Regional Manager
2009 - 2012	Vela VKE/SMEC, Cape Town	Technical Director, Regional head
2005 - 2009	Vela VKE Consulting Engineers, Cape Town	Technical Director, Transportation
2001 – 2005	VKE Engineers, George	Office Manager
1997 – 2001	VKE Engineers, Kimberley	Office Manager
1996 – 1997	VKE Engineers, Kimberley	Associate
1995 – 1996	VKE Engineers, Bloemfontein	Engineer

Courses & Conferences attended

October 2015 :	SAIREC 2015 Conference
30 July 2015 :	The Cape Town Freeway Management System
21 May 2015 :	Private Public Partnerships (PPP)
February 2014 :	Public Private Partnerships
September 2013:	How to Build your Brand Successfully
August 2013 :	Logistics and Supply Chain Management Trends
February 2012 :	Marketing your Practise
February 2012 :	Geosynthetics in Civil Engineering
March 2012 :	The Brics Summit



Universiteit van Pretoria

Die Raad en die Senaat verklaar hiermee dat die graad

Baccalaureus in Ingenieurswese (Siviele Ingenieurswese)

met al die regte en voorregte daaraan verbonde by geleentheid van
'n kongregasie van die Universiteit toegeken is aan

HERMANUS JACOBUS ENGELBRECHT

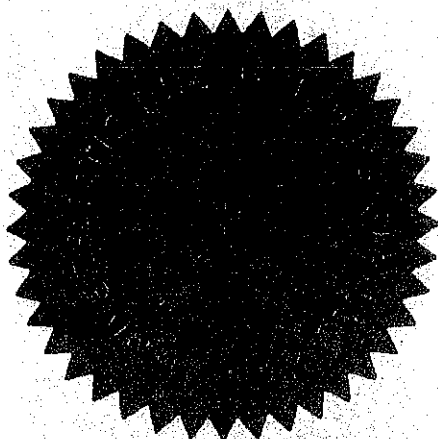
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Namens die Raad en die Senaat

Visekanselier en Rektor

Namens die Fakulteit
Ingenieurswese

Dekaan



Registrateur

1996-03-27



Universiteit van Pretoria

Die Raad en die Senaat verklaar hiermee dat die graad

Baccalaureus Honores in Ingenieurswese (Vervoeringenieurswese)

met al die regte en voorregte daaraan verbonde by geleentheid van
in kongregasie van die Universiteit toegeken is aan

HERMANUS JACOBUS ENGELBRECHT

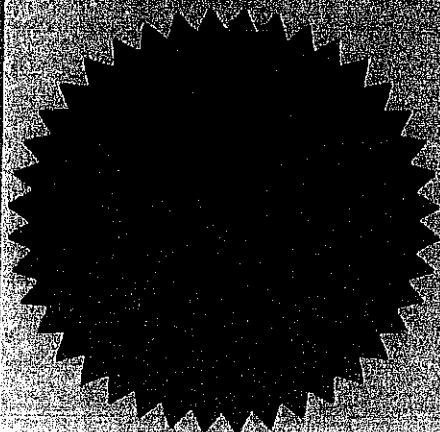
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Namens die Raad en die Senaat

Visekanselier en Rektor

Namens die Fakulteit
Ingenieurswese

Dekaan



Registrar

1999-04-15



Personal Info:

- Date of Birth: 30 Sep 1981
- Country of Birth: South Africa
- Nationality: South African
- Year joined the Firm: 2015

Years of Industry Experience

- 10 Years

Qualifications and Memberships

- BTech (Electrical), Cape Peninsula University of Technology, 2007
- National Diploma (Electrical), Peninsula Technikon, 2004
- Professional Engineering Technologist: Engineering Council of South Africa (201270364) (08/11/2012)
- Member: South African Institute of Electrical Engineers (11786) (06/06/2008)
- Member: The Institute of Professional Engineering Technologists (3065 G)

Key Skills and Competencies

- Electrical Building Services
- Electronic Building Services
- Electrical Infrastructure (Medium and Low Voltage)
- Street Lighting

Professional Overview

David is an Engineering Technologist with 10 years' experience in the field of electrical engineering in South Africa. His experience includes the design of power and lighting installations, telephone, data and television networks, fire detection systems, MV and LV infrastructure and street lighting installations.

Project Experience

Cape Town International Airport: New Domestic, International Terminal Buildings Cape Town, Western Cape, Republic of South Africa 2006- 2011

Description: Upgrading, refurbishment and replacement of domestic terminal complex at Cape Town International Airport.

Value: ZAR 155,000,000.00 (Electrical only)

Responsibilities: Responsible for liaison with client and team, detail design, construction management, attendance of site meetings, site supervision, commissioning and as-built drawings.

Upgrading of Electrical Machines Laboratory Stellenbosch, Western Cape, Republic of South Africa 2012

Description: Electrical and electronic services for new laboratory at Stellenbosch University

Value: ZAR 550,000.00 (Electrical only)

Responsibilities : Responsible for liaison with client, team and local authority, detail design, project and construction management, attendance, site supervision, commissioning and as-built drawings

Cape Town International Airport: VIP Terminal Building Cape Town, Western Cape, Republic of South Africa 2006- 2011

Description: Upgrading, refurbishment and replacement of domestic terminal complex at Cape Town International Airport.

Value: ZAR 5,000,000.00 (Electrical only)

Responsibilities: Responsible for liaison with client and team, detail design, construction management, attendance of site meetings, site supervision, commissioning and as-built drawings.

Nacala Maintenance Facilities for Rolling Stock Nacala-A-Velha Port, Mozambique 2013- Present

Description: Provision of maintenance facilities for locomotive fleet and wagons

Responsibilities: Responsible for liaison with client and design team, detail design and project documentation.

Value: ZAR 22,000,000.00 (Electrical only)

Westgate Mall Housing: Engineering Services for Harmony Village (850 Affordable House), Mitchells Plain – Electrical Reticulation Installation Mitchells Plain, Cape Town, Western Cape, Republic of South Africa 2013- Current

Description: Bulk electrical services for Harmony Village Housing Development

Responsibilities: Responsible for liaison with client, team and local authority, detail design, project and construction management, attendance, site supervision, commissioning and as-built drawings.
Value: ZAR 8,000,000.00 (Electrical only)

Mountain View Villas Housing Project – Electrical Reticulation Installation Maitland, Cape Town, Western Cape, Republic of South Africa 2013 - 2014

Description: Bulk electrical services for Mountain View Villas Housing Development
Value: ZAR 3,000,000.00 (Electrical only)

Responsibilities: Responsible for liaison with client, team and local authority, detail design, project and construction management, attendance, site supervision, commissioning and as-built drawings.

O/H to U/G Electrical Network Upgrade Cape Town and Helderberg, Western Cape, Republic of South Africa 2011- 2012

Description: Replacing overhead electrical services with new underground electrical services
Value: ZAR 10,900,000.00 (Electrical only)

Responsibilities: Responsible for liaison with client and team, detail design, construction management, attendance of site meetings, site supervision, commissioning and as-built drawings.

Professional History

2015 – Current Senior Technologist (Power & Energy), SMEC South Africa
2014 Senior Professional Technologist, WorleyParsons RSA (Pty) Ltd
2013 Professional Technologist, WorleyParsons RSA (Pty) Ltd
2011 – 2012 Technologist, WorleyParsons RSA (Pty) Ltd
2008 – 2011 Technologist, Kwezi V3 Engineers (Pty) Ltd
2004 – 2007 Technician, Kwezi V3 Engineers (Pty) Ltd
2004 – 2004 Technician -in- Training, Department of Transport and Public Works

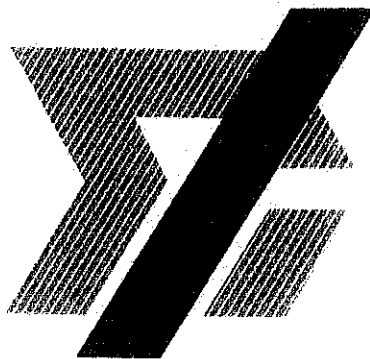
Courses & Conferences attended

2015 Business Finances for Built-Environment Professionals
2014 The Neuroscience of Leadership
2013 Contract Comparisons
2012 Solar Photovoltaic System Design
2012 Green Star SA Accredited Professional Course
2010 Airside Induction - Refresher Course: Airports Company South Africa – ACSA Training Academy
2008 Earthing Seminar: Magnet Electrical Supplies
2008 Contract Price Adjustment: Steel and Engineering Industries Federation of South Africa
2007 Technical Report Writing: South African Institution of Civil Engineers
2006 Relux Computer Course: Illumination Engineering Society of South Africa
2006 Introductory Lighting: Illumination Engineering Society of South Africa
2006 Professional Registration: Institute of Professional Engineering Technologists
2005 Caddie 10 Migration: Advanced Computer Solutions

Language Skills

Mother Tongue:	English		
Languages	Speak	Read	Write
English	Excellent	Excellent	Excellent
Afrikaans	Good	Good	Good

Engineering Council of South Africa



This is to
certify
that

David Anthony Dowling

is registered as

Professional Engineering Technologist

in terms of the Engineering Profession Act, 2000
(Act No. 46 of 2000)

Date

8 November 2012

Registration
Number

201270364

President

Chief Executive Officer





PENINSULA TECHNIKON

NATIONAL DIPLOMA

ELECTRICAL ENGINEERING

is awarded to

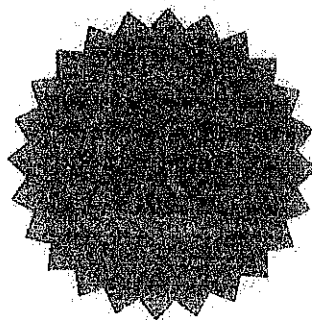
DOWLING, DAVID ANTHONY

ID

8109305124084

with effect from

01 DECEMBER 2004



Dean

Vice-Chancellor

No 28666

Issued with approval of the Council for Peninsula Technikon.



Personal Info:

- Date of Birth: 28/03/1950
- Country of Birth: South Africa
- Nationality: South African
- Year joined the Firm: 2009

Years of Industry Experience

- 43 years

Qualifications and Memberships

- T3 Diploma Building and Survey Technikon
- Registered Pr Technologist ECSA #70383
- Member American Concrete Institute
- Member of the South African Concrete Society. # B109 Two chairman's awards, one in Cape Town and one in Johannesburg for warehousing and super flat concrete flooring
- American Concrete Institute certification for concrete floors, concrete repair, warehouse construction and tilt-up construction
- TCL project management levels 1-3

Key Skills and Competencies

- Civil Engineering – civil services
- Superflat Concrete Flooring
- Concrete Repair
- Building
- Warehousing and project management
- Construction Contract Management and Administration
- Construction Supervision

Countries of Experience

South Africa, Namibia, Kenya, Egypt, Kuwait, Hong Kong, Oman, Bahrain, Qatar, South Korea and the United

Professional Overview

Christopher Ball joined SMEC, formally VelaVKE in 2009. He has been involved in the construction industry for 43 years, both in the consulting and on the contractor's side of the industry. He has extensive experience in general site supervision in all sectors, civil, structural and building. On many of the projects he was involved in the design in the drawing office before moving to site. He is currently Resident Engineer on the Provincial road rehabilitation from Blackheath to Stellenbosch. This project includes stormwater, sewerage, water reticulation and roads. Mr Ball spent thirteen years as a managing member of Tokai Builders, responsible for many luxury homes and other projects in the Peninsula. Between 1998 and 2007, he specialised in superflat concrete flooring, fibre reinforced floors, concrete admixtures, various epoxy coatings, concrete repairs, tilt-up warehouse construction, warehouse construction and waterproofing. This included various warehouse projects for NMC Construction in Cape Town and Johannesburg, CTM tile market, Clicks, Simba chips to name a few, in Dubai he was involved in the new Emirates hangars, where he consulted on the flooring, concrete and the coating of the flooring. These floors were designed to take the frequency load of the new A380 Airbus

Project Experience

C1554 CoCT term tender: Rehabilitation of Spine Road between Mew Way and Swartklip Roads. (June 2016 – current)

Client: City of Cape Town

Description: Rehabilitation and widening of Spine Road, including stormwater and lighting. Project Value R28m

Role: Resident Engineer

Responsibilities: General Supervision, materials testing and control administration.

C1554 CoCT term tender: Rehabilitation of Somerset West Main Road. (April 2016 – June 2016)

Client: City of Cape Town

Description: Mill and fill with AE 2 asphalt double carriageway of the main road through Somerset West business hub. Project Value R8m

Role: Resident Engineer

Responsibilities: General site supervision

C1474: New potable water supply and filtration plant for the SA Navy, Klawer valley. (August 2015 – May 2016)

Client: Department of Public Works

Description: Replacement of filtration plant and existing water supply to the SANAD and SIGNALS in Klawer Valley. Project Value R12m

Role: Resident Engineer

Responsibilities: General site supervision, material testing and control administration.

C1475: New Class 1 IAAF Athletics track at Daljosaphat, Paarl, Western Cape. (August 2015 – February 2016)

Client: Groot Drakenstein Municipality

Description: Removal of old tartan track and asphalt and replace with new

asphalt and track to IAAF Class 1 specifications. Project Value R18m.

Role: Resident Engineer

Responsibilities: General site supervision, materials testing, level controls and control administration.

BCN 22: Contract N006-080-2005/1 Rehabilitation of National Route 6 between Onze Rust (Section 8, km 37,4) and Bloemfontein (Section 9, km 2,49) (March 2015 – July 2015)

Client: SANRAL

Description: Rehabilitation of National Road and construction of the new Kaalspruit Bridge. Project Value R120m

Role: Resident Engineer

Responsibilities: General site supervision, materials testing and control administration.

C1093: Rehabilitation of Main Road 177, Western Cape, South Africa (2013-2015)

Client: WESTERN CAPE GOVERNMENT

Description: Rehabilitation of 10.5km of Dual and Single Carriageway.

Project Value: R 124m

Role: Resident Engineer

Responsibilities: General site supervision, materials testing and control administration.

C1392: Construction of Brackenfell Boulevard from De Bron Road to Belami Drive, Western Cape, South Africa (2012-2014)

Client: CAPE TOWN CITY COUNCIL

Description: The project comprised of the extension of the existing Brackenfell Boulevard (class 3 single carriageway) from De Bron Road to Belami Drive, and the upgrading of the intersection at Belami Drive. The works included new streetlighting, new water mains and the relocation of existing sewer pipelines. Project Value: R 12m.

Role: Resident Engineer

Responsibilities: General site supervision, materials testing and control administration.

C1238: N2 Gateway - Boys Town, Western Cape Province, South Africa (2010-2014)

Client: WESTERN CAPE GOVERNMENT

Description: This project involves the development of approximately 2000 houses as a design and construct project within a fractious urban community. An essential element of the project involves dealing with various local committees to ensure that the project meets the community needs. Project value R180m

Role: Resident Engineer

Responsibilities: General site supervision, materials testing and control administration.

C1277: Supervision of the rehabilitation of surfacing and bridge expansion joints on M6 Western Boulevard for the City of Cape Town, Western Cape Province, South Africa (2010-2012)

Client: CITY OF CAPE TOWN

Description: Milling and resurfacing of the M6 elevated freeway towards the Cape Town stadium. Replacement of existing joints with the BEJ joint system. Project Value: R 9m.

Role: Resident Engineer

Responsibilities: General site supervision, materials testing and control administration.

C1005: Street Lighting on N1 between Koeberg Interchange and Old Oak Interchange, Western Cape Province, South Africa (2010-2011)

Client: WESTERN CAPE GOVERNMENT

Description: Design & Tender Documentation of Street Lighting to WCPA Standards. Project Value: R 120m.

Role: Resident Engineer

Responsibilities: General site supervision, electrical testing, material testing and control administration.

C1136: Bhunga Avenue Non Motorised Transport, Western Cape Province, South Africa (2009-2010)

Client: CAPE TOWN CITY COUNCIL

Bhunga Avenue Pedestrian Link over the N2 Including Pedestrian & Bicycle Non Motorised Transport Facilities & Bridge . Project Value: R 21m.

Role: Resident Engineer

Responsibilities: General site supervision, materials testing and control administration.

C1117: 2010 Road Signage Upgrade, Western Cape Province, South Africa (2008-2010)

Client: CAPE TOWN CITY COUNCIL

Upgrading of City's Navigational Signage Network on all Mobility Routes. Project Value: R 3.3m

Role: Resident Engineer

Responsibilities: Genral site supervision, way leaves and control administration

Fosroc International, Emirates Airline 8# new engineering hangars Dubai. (2003-2006)

Client: Emirates Airlines

Description: Construction of eight new maintenance hangers at Dubai International Airport, including design and construction. Along with design and construction of the aprons. Project Value: \$ 800m

Role: Resident Consultant

Responsibilities: Design and and supervision of the concrete structural elements of the hangers which now accommodates the A380 Airbus. This included the super flat floors and epoxy coatings.

Fosroc International, New Pokoi Hospital Northern Territories, Hong Kong. Flooring, admixtures and epoxies (2006)

Client: Jockey Club of Hong Kong

Description: Construction of the new hospital in the Pokoi area of Hong Kong. Project Value: \$ 150m

Role: Resident Consultant

Responsibility: Design and supervision of epoxy coated superflat concrete floors.

Fosroc International, 40 000m² Steel Fibre superflat warehouse floor, 1st in Dubai (2003)

Client: Samim Group

Description: Construction of a new warehouse and the laying of epoxy coated super flat floors to accomadate 18m high racking. Project Value: \$ 54m

Role: Resident Consultant

Responsibility: Design and supervision of the contract.

Group Five, Shoprite Checkers warehouse Johannesburg, Superflat flooring and all concrete structures. (2001-2002)

Client: Checkers South Africa

Description: Construction of distribution/general storage and cold storage warehouses in Midrand Johannesburg with civil services. Project Value: R 155m

Role: Concrete Manager

Responsibility: Supervision, materials testing and control administration.

NMC Construction, Clicks warehouse Johannesburg, Tilt-up Construction and superflat floors. (2001)

Client: Clicks South Africa

Description: Construction of new distribution/storage warehouse in Midrand Johannesburg, with Civil services. Project Value: R 175m

Role: Flooring Manager

Responsibility: Supervision and materials testing of the super flat flooring.

Professional History

2013 – Current: SMEC Resident Engineer, Cape Town, South Africa
2009 – 2013: VelaVKE (part of the SMEC Group) – Cape Town, South Africa
2007 – 2009: Nukote International, Polyurea and epoxies. Technical Manager Africa
2003 – 2007: Fosroc International, Dubai, Technical/Consulting Manager Middle East.
2002 – 2003: Unitech Construction Chemicals, Dubai, General Manager
2001 – 2002: Group Five, Shoprite Checkers Distribution Centre, Johannesburg, Concrete Consultant
1996 – 2001: NMC Construction, various projects, Project Manager, Cape Town.
1982 – 1996: Tokai Builders, Managing Member. Cape Town.
1976 – 1982: Lillicrap Wassenar and Partners Consulting Engineer, various projects, Technician, Cape Town
1975 – 1976: City of Cape Town, Civil services, Technician, Mitchell's Plain Cape Town
1973 – 1975: Various part-time contracts overseas, UK and Europe.
1969 – 1975: Ninham Shand Consulting Engineers, Technician Cape Town.

Courses & Conferences attended

2007: TCL Project Management course levels 1 to 3. Dubai Conference centre.
2005: Dubai, Construction Chemicals Concrete Society conference.
2004: Add mixtures to concrete AlGurg Fosroc Hong Kong
2002: Tilt up construction as above.
1998: Repairs to Concrete, American Concrete Institute at the World of Concrete Las Vegas (ACI Certification) Superflat floors as above
1993 – 1998: Various courses Concrete Society Cape Town and Johannesburg

Publications & Papers presented

2004: Concrete society Middle East – presented same two papers as above.
1999: Concrete Society annual conference Cape Town – Presented papers on super flat floors and Tilt up construction.

OTHER

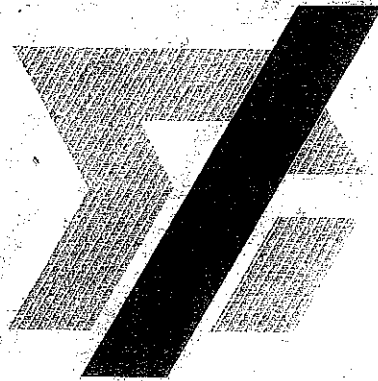
2000: Concrete Society Gauteng – Chairman's award
1999: Concrete Society Cape Town – Chairman's award
1998: National safety Award category O – R15m Presentation Port Elizabeth

Language Skills

Mother Tongue:

Languages	Speak	Read	Write
English	Good	Good	Good
Afrikaans	Good	Good	Fair
Xhosa	Weak		
Dutch	Good		
Arabic	Weak		

Engineering Council of South Africa



This is to
certify
that

Christopher John Ball

is registered as

Professional Engineering Technologist

in terms of the Engineering Profession Act, 2000
(Act No. 46 of 2000)

Date

28 November 2013

Registration
Number

201370383

A handwritten signature in black ink, appearing to be a stylized 'C' followed by a horizontal line.

President

A handwritten signature in black ink, appearing to be a stylized 'V' followed by a horizontal line.

Chief Executive Officer





safe working practice
OCCUPATIONAL HEALTH AND SAFETY GROUP

CURRICULUM VITAE

Mark Winter, CMIOSH, ROSProf

TELEPHONE: 021 712 1643
CELL PHONE: 071 603 2213
e-MAIL: mwinter@safepractice.co.za

PROFESSIONAL: Registered with SACPCMP: Can CHSA/016/2015
MEMBERSHIPS
(CURRENT) Institute of Safety Management (IOSM), ROSPROF (SA) – Reg no: 0160
South African Institute of Occupational Safety and Health (SAIOSH)
Association on Construction Health & Safety Management (ACHASM)
Chartered Safety and Health Practitioner - Institute of Occupational Safety and Health (CMIOSH), United Kingdom
Registered Safety Practitioner (RSP), United Kingdom

QUALIFICATIONS

NEBOSH National Certificate in Construction Safety and Health, NEBOSH, UK, 1998
BTech Degree in Environmental Health, Technikon Natal, South Africa, 1996
National Higher Diploma in Environmental Health, Technikon Natal, South Africa, 1994
National Diploma in Public Health, Technikon Natal, South Africa, 1991

HEALTH AND SAFETY COURSES

TRAINING PROVIDER

YEAR

HASPRAC	Riskom, South Africa	2012
Legal Liability	Riskom, South Africa	2010
Environmental Workshop	SAFCEC, South Africa	2010
NOSA Safety Seminar	NOSA, South Africa	2009
Incident Investigation	ORMS, South Africa	2007
Seminar on Health and Safety	ORMS, South Africa	2007
OHSAS and BS8800 Seminar	IOSH, UK	2003
CAT and Genny Cable Locators	Electro-Services Ltd, UK	2001
Site Safety Awareness	Safety Solutions, Ireland	2001
Railtrack Personal Track Safety (PTS)	Bridgen Enterprises, UK	2001
Construction, Design and Management for Planning Supervisors/Designers	CITB, Bircham Newton, UK	1999
Asbestos Removal Operators Course	Fairways Safety Services Ltd, UK	1997
Mounting of Abrasive Wheels	Medway Construction Safety Services, UK	1997
Asbestos Removal Supervisor/Contractor		

Controller Course	Fairways Safety Services Ltd, UK	1996
Scaffolding Safety Inspection	CITB, Erith Training Centre, UK	1996
Safety Programme Auditing	International Risk Control Africa (IRCA), SA	1996
Intensive Fire Safety (cum laude)	Fire Prevention Association of South Africa	1995
Internal Safety Auditors Course	NOSA, South Africa	1995
Modern Safety Management	International Risk Control Africa (IRCA), SA	1994
Written Safety Working Procedures	NOSA, South Africa	1994
SAMTRAC	NOSA, South Africa	1992
Certificate in Audiometry	Technikon Natal, South Africa	1991

EMPLOYMENT HISTORY

February 2014 – Present

SAFETY PROFESSIONAL

Safe Working Practice Cape Town (Pty) Ltd

Director of SWP Cape Town and practising Safety Professional.

February 2008 – January 2014

OPERATIONS MANAGER & HEALTH AND SAFETY CONSULTANT

Safe Working Practice, Cape Town, South Africa

Operations Manager of the company, responsible for our consultants servicing the health and safety requirements of client base on site. As a safety professional, responsible for developing and maintaining client base, developing documentation and safety management systems, strategies and giving safety advice to clients in a diversity of fields.

November 2004 – January 2008

CONSTRUCTION HEALTH AND SAFETY CONSULTANT

Occupational Risk Management Services (Pty) Ltd (ORMS), Paarl, South Africa

Based in Paarl, this health and safety consultancy specialised in construction safety, health and safety training and cellar health and safety. As head of the Construction Safety Division of the company I was responsible for developing a client base, developing documentation, strategies and giving safety advice to clients in the construction field.

April 1999 – August 2004

GROUP SAFETY MANAGER

The Carey Group, Wembley, London, UK

Group Safety Manager for the Carey Group, a national Civil Engineering Contractor and Construction, Demolition and Plant Hire Group with an annual turnover in excess of one hundred million pounds. Offices located in London, Buckinghamshire, Ireland and Scotland. As Head of the Safety Department, responsible for four full time Safety Officers, an Administrative Assistant and use of external safety consultancies for plant training and visiting sites. Operational sites usually numbered about 40 at any one time. Staff strength: approximately 500 plus sub-contractors.

September 1998 – April 1999

SENIOR SAFETY CONSULTANT

Richardson Hill Ltd, Chingford, London, UK

Employed as a Senior Safety Consultant in the Construction, Design and Management Department. Principal functions included conducting site safety evaluations, presenting safety training courses, preparation of safety plans, safety files, and other procedures in accordance with Planning Supervision.

October 1996 – September 1998

SAFETY CONSULTANT

The Health and Safety People, Sandy, Bedfordshire, UK

Employed as a health and safety consultant primarily for construction / demolition client base throughout the UK. Other clients included warehouses and offices.

January 1989 - July 1996

OCCUPATIONAL RISK OFFICER

Spoornet, Durban and Pietermaritzburg, South Africa

Employed first as a trainee, then fully qualified Safety Officer for South Africa's largest transport organisation. I was responsible for the implementation and monitoring of the company's NOSA safety management system in 13 different departments, including housing, horticulture and mechanical and electrical workshops.

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE 10: SUPPORT RESOURCES

The tenderer is referred to clause F.2.1.1.4 of the Tender Data and shall state below what hardware and software packages are available for use on this project and whether or not they are currently owned/licensed by the tenderer, or are available through other means. The tenderer may also attach the above-mentioned resource schedules to **Schedule 15, Part T2.2: Returnable Schedules**.

HARDWARE AND SOFTWARE PACKAGE/S AVAILABLE FOR USE		
NAME OF PACKAGE	DESCRIPTION	CURRENTLY OWNED/ LICENCED OR OTHER
	(PLEASE FIND ATTACHED)	

SIGNED ON BEHALF OF TENDERER.....



SMEC SOUTH AFRICA RESOURCE CAPACITY 2016

Hardware	QTY
Computer Workstations	828
Printers Inkjet and Laser (A3, A4, Small format)	95
HP Plotters (A0, A1, A2, Large format)	16
Polycom Dedicated Video Conferencing Facilities	5
HP Proliant Virtual Machine host Servers	15
EMC fault tolerant SAN storage	5
All server equipment protected by UPSs	Yes

Software	QTY
Windows Server 2012	25
Windows Server 2008	52
Windows Server 2003	22
Windows 10	5
Windows 7	732
Windows 8	12
Windows XP	55
Adobe Acrobat 9 Pro	7
Adobe Acrobat X Pro	13
Adobe Acrobat XI Pro	11
Adobe Photoshop CS4	3
ArcGIS Desktop 10	34
AutoCAD 2013 - English	10
AutoCAD 2014 - English	132
AutoCAD 2015 - English	78
AutoCAD 2016	125
AutoCAD 2016 - English	102
AutoCAD MEP 2014 - English	6
AutoCAD MEP 2015 - English	6
AutoCAD Structural Detailing 2015 - English	20
AutoCAD Utility Design 2014 - English	20
AutoCAD Utility Design 2016 Core	6
Autodesk 3ds Max 2016	6
Autodesk 3ds Max Design 2014	7
Autodesk AutoCAD Civil 3D 2014	27
Autodesk AutoCAD Civil 3D 2014 - English	25
Autodesk AutoCAD Civil 3D 2015 - English UK	22
Autodesk AutoCAD Civil 3D 2016	50
Autodesk AutoCAD Civil 3D 2016 - English	50
Autodesk AutoCAD Map 3D 2014	22
Autodesk AutoCAD Map 3D 2015	10
Autodesk AutoCAD Map 3D 2016	51
Autodesk AutoCAD Map 3D 2016 - English	9
Autodesk Inventor 2015	1
Autodesk Inventor 2016	2
Autodesk Robot Structural Analysis Professional 2014	7
Autodesk Robot Structural Analysis Professional 2016	3
Caddie 19 (x64)	8
Caddie 20 (x64)	17
Caddie 21 (x64)	8
Civilsoft Bill	69
CorelDRAW Graphics Suite X5	2
CorelDRAW Graphics Suite X6 (x64)	1
CorelDRAW Graphics Suite X7 - Draw (x64)	1
GeoHECRAS	4
LUSAS Finite Element System Version 15.1	8
Microsoft Exchange Server 2013	6
Microsoft Lync 2013	516
Microsoft Lync Server	2
Microsoft Office Professional Hybrid 2007	15
Microsoft Office Professional Plus 2013	52
Microsoft Office Professional Plus 2010	15
Microsoft Office Project Professional 2010	3
Microsoft Office Project Standard 2003	7
Microsoft Office Project Standard 2007	29

Printers Breakdown		
Dbn	Printers Inkjet and Laser (A3, A4, Small format)	16
	Plotters (A0, A1, A2, Large format)	1
Bfn	Printers Inkjet and Laser (A3, A4, Small format)	18
	Plotters (A0, A1, A2, Large format)	4
Jhb	Printers Inkjet and Laser (A3, A4, Small format)	21
	Plotters (A0, A1, A2, Large format)	5
Ctn	Printers Inkjet and Laser (A3, A4, Small format)	10
	Plotters (A0, A1, A2, Large format)	3
EC	Printers Inkjet and Laser (A3, A4, Small format)	8
	Plotters (A0, A1, A2, Large format)	2
Pta	Printers Inkjet and Laser (A3, A4, Small format)	22
	Plotters (A0, A1, A2, Large format)	4
Totals		
Printers Inkjet and Laser (A3, A4, Small format)		95
Plotters (A0, A1, A2, Large format)		16

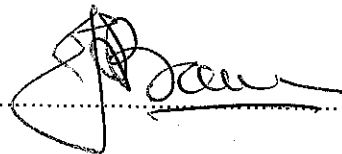


Microsoft Office Project Standard 2010	38
Microsoft Office Standard 2010	21
Microsoft Office Standard 2013	295
Microsoft Office Visio 2010	4
Microsoft Office Visio MUI (English) 2010	6
Microsoft Office Visio Professional 2003	4
Microsoft Visio MUI (English) 2013	38
Microsoft Visio Professional 2013	12
Microsoft Visio Standard 2013	27
PipeMate3D-2016x64NLM	8
Project River Analysis 2012 Extension for AutoCAD Civil 3D	
& Map 3D	4
Prokon DWG Engine (x64) 2013	7
Prokon DWG Engine 2013	9
RebarMate2016x64NLM	3
Revit 2013	2
Revit 2014	19
Revit 2015	5
Revit 2016	17
Revit Structure 2013	1
Revit Structure 2014	8
Revit Structure 2015	8
Revit Structure 2016	4
RoadMate2016x64NLM	8
SIDRA INTERSECTION 6.0	31
SIDRA INTERSECTION 6.1	23
SurfMate2016x64NLM	8
Symantec Endpoint Protection	561
Symantec Backup Exec 2014 Server	6
Bentley Map (Pre-V8i SS2)	1
CivilStorm for AutoCAD	1
WaterGEMS 1000 Pipes	1
WaterGEMS 2000 Pipes	1
WaterCAD Standalone 500 Pipes	1
Bentley PowerCivil	2
Bentley GEOPAK	1
Bentley Descartes	2
MX Road	3
MicroStation	27
Bentley GEOPAK	6
Bentley Rebar	10
PondPack	1
ProjectWise Caching Server	4
Bentley InRail Suite	1
D* Structural Modeler	1
WaterCAD Standalone 100 Pipes	1
Bentley Geospatial Server	1
RM Bridge	1
Bentley SewerGEMC	1
RM Bridge	3
RM Bridge Advanced	2
RM Bridge Advanced Cable	2
Bentley PowerCivil	8
MicroStation PowerDraft	13
Bentley Connections Passport	20
Bentley GEOPAK Civil Eng. Suite	3
Bentley Rebar	3
WaterCAD Standalone 100 Pipes	1

e) CLERK OF WORKS				
NAME	JOB TITLE	QUALIFICATIONS	PROFESSIONAL REGISTRATION NO.	NO. OF YEARS SPECIFIED EXPERIENCE
Chris Ball	Professional Technologist.	T3 Pr. Tech	70383	43

f) HEALTH AND SAFETY OFFICER or HEALTH AND SAFETY SPECIALIST				
NAME	JOB TITLE	QUALIFICATIONS	PROFESSIONAL REGISTRATION NO.	NO. OF YEARS SPECIFIED EXPERIENCE
Mark Winter	Health & Safety Consultant	SACPCMP OHSA ; SAIOSH IOSM; ACHBM	CHSA/016/2015	27

SIGNED ON BEHALF OF TENDERER:



CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

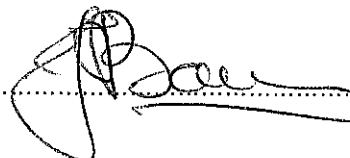
PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE 11: PROFESSIONAL INDEMNITY INSURANCE

The tenderer is referred to clause F.2.1.1.5 of the Tender Data and shall state below details of the professional indemnity insurance held by the tenderer. Where the tenderer is a joint venture, each party to the joint venture must submit details of their professional indemnity insurance. Proof of insurance or confirmation from a reputable Insurance Broker that the tenderer is eligible for the prescribed professional indemnity insurance cover should he/she be awarded the contract, must be appended to this schedule.

PROFESSIONAL INDEMNITY INSURANCE		
NAME OF INSURED	NAME OF INSURER	LIMIT OF INDEMNITY IRO EACH CLAIM
(PLEASE FIND ATTACHED)		

SIGNED ON BEHALF OF TENDERER:





ENGINEERING CONSULTANTS UNDERWRITERS LTD.

Certificate of Currency

We hereby certify that the undermentioned Insurance Policy has been issued with effect from 4:00 p.m. EST on **June 30, 2016**.

Class of Insurance: Professional Indemnity

Insured: SMEC Holdings Limited, SMEC Australia Pty Ltd, SMEC International Pty. Ltd. and their subsidiaries as noted in Appendix A and Joint Ventures.

Period of Insurance: June 30th 2016 at 4:00 p.m. EST to June 30th 2017 at 4:00 p.m. EST

Form: Claims Made

Policy No.: ECUL-PI-002-2016

Per Claim Limit: AUD 10,000,000

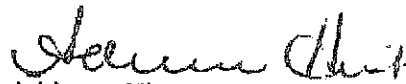
Annual Aggregate Limit: AUD 10,000,000

Wording: Insurer will pay the Losses of the Insured that arises from any Claim first made against the Insured and which is notified to the Insurer during the Policy Period for any civil liability arising out of the conduct of the professional business.

Jurisdiction: Worldwide excluding U.S.A. and Canada

Territory: Worldwide excluding U.S.A. and Canada

Reinsured By: Liberty International Underwriters


Adrienne Hintz
Authorized Representative
Engineering Consultants Underwriters Ltd. (Bermuda)

Butterfield Bank Building, 6th Floor, 65 Front Street, Hamilton HM 12, Bermuda
Tel: (441) 295-2144; Fax: (441) 292-8062
Postal Address: P.O. Box HM 2087, Hamilton HM HX, Bermuda



Appendix A – PI

Subsidiaries and Controlled Entities of SMEC Holdings Limited – 30 June 2016

ACE Consultants Ltd, <i>Bangladesh</i>	SMEC International (Malaysia) Sdn Bhd
Brisbane City Enterprises Pty Ltd, <i>Australia</i>	SMEC International Pty Ltd, <i>Australia</i>
ECCL Singapore Pte Ltd	(ABN 32 065 440 619)
Energy Holdings Ltd, <i>Mauritius</i>	SMEC International (SAME) Pty Ltd, <i>Australia</i>
Engeang – Consiltores De Engenharia e Gestao de Angola, <i>Angola</i>	SMEC Kenya Limited
Engineering General Consultants (EGC) Ltd, <i>Pakistan</i>	SMEC Macau Engineering Consultancy Ltd, <i>Macau</i>
Frontier Energy Limited, <i>Dubai</i>	SMEC (Malaysia) Sdn Bhd
Frontier Hydro Limited, <i>Dubai</i>	SMEC Mongolia LLC
GMC Global Africa (Pty) Ltd, <i>South Africa</i>	SMEC Myanmar Company Limited
Global Maintenance Consulting Chile Limitada	SMEC New Zealand Ltd
Global Maintenance Consulting Pty Ltd, <i>Australia</i>	SMEC Nigeria Limited
Global Maintenance Consulting Singapore Pte Ltd	SMEC Oil & Gas (Private) Ltd, <i>Pakistan</i>
Himalayan Green Energy Pvt Ltd, <i>India</i>	SMEC Pakistan Pvt Ltd
Leadrail Infra Solutions Private Limited, <i>India</i>	SMEC Philippines Inc
Labco Civil Engineering Materials Testing Services Pty Ltd, <i>South Africa</i>	SMEC PNG Ltd
Ocyana Consultants Pvt Ltd, <i>Sri Lanka</i>	SMEC SAME Pty Ltd, <i>Australia</i>
P.T. SMEC Denka Indonesia	SMEC Services Pty Ltd, <i>Australia</i>
SMEC Africa Pty Ltd, <i>Australia</i>	SMEC Servicios De Ingenieria De Mexico
SMEC Americas Pty Ltd, <i>Australia</i>	SMEC South Africa Pty Ltd
SMEC Asia Ltd, <i>Hong Kong</i>	SMEC (Tanzania) Limited
SMEC Asia Pacific Pty Ltd, <i>Australia</i>	SMEC Uganda Limited
SMEC AsiaPac Pty Ltd, <i>Australia</i>	SMEC Vietnam Joint Stock Company
SMEC Australia Pty Ltd (ABN 47 065 475 149)	Soilco Materials Investigations Pty Ltd, <i>South Africa</i>
SMEC Bangladesh Ltd	Soillab Mocambique Limitada, <i>Mozambique</i>
SMEC Central Asia LLP, <i>Kazakhstan</i>	Soillab (Pty) Ltd, <i>South Africa</i>
SMEC China Engineering & Management Consulting Co	Soillab Western Cape Pty Ltd, <i>South Africa</i>
SMEC Energy Sdn Bhd, <i>Malaysia</i>	South Asia Middle East Management Company LLC, <i>Oman</i>
SMEC Foundation Ltd, <i>Australia</i>	TT Energy Pvt Ltd, <i>India</i>
SMEC India Pvt Ltd	Vincpro (Pty) Ltd, <i>Namibia</i>
SMEC International (Africa) (Pty) Ltd, <i>Africa</i> [formerly VKE International Consulting Engineers Pty Ltd]	VKE Botswana Pty Ltd
SMEC International (Africa) Pty Ltd, <i>Australia</i>	VKE International Consulting Engineers Pty Ltd, <i>South Africa</i>
SMEC International (Africa) Ltd, <i>Mauritius</i>	VKE Namibia Consulting Engineers Pty Ltd
SMEC International (Americas) Pty Ltd, <i>Australia</i>	ZMCK Holdings Pty Ltd, <i>South Africa</i>
SMEC International (AsiaPac) Pty Ltd, <i>Australia</i>	

Authorized ECUL Representative:

Butterfield Bank Building, 6th Floor, 65 Front Street, Hamilton HM 12, Bermuda

Tel: (441) 295-2144; Fax: (441) 292-8062

Postal Address: P.O. Box HM 2087, Hamilton HM HX, Bermuda



ENGINEERING CONSULTANTS UNDERWRITERS LTD.

Certificate of Currency

We hereby certify that the undermentioned Insurance Policy has been issued with effect from 4:00 p.m. EST on June 30, 2016.

Class of Insurance: Public & Product Liability

Insured: SMEC Holdings Limited, SMEC Australia Pty Ltd, SMEC International Pty Ltd, and subsidiaries as noted in Appendix B, including their subsidiaries, controlled entities, related and associated entities and joint ventures (as defined under the Australian Companies Code) now or previously existing or hereafter constituted or acquired unless specifically excluded.

Scope of Cover: Indemnify the Insured in respect of legal liability to pay compensation in respect of personal injury and / or property damage first happening during the period of insurance and caused by an occurrence within the territorial limits in connection with the business.

Limit of Liability: AUD20,000,000 any one occurrence other than in respect of products liability where the limit of liability applies in the annual aggregate

Territorial Limits: Worldwide

Period of Insurance: June 30th 2016 at 4:00 p.m. EST to
June 30th 2017 at 4:00 p.m. EST (both dates inclusive)

Reinsured by: Liberty International Underwriters

Policy No.: ECUL-PPL-001-2016

Adrienne Hintz

Authorized Representative

Engineering Consultants Underwriters Ltd. (Bermuda)

Butterfield Bank Building, 6th Floor, 65 Front Street, Hamilton HM 12, Bermuda

Tel: (441) 295-2144; Fax: (441) 292-8062

Postal Address: P.O. Box HM 2087, Hamilton HM HX, Bermuda

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE 12: TRACK RECORD

The tenderer is referred to clause F.2.1.1.6 of the Tender Data and shall indicate on the schedule below that at least three low-cost residential projects have been successfully completed in their **local office**, in the past 10 years.

Where the entity tendering is a joint venture, the track record of each party to the joint venture must be submitted as part of this schedule (additional pages may be added if necessary). The tenderer may also attach the above-mentioned resource schedules to **Schedule 15, Part T2.2: Returnable Schedules**, (if there is insufficient space in the tables below) provided that it is submitted in the same format.

TRACK RECORD			
TITLE AND BRIEF DESCRIPTION OF PROJECT	VALUE OF CONTRACT	EMPLOYER (include contact details)	DATE COMPLETED (if applicable)
(Please find Attached)			

SIGNED ON BEHALF OF TENDERER:





**Housing Infrastructure - Track Record
Design and Construction**

TITLE AND BRIEF DESCRIPTION OF PROJECT	VALUE OF CONTRACT	DURATION	STAGE OF PROJECT COMPLETED	CLIENT	CONTACT REFERENCE AND PHONE NO
C1238-Boys Town Housing Development Construction of Infrastructure of 1,500 new houses	R 180 000 000	2010 to Present	In Progress	PGWC:Dep Human Settlements	Daniel Renecke 021 483 4463
C1238-Boys Town Triangle TRA Construction of Temporary roads and infrastructure of 471 Temporary Relocation Units	R 12 800 000	2010 to Present	In Progress	PGWC:Dep Human Settlements	Daniel Renecke 021 483 4463
C0937-Khayelitsha CBD Housing Project Roads & Services for 1,200 Houses in a gap Housing Development	R 25 000 000	2003 - 2011	Completed	CoCT/RMB/Power	M. Julie 021 907 1300
C1109-Symphony Way TRA Site works Design and Contract Admin of Earthworks and Hardstanding for an Emergency TRA area in Delft	R 6 000 000	Mar-2008 to Date	Current	CoCT	Denzil Faure 084 444 3684
C1018-Hazeldean Services Services for 800 houses	R 5 000 000	Jan-03 to Date	Current	Ushani Fund	021 689 8567
C5061-Philippi Park Internal Civil Services Detailed Design, Tender Documentation, Evaluation & Supervision of the Philippi Park Subsidized Housing Project Comprising 1060 Serviced Sites for the City of Cape Town	R 18 100 000	2003 - 2005	Completed	CoCT	Francois van Niekerk 021 400 5052
Municipal Services for Eldorado Park (New residential development in Oudtshoorn)	R 4 000 000		Completed	Private Developer	S Verlinde
C0936 Mountain Mill Shopping Centre Worcester	R 25 000 000	2003 -2006	Completed	Mountain Mill Shopping Centre Worcester	Pieter Dupont 0217120591
Khayelitsha CBD Link Road and Services The design, specification, contract documentation, tendering and construction supervision of the installation of roads, water and sewer services for commercial and residential development.	R 4 100 000	2003	Completed	City of Cape Town	Barrie Barnard 213601144
Philippi Park Services Design and construction of roads and services for a residential development of 1000 plots.	R 18 000 000	2005	Completed	City of Cape Town	F Van niekerk 021-4005052
C5068-Vusinsuntsha Housing Development Housing Development for 1000 houses	R 5 000 000	Jan-02 to Dec-03	Completed	PEP	Shawn Cuff 021 689 8567

RELEVANT EXPERIENCE / TRACK RECORD

- S.W.P

TITLE AND BRIEF DESCRIPTION	RELEVANCE	DATE COMPLETED	CLIENT	CONTACT REFERENCE AND PHONE NO.
Civils, construction and electrical infrastructure to housing estate, Bella Donna Estate, Blue Downs	Client agent	ongoing from 2010 to present	MSP Developments	Johannes Theron - 021 914 6703
Civils and top structure for new housing project, Kleinmond	Client agent	ongoing from 2010 to present	Arcus Gibb for Overstrand Municipality	Henk van Renssen - 021 4699105
Construction of internal services for new housing development, Lantian, Paarl	Client agent	ongoing from 2011 to present	Lyners Consulting Engineers for Drakenstein Municipality	Harlind Leng - 021 914 0300
Civils for new housing estate, Jubilee Park, Eerste River	Client agent	ongoing from 2011 to present	South African Dutch Development Company	Greg Spriggs - 079 395 3371
Mellon Housing Initiative, Mbekweni, Paarl	Client agent for construction of low cost housing	ongoing - from 2008 to present	Drakenstein Municipality through CSM Consultign Engineers - Keegan von Doring - 021 852 6363	Drakenstein Municipality through CSM Consultign Engineers - Keegan von Doring - 021 852 6363
Project 2, Mbekweni, Paarl	Client agent for construction of low cost housing	ongoing - from 2008 to present	Drakenstein Municipality through JTDI Consulting Engineers - James Lochner -	Drakenstein Municipality through JTDI Consulting Engineers - James Lochner -

Zwelethembe, Worcester	Client agent for construction of low cost housing	ongoing - from 2008 to present	Breede Valley Municipality through Element Consulting Engineers - Theunis van Zyl - 021 975 1718	Breede Valley Municipality through Element Consulting Engineers - Theunis van Zyl - 021 975 1718
Bardale, Cape Town	Client agent for construction of low cost housing	ongoing - from 2008 to present	City of Cape Town - Quintus Wellman of the Housing Department -	City of Cape Town - Quintus Wellman of the Housing Department -
Over 20 ASLA DEVCO sites over a period of 2 years including sites at Murraysburg, Beaufort West, Prince Alfreds Hamlet, Nduli, Macassar, Lwanda, etc	Client agent for construction of low cost housing	various durations from between 3 months to 12 months depending on the project - 2004 to 2007 and then 2009 to present	ASLA DEVCO and Various municipalities - Schalk Loots / De Waal Burger - 021 845 8335	ASLA DEVCO and Various municipalities - Schalk Loots / De Waal Burger - 021 845 8335
Precinct 1, 2, 3 and 5, Delft	Safety Advisor to Principal Contractor carrying out construction of GAP and low cost housing	ongoing	Sea Kay Property Developments - Deon Prinsloo - 021 852 7972	Sea Kay Property Developments - Deon Prinsloo - 021 852 7972
C Max Prison, Pretoria	Client Agent for refurbishment works	ongoing- from 2011 to present	Department of Public Works through Eckon Consulting Engineers	Eckon Consulting - Riaan Visser - 021 930 8293

4 Dorp Street, Cape Town	Client Agent for recladding project	ongoing- from 2010 to present	Provincial Government Western Cape through Jakupa Architects	Jakupa Architects - Alan Middleton - 021 462 1824
Provincial Hospital, Hermanus	Client Agent for refurbishment works	ongoing- from 2010 to present	Department of Public Works through Ribicon Consulting Engineers	Ribicon - Theuns Grobler - 021 914 5144
Caledon Magistrates Court	Client Agent for refurbishment works	ongoing- from 2010 to present	Department of Public Works through Archnet Architects	Archnet Architects - Leon Russouw - 021 913 6748
Improvon, Platteklouf, Cape Town	Client Agent for development of new industrial park	ongoing- from 2009 to present	Improvon	Improvon - Glenn Gragg - 021 551 7618
Worcester Provincial Hospital	Client Agent for refurbishment works	ongoing- from 2011 to present	Department of Public Works through Aurecon Consulting Engineers	Aurecon - Klaus Baumler - 021 8602200
Van Rhynsdorp Prison	Client Agent for construction of prison	ongoing- from 2008 to present	Department of Public Works through MLB Architects	MLB Architects - 021 462 0170
Ceres Prison	Client Agent for construction of prison	ongoing- from 2008 to present	Department of Public Works through Archnet Architects	Archnet Architects - Leon Russouw - 021 913 6748
Alan Walt Architects, Malmesbury	Client Agent for prison alterations	Complete 2010	construction of RPB	Alan Walt of Alan Walt Architects - 021 418 5945

Alan Walt Architects, George	Client Agent for prison alterations	Complete 2010	construction of RPB	Alan Walt of Alan Walt Architects - 021 418 5945
Alan Walt Architects, Worcester	Client Agent for prison alterations	Complete 2010	construction of RPB	Alan Walt of Alan Walt Architects - 021 418 5945
Alan Walt Architects, Allandale, Paarl	Client Agent for prison alterations	Complete 2010	construction of single storey parole board	Alan Walt of Alan Walt Architects - 021 418 5945
Archnet, FPB, Porterville	Client Agent for prison alterations	Complete 2010	Department of Public Works through Archnet Architects	Archnet Architects - Leon Russouw - 021 913 6748
Archnet, FPB, Pollsmoor	Client Agent for prison alterations	Complete 2010	Department of Public Works through Archnet Architects	Archnet Architects - Leon Russouw - 021 913 6748
Archnet, FPB, Helderstroom	Client Agent for prison alterations	Complete 2010	Department of Public Works through Archnet Architects	Archnet Architects - Leon Russouw - 021 913 6748
Archnet, FPB, Drakenstein	Client Agent for prison alterations	Complete 2010	Department of Public Works through Archnet Architects	Archnet Architects - Leon Russouw - 021 913 6748
Qunu, Goodwood Corr Services	Client Agent for prison alterations	Complete 2010	Department of Public Works through Qunu Consulting	Qunu Consulting - Riaan Visser - 021 930 8293
Qunu, Brandvlei Corr Services	Client Agent for construction of prison	ongoing- from 2008 to present	Department of Public Works through Qunu Consulting	Qunu Consulting - Riaan Visser - 021 930 8293

PGWC, Nooiensfontein Road	Client Agent for extension to sports school	Complete 2010	PGWC through Adler Price Architects	Adler Price Architects -
ASLA DEVCO, Citrusdal WWTW	Client Agent for new infrastructure works at sewage plant	ongoing- from 2009	ASLA DEVCO	ASLA DEVCO - De Waal Burger - 021 845 8335
Breede River Winelands, Civil Services, Bonnievale	Client Agent for roads and services	Complete 2009	Breede River Winelands	Maynard Johnson of Breede River Winelands Municipality
PGWC, Alexandra Hospital Phase 2	Client Agent for refurbishment works	Complete 2010	PGWC through Frame and Adams Architects	Trevor Adams of Frame and Adams Architects
KDV Architects, Eisenburg	Client Agent for new wing construction on existing building	Complete 2009	Department of Agriculture through KDV Architects	Karien de Villiers of KDV Architects - 021 872 0750
ASLA DEVCO, De Doorns	Client Agent for low cost housing	Complete 2011	ASLA DEVCO	ASLA DEVCO - De Waal Burger - 021 845 8335

ALLOCATION OF RESOURCES

HARDWARE RESOURCES

RESOURCE	FUNCTION
Computers and laptops	health and safety support function
Vehicles	health and safety support function

SOFTWARE RESOURCES

RESOURCE	FUNCTION
----------	----------

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

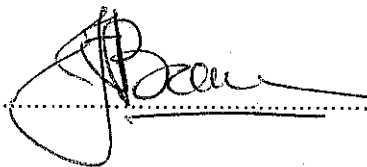
CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE 13: PROPOSED WORK PLAN

Tenderers are referred to clause F.2.1.1.7 of the Tender Data and shall append their proposed work plan (Approach and Methodology) to this Schedule.

SIGNED ON BEHALF OF TENDERER:

A handwritten signature in black ink, appearing to be 'S. B. B.', is written over a dotted line that extends from the 'SIGNED ON BEHALF OF TENDERER:' text.



Tender 101C/2016/17:
**Provision Of Professional Civil, Traffic,
Geotechnical And Electrical Engineering
Services To Plan, Design And Monitor
Integrated Human Settlement Developments
Within The City Of Cape Town**

PROPOSED WORKPLAN

[November 2016]

SMEC South Africa
65 Riebeeck Street
Cape Town
8001
021 417 2900

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1. INTRODUCTION/BACKGROUND

The various tiers of government are dealing with the reality of a growing human settlement backlog, increased inequalities and the fact that spatial restructuring and urban integration remains major challenges. There is thus an urgent need to change the existing approach towards human settlement creation, to accelerate and improve the quality of human settlement delivery and make the notions of "shared growth" and "integrated" and "sustainable development" a reality.

The increasing pressure to accelerate human settlement delivery and to unlock land faster for housing development in Cape Town has led to a decision from the City of Cape Town to appoint a multi-disciplinary team of professionals to plan, design and monitor integrated human settlement developments within the city of Cape Town.

The team of professionals will be required to prepare and submit, for approval, an implementation plan that shows a phased site-specific development programme for that specific site where all facets of engineering are considered including Civil, Electrical, Geotechnical and Traffic. Furthermore the successful team will be required to undertake all the management and professional work involved in taking the land's planning from inception to the point when all products (as listed in Tender), have been obtained.

We believe that we SMEC and its team of professionals have the expertise to assist the City of Cape Town to achieve their objectives and to assist the City in fast tracking the acceleration of human settlement delivery.

Our professional team will be able to render a professional hands-on service at municipal level with detailed progress reporting to the City of Cape Town. We will focus on short, medium and long term planning and on delivery of human settlements projects.

2. SCOPE OF WORK

2.1 Deliverables

The project deliverables will entail taking a parcel of land allocated by the client and, at minimum, completing the following activities:

- A Master Plan for the area in question w.r.t Civil, traffic and electrical planning;
- A Bulk & Link Infrastructure Needs Statement;
- A Phase-1 Geotechnical Report, for starters;

2.2 Client Specifications

Whilst completing the required deliverables we will incorporate and comply with the client's requirements and specifications as listed in the tender document. These requirements and specifications include the following:

2.2.1 The Site Plan

The Site Plan must perform a number of functions, namely:

- Serve as basis for registering future General Plan(s), depending on the size and phased development of the site;
- Give guiding urban design principles and land use arrangements for subsequent detailed subdivision planning;
- Demonstrate the development's connectivity to regional infrastructure networks;
- Serve as basis for bulk infrastructure quantifications and costing;
- Serve as basis for any Traffic Impact Applications.

2.2.2 Bulk and Link Infrastructure

A statement of the bulk & link infrastructure needed on the site and its surrounds must be provided. It must refer to the nature, quantity and cost of the civil infrastructure. The following must be itemized: roads, water, storm-water management, electricity, and sewerage.

2.2.3 Geotechnical Survey

A geotechnical survey must be conducted and a report completed to the specifications of the National Department of Human Settlements. The National Housing Code requires a Phase-1 Geotechnical report before housing funds are approved. Similarly, the NHBRC requires empirical confirmation that the site is suitable for urban development, and therefore this work forms part of the deliverables.

3. OVERALL METHODOLOGY

3.1 General

The Professional Team consists of all professional resources as described in the tender documentation and listed in **Section 4**.

The team will focus on completing the works to the client's requirements listed in **Section 2** and will be led by Mr Johan Basson as the Civil Engineer.

The Professional Team will operate on both Provincial and Municipal levels. At Provincial level we will work closely with the Directorates responsible for Municipal Support, Planning and Implementation. Our specialised performance, tracking and reporting systems of each individual service will adhere to the requirements of the Project.

3.2 Achieving Deliverables

The works will be executed in two Stages namely the Pre-submission Stage and the Town Planning Approval Stage. Prior to applying for town planning approval the sequence of activities listed in **Figure 1** will be completed. Completing these activities will enable the allocated Town Planner to compile a Land Use application. The completed application will then be submitted to the necessary approval authorities and will enable the activities listed in **Figure 2** to take place. Upon submission, the Professional Team will follow up with the approval authorities on a regular basis to track the progress of the applications.

Figure 1: Stage 1 Sequence of Activities

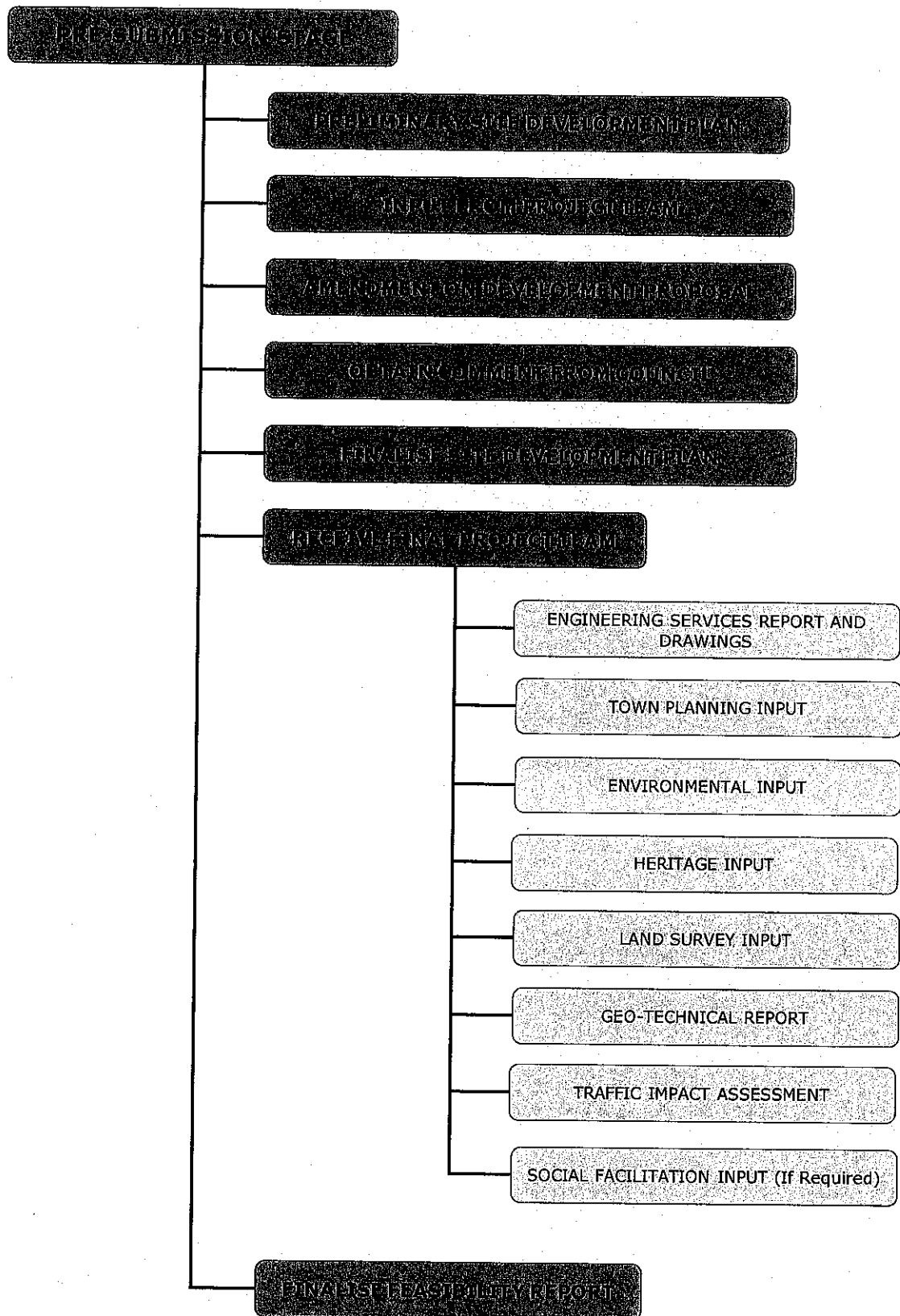
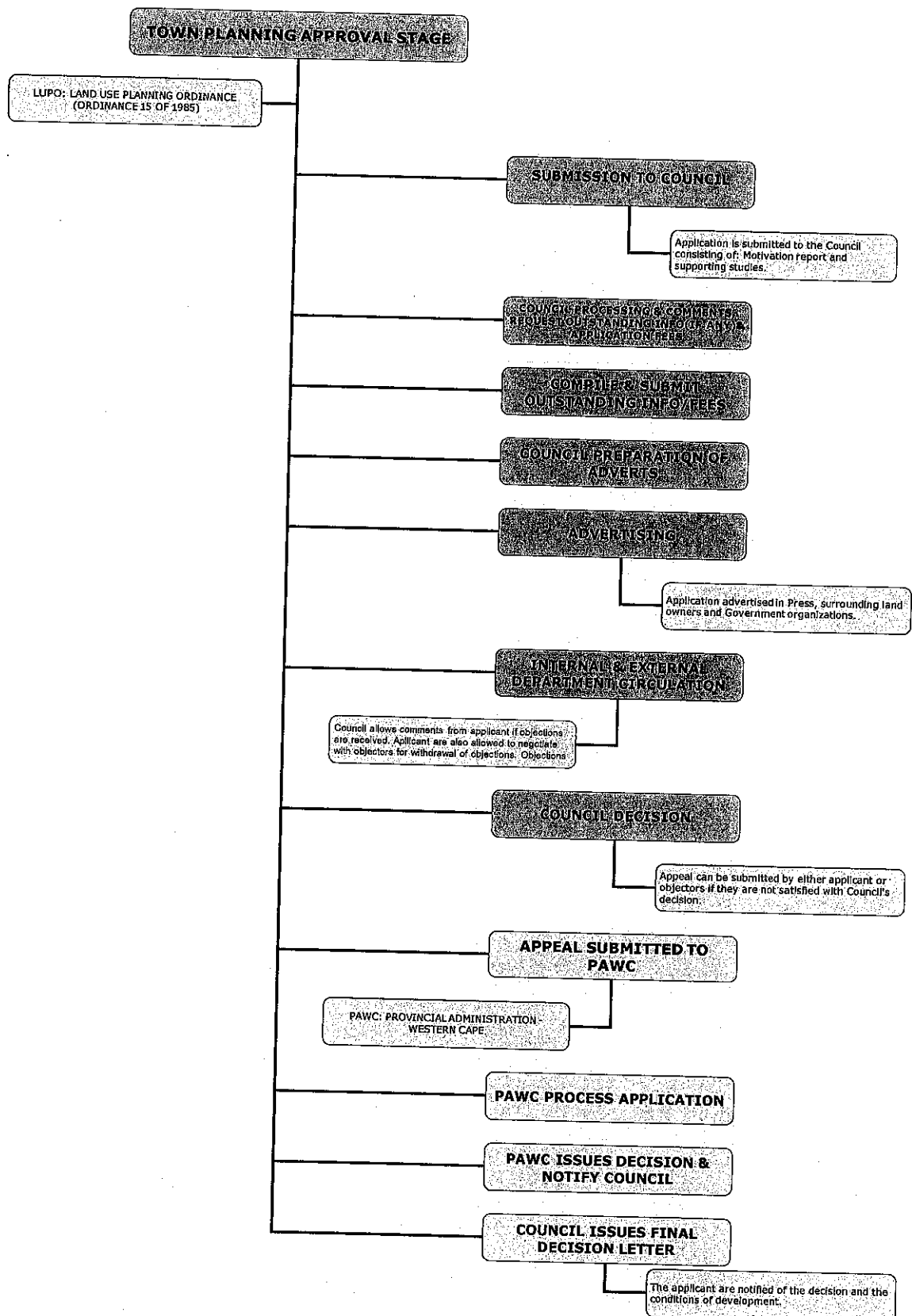


Figure 2: Stage 2 Sequence of Activities:



Some of the guidelines that will be followed in order to achieve the various deliverables during the Pre-submission Stage are listed below. Detailed methodologies which lists specific

activities to be followed by some of the professionals are included in Annexure A.

3.2.1 Site Plan for the area/ Approved Rezoning and Sub divisional area

The Professional Team will ensure that the site layout for all human settlement projects meets the following principles:

- Serves as a basis for future general Plans;
- Complies with urban design principles;
- Integration and continuity of mobility routes, public hard open spaces and green systems to promote better use of land;
- Integrated neighbourhoods for greater access for a larger number of people;
- Concentration and development along key access routes;
- Provides for different types of development areas;
- Creation of positive environments where public space is defined;
- Provides for social amenities;
- Provides for efficient use of infrastructure;
- Supporting preliminary bulk and internal engineering services designs;
- Is adequate for all future land use and funding applications;

3.2.2 A Bulk & Link Infrastructure Needs Statement

The following will be considered and included in the engineering design:

- All design will comply with technical specifications as outlined by the Red Book, SABS 1200 as well as City of Cape Town's Design Guidelines.
- The designs will include all bulk earthworks, access and bulk roads, internal and bulk services (sewer, stormwater, water and electricity) and sewer and water connections to all erven.
- A detailed and itemized cost estimate will be included and will incorporate all design components listed above.

3.2.3 Geotechnical Investigations

- Conduct detailed Geotechnical investigations for Phase 1.
- The report to confirm whether the site in question is suitable for development.

4. THE PROFESSIONAL TEAM

4.1 Members of the Professional Team

The Professional Team consists of various professionals in the built environment. The team will work together as a multi-disciplinary team to undertake projects as instructed by the City of Cape Town. The team will consist of main team members who will be involved throughout the project and support team members whose services will be sources as required. The main and support professional team are listed in the tables below and the levels of responsibility and lines of communications are indicated on the Organogram in **Figure 3**.

Table 1: Main Members of the Professional Team

Discipline	Company	Key Personnel	Qualifications/ Prof. Registration
Civil Engineer / Project Leader	SMEC South Africa	Johan H Basson	B Eng (Civil) B Com NQF-7 Pr Eng
Geotechnical Engineer	SMEC South Africa	Fernando Pequeno	BEng(Civil) GDE (Civil) BEng(Hons) (Geotech) Pr Eng
Transport Engineer	SMEC South Africa	Jaco Engelbrecht	NDip B Eng Pr Eng
Electrical Engineer	SMEC South Africa	David Dowling	B Eng Pr Eng
Clerk of Works	SMEC South Africa	Chris Ball	T3 Pr Tech
Health And Safety	Safe Working Practise	Mark Winter	SAIOSH IOSM ROSPROF ACHASM SACPCMP

We believe that the members of the professional team have the necessary skills and experience to make a positive impact and to complete the relevant projects to the satisfaction of the Client. Curriculum Vitae of all key professional personnel as well as the Curriculum Vitae of other technical support personnel is included in the returnable tender document.

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE 14: ISO 9001: 2008 CERTIFICATION

Not used.

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

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SCHEDULE 15: OTHER CRITERIA

Not used.

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

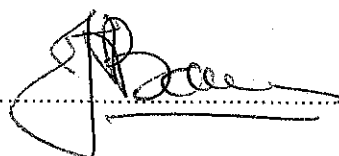
SCHEDULE 16: PERSONNEL SCHEDULE (OTHER THAN KEY PERSONNEL)

The tenderer shall indicate on the schedule below what human resources, other than the key personnel listed in clause F.2.1.1.3 above, they have at their disposal and intend allocating to this project as and when required.

The tenderer is referred to clause F.2.1.1.7 of the Tender Data and shall state below what personnel that are intended to be used in the execution of the with details of their names, qualifications, title/ job description, brief description of their function in relation to this tender, whether or not they are in the employment of the tenderer at present, and on what basis they will be involved in this tender (part time oversight role, full time for duration of certain activities as and when required etc.)

PERSONNEL					
NAME	JOB TITLE	QUALIFICATIONS	FUNCTION RELATING TO THIS TENDER	IN THE EMPLOY OF THE TENDERER: YES/NO	INVOLVEMENT IN THIS TENDER (EG. PART-TIME, FULL TIME, CERTAIN ACTIVITIES ONLY ETC.
Kieran Blumens	Safety Consultant	HIRA Scaffolding	Safety Consultant	No	Certain Activ.
Byron Anst	Engineer	B.Eng	Design	Yes	Full time
Dean Nel	Section Manager	Pr. Tech Eng B. Tech	Design	Yes	Part time
Carla Cronje	Technician	NDip	Drafting	Yes	Part time.
Mike King	Technical Specialist	B. Tech Pr. Tech Eng	Design	Yes	Part time.
Tony Peralta	Contracts Specialist	B. Tech Pr. Tech Eng	Contracts	Yes	Part time
Myrland Augustyn	Function Manager	B. Eng Pr Eng	Site Supervision	Yes	Part time.

SIGNED ON BEHALF OF TENDERER:



CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

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PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE 17: AUTHORISATION FOR THE DEDUCTION OF OUTSTANDING AMOUNTS OWED TO THE CITY OF CAPE TOWN

To: THE CITY MANAGER, CITY OF CAPE TOWN

From: SMEC SOUTH AFRICA (PTY) LTD
(Name of Tenderer)

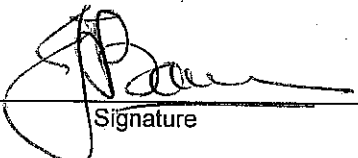
AUTHORISATION FOR THE DEDUCTION OF OUTSTANDING AMOUNTS OWED TO THE CITY OF CAPE TOWN

The Tenderer:

- a) hereby acknowledges that according to SCM Regulation 38(1)(d)(i) the City Manager may reject the tender of the Tenderer if any municipal rates and taxes or municipal service charges owed by the Tenderer or any of its directors/members/partners to the City of Cape Town, or to any other municipality or municipal entity, are in arrears for more than 3 (three) months; and
- b) therefore, hereby agrees and authorises the City of Cape Town to deduct the full amount outstanding by the Tenderer or any of its directors/members/partners from any payment due to the Tenderer.

I, Johan Hugo Basson, the undersigned,
(full name in block letters)

hereby authorise the City of Cape Town to deduct the full amount outstanding by the Tenderer/Contractor or any of its directors/members/partners from any payment due to the Tenderer/Contractor.


Signature

THUS DONE AND SIGNED for and on behalf of the Supplier

at 65 Riebeeck Street on the 24th day of November 2016.
(PLACE) (DATE) (MONTH) (YEAR)



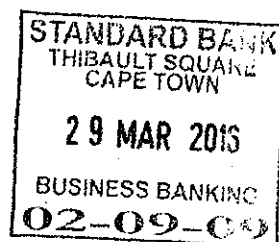
Thibault Square Branch

To Whom It May Concern:

Date:
29 March 2016

Tel No:
010 249-4401

Ref
MVD/ DM



Re: Confirmation of Standard Bank account

This letter serves to confirm that we have a current account for the below-mentioned client in our books.

Account Name : SMEC SOUTH AFRICA PTY LTD
Account Number : 070865337
Branch Name : Thibault Square
Branch Code : 020909
Swift code : SBZAJJ
Date Account opened : 05 December 1995

This letter is given without responsibility and does not give rise to any obligations or liability on the part of the Bank and/or its officials.

We trust the above meets with your requirements.

Yours faithfully

Mariska van Dyk
Service Unit Manager
Commercial Banking
Tel: 010 249-4401

Cnr Hans Strijdom and Long streets Cape Town 8001
PO Box 1436 SWIFT address: SBZA ZA JJ www.standardbank.co.za
Tel: 0860 101 341 Fax: 021 402 4040

The Standard Bank of South Africa Limited (Reg. No. 1962/000738/06) Authorised financial services and registered credit provider (NCRCP15).

Directors: TS Gcabashe (Chairman) SK Tshabalala* (Chief Executive) RMW Dunne* BJ Kruger* Adv KD Moroka Dr ML Oduor-Otieno**
AC Parker ANA Peterside con*** SP Ridley* MJD Ruck PD Sullivan**** BS Tshabalala EM Woods
Company Secretary: Z Stephen *Executive Director #British ##Kenyan ###Nigerian ****Australian 01/01/2016

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

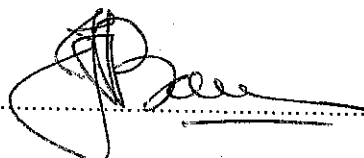
SCHEDULE 18: RECORD OF ADDENDA TO TENDER DOCUMENTS

We confirm that the following communications received from the Employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

	Date	Title or Details
1.	04 November 2016.	Notice to Tenderers No.1
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

SIGNED ON BEHALF OF TENDERER:





04 NOVEMBER 2016

NOTICE TO TENDERERS NO.1

TENDER NO: 101C/2016/17

BOX NUMBER: 127

CLOSING DATE: 24 November 2016

DISCRIPTION: PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

Your attention is specifically drawn to the following information.

Attached hereto are **Clarification questions and answers** asked in regard to the abovementioned tender:

Emanating from the non-compulsory tender clarification meeting held on the 01 November 2016, please find below the pertinent points discussed in this meeting.

A Power Point Presentation was shown to all tenderers present, detailing the key requirements, scope of works and time periods in terms of this tender, where after the following questions were tabled during the question and answer session:

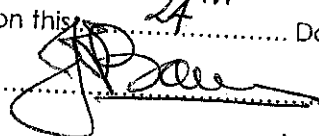
1. **Clarity was requested regarding the extent of the bulk services for purposes of pricing the tender document.** The tenderers were informed that internal bulk services would form part of this tender and any external bulk services required would be undertaken by the applicable Department.
2. **Clarity was required whether the city would appoint more than one contractor during the implementation phase.** It was subsequently agreed in order to standardise pricing for all prospective tenderers only one contractor be managed on site.
3. **Clarity was sought as to whether a Civil Engineer or Civil Engineering Technologist could be utilised on this tender.** It was agreed that further consultation would be required and that feedback would be provided. It has therefore been decided that a Civil Engineering technologist would be considered for this tender as long as they conform to the functionality criteria as stipulated in the tender document.

Yours Faithfully,

B. Chinasamy
On behalf of: Basil Chinasamy
Director: Supply Chain Management

ACKNOWLEDGEMENT OF RECEIPT FOR AND ON BEHALF OF THE TENDERER: TENDER NO 100C/2016/17

At 65 Riebeck Street on this 24th Day of November 2016

Signature: 

Name of Signatory:

Johan Hugo Basson
(In ink and capitals)

TENDERER:

SMEC South Africa (Pty) Ltd.
(Name of firm in ink and capitals)

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

SCHEDULE 19: PREFERENCING SCHEDULE

Preferencing Schedule where preferences are granted in respect of B-BBEE contribution

1 Definitions

The following definitions shall apply to this schedule:

All applicable taxes: Includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

Applicable Code: Shall be either the Amended Codes of Good Practise (published on 11 October 2013) or Sector Specific Codes as indicated in the tender conditions

B-BBEE: Broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act.

B-BBEE status level of contributor: The B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act.

Bid (Tender): A written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of services, works or goods, through price quotations, advertised competitive bidding processes or proposals.

Broad-Based Black Economic Empowerment Act: The Broad-Based Black Economic Empowerment Act, Act 53 of 2003.

Comparative Price: The price after the factors of a non-firm price and all unconditional discounts that can be utilized have been taken into consideration.

Consortium or Joint Venture: An association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

Contract The agreement that results from the acceptance of a bid by an organ of state.

EME: Any enterprise with an annual total revenue of R10 million or less.

Firm Price: The price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs or excise duty and any other duty, levy, or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an influence on the price of any supplies, or the rendering costs of any service, for the execution of the contract.

Functionality: The measurement according to predetermined norms, as set out in the bid documents, of a service or commodity that is designed to be practical and useful, working or operating, taking into account, among other factors, the quality, reliability, viability and durability of a service and the technical capacity and ability of a bidder.

Non-firm prices: All prices other than "firm" prices.

Person: Includes a juristic person.

Qualifying Small Enterprise: Any enterprise with an annual total revenue of greater than R10 million but less than R50 million or less.

Rand Value: means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties.

Sub-contract: The primary contractor's assigning, leasing, making out work to, or employing, another person to support such primary contractor in the execution of part of a project in terms of the contract.

Total Revenue: Bears the same meaning assigned to this expression in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act and promulgated in the *Government Gazette* on 9 February 2007.

Trust: The arrangement through which the property of one person is made over or bequeathed to a trustee to administer such property for the benefit of another person.

Trustee: Any person, including the founder of a trust, to whom property is bequeathed in order for such property to be administered for the benefit of another person.

2 Conditions associated with the granting of preferences

A supplier that is granted a preference undertakes to:

- 1) accept that the number of preference points allocated will be based on the B-BBEE status level of contributor of the supplier as at the closing date for submission of tender offers;
- 2) not sub-contract more than 25% of the value of the contract to sub-contractors that do not have an equal or higher B-BBEE status level of contributor than the supplier, unless the intended sub-contractors are exempted micro enterprises that have the capability and ability to execute the sub-contract works or unless otherwise declared in terms of Section 5 below;
- 3) accept the sanctions set out in Section 3 below should Condition 2(2) be breached, or should the B-BBEE status level of contribution be found to have been claimed or obtained on a fraudulent basis;
- 4) accept that, in order to qualify for preference points, it is the responsibility of the supplier to submit documentary proof of its BBEE level of contribution in accordance with the Codes of Good Practice, 2013, to the CCT at the Supplier Management Unit located within the Tender Distribution Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town (Tel 021 400 9242/3/4/5);
- 5) accept that, further to 4) above, Consortiums/Joint Ventures will qualify for preference points, provided that the entity submits the relevant certificate/scorecard in terms of the Preferential Procurement Regulations, 2011. Note that, in the case of unincorporated entities, a verified scorecard in the name of the consortium/Joint Venture must be submitted with the tender (attached to this schedule);
- 6) accept that if it is found that, in the performance of the contract, the participation of the various partners in a Consortium/ Joint Venture differs substantially from that upon which the consolidated scorecard submitted in terms of 5) above was based, and the impact of which is that the Joint Venture would not have been awarded the contract in terms of the actual B-BBEE level of contribution achieved by the Joint Venture, then a financial penalty shall be applied (in addition to any other remedies that the CCT may have) in accordance with Section 3 below;
- 7) accept that suppliers are required to be registered on the City of Cape Town's Supplier Database prior to the acceptance of tenders in order to qualify for preference points. The CCT will verify the B-BBEE level of contributor of the supplier as at the closing date for submission of tender offers, to determine the number of preference points to be awarded to the supplier. In the case of Consortiums/Joint Ventures which tender as unincorporated entities, a verified scorecard submitted with the tender and valid as at the closing date will be used to determine the number of preference points to be awarded to the supplier;
- 8) accept that, notwithstanding 7) above, a supplier will **not** be awarded points for B-BBEE status level of contributor if he indicates in his tender that he intends sub-contracting more than 25% of the value of the contract to sub-contractors that do not qualify for at least the points that the supplier qualifies for unless the intended sub-contractors are exempted micro enterprises that have the capability and ability to execute the sub-contract works; and
- 9) immediately inform the City of Cape Town of any change that may affect the tenderer's B-BBEE level of contribution upon which preference points will be or have been allocated.

3 Sanctions relating to breaches of preference conditions

The sanctions for breaching the conditions associated with the granting of preferences are:

- 1) disqualify the supplier from the tender process;
- 2) recover costs, losses or damages the CCT has incurred or suffered as a result of the supplier's or contractor's conduct;
- 3) cancel the contract and claim any damages which the CCT has suffered as a result of having to make less favorable arrangements due to such cancellation;
- 4) restrict the supplier, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, from obtaining business from the CCT for a period not exceeding 10 years, after the *Audi alteram partem* (hear the other side) rule has been applied;
- 5) forward the matter for criminal prosecution; and/or
- 6) a financial penalty payable to the CCT, as set out below.

Financial penalty for breach of Condition 2 in Section 2 above:

The penalty to be applied for sub-contracting more than 25% of the value of the contract to sub-contractors that do not qualify for at least the preference points that the supplier qualified for (unless so declared or proven to be beyond the control of the supplier, or the sub-contractors are EMEs that have the capability and ability to execute the sub-contract works) shall be as provided for in the following formula:

$$\text{Penalty} = 0.5 \times E(\%) \times P^*$$

where:

E = The value of work (excluding VAT) executed by sub-contractors that do not qualify for at least the preference points that the supplier qualified for, expressed as a percentage of P*, less 25%

P* = Value of the contract

Financial penalty for breach in terms of condition 6 in Section 2 above:

The penalty to be applied where, in the performance of the contract, the participation of the various partners in a Consortium/ Joint Venture differs substantially from that upon which the consolidated scorecard submitted in terms of 5) in Section 2 above was based, and the impact of which is that the Joint Venture would not have been awarded that contract in terms of the actual B-BBEE level of contribution achieved by the Joint Venture, shall be as provided for in the following formula:

$$\text{Penalty} = 5/100 \times (B-BBEE^a - B-BBEE^t) \times P^*$$

where:

B-BBEE^a = The B-BBEE level of contribution that is achieved, determined in accordance with the actual participation of the Joint Venture partners in the performance of the contract

B-BBEE^t = The B-BBEE level of contribution that was used to determine the number of preference points granted to the Joint Venture at the time of tender evaluation

P* = Value of the contract

- 4 **Level of Contribution in respect of enterprise status or structure of the quoting entity (the supplier)**
In the interest of transparency, suppliers are required to complete Table 1: Level of Contribution below.

Table 1: Level of Contribution

Type of B-BBEE Contributor	Status (tick box(es) below as applicable)
Exempted Micro Enterprise (EME), 100% black-owned	☐
Exempted Micro Enterprise (EME), greater than 51% but less than 100% black-owned	☐
Exempted Micro Enterprise (EME), at least 51% black-owned	☐
Qualifying Small Enterprise (QSE), 100% black-owned	☐
Qualifying Small Enterprise (QSE), greater than 51% but less than 100% black-owned	☐
Qualifying Small Enterprise (QSE), at least 51% black-owned	☐
Verified B-BBEE contributor B-BBEE Status Level of Contributor ¹ 3	☒
Non-compliant contributor	☐

¹ If it is indicated that the company/firm/entity is a verified B-BBEE contributor, then the verified status level of contributor must be inserted in the box provided (insert a number from 1 to 8 as applicable)

5 Declarations

- 1) With reference to Condition 8 in Section 2 above, the supplier declares that:
I/we DO intend sub-contracting more than 25% of the value of the contract to sub-contractors that do not qualify for at least the points that I/we as supplier qualify for or are not exempted micro enterprises that have the capability and ability to execute the sub-contract works ☐

Note:

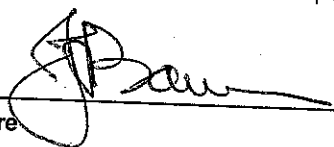
Tenderers who do not tick this box will be allocated preference points but the sanctions relating to breaches of preference conditions in Section 3 will be applicable if the tenderer contravenes the conditions in Section 2.

- 2) The undersigned, who warrants that he/she is duly authorised to do so on behalf of the supplier, hereby certifies

that the preference claimed based on the B-BBEE status level of contribution indicated in Table 1, qualifies the supplier, subject to condition 7 in Section 2 above, for such preference claimed, and acknowledges that:

- (i) the information furnished is true and correct;
- (ii) the preference claimed is in accordance with the conditions of this schedule;
- (iii) the supplier may be required to furnish documentary proof to the satisfaction of the CCT that the BBEE level of contributor as at the closing date is correct; and
- iv) he/she understands the conditions under which preferences are granted, and confirms that the supplier will satisfy the conditions pertaining to the granting of preferences.

Signature



24 November 2016

Date

Johan Hugo Basson

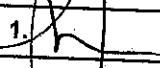
Name (PRINT)

(For and on behalf of the Supplier (duly authorised))

For official use

SIGNATURE OF CITY OFFICIALS AT
TENDER OPENING

1.



2.



3.



CERTIFIED A TRUE COPY
OF THE ORIGINAL



SABPP™
SABPP FOR
PEOPLE PRACTICES
Setting HR standards

Commissioner of Oaths
HR Associate (CHRP)
Member number: 7576
230 Albertus Street
La Montagne
Pretoria

EMPOWERDEX

Economic Empowerment Rating Agency



Generic Construction Sector Code B-BBEE Verification Certificate (BEPs)

SMEC South Africa (Pty) Ltd

Registration Number: 1989/007013/07
Address: 230 Albertus Street, LA Montagne, Pretoria, 0184

Level Three Contributor

Scorecard Information	Actual Score	Target Score	Analysis	Results
Ownership	13.71	25.00	Procurement Recognition Level	110.00%
Management	8.86	10.00	Black Ownership	15.64%
Employment Equity	5.00	10.00	Black Women Ownership	2.21%
Skills Development	17.68	20.00	VAT Number	4660152085
Preferential Procurement	19.20	20.00	Value Adding Enterprise	Yes
Enterprise Development	10.00	10.00	Issue Date	09 December 2015
Socio-Economic Development	5.00	5.00	Expiry Date	08 December 2016
Total Score	79.45	100.00	Re-Issue Date	23 February 2016

For EMPOWERDEX Northern Regions (Pty) Ltd

2016-02-23
Date

This verification certificate and the verification report are based on information provided to Empowerdex and represent an independent opinion based on the verification and analysis completed by Empowerdex. The calculation of the scores has been determined in accordance with the Construction Sector Code as Gazetted on 5 June 2009.

Empowerdex Northern Regions (Pty) Ltd, Reg. 2008/004631/07
Directors: R Gijben, J Odendaal, L Ratsoma, J Brebnor

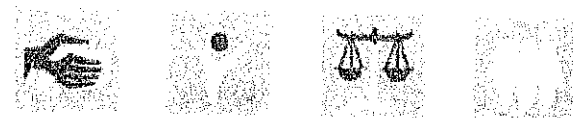
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sanas
BBEE Verification Agency

BVA 101
A01428

C e r t i f i c a t e



BEE EMPOWERED

BEE RATING AGENCY

BEE EMPOWERED DOCUMENT REFERENCE NUMBER: BEE/CP/13/A21 - V03 - EFFECTIVE DATE: 15/03/16
REF NO: BEE/CS/0348/16

B-BBEE COMPLIANCE AFFIDAVIT

ENTITY:

SAFE WORKING PRACTICE CAPE TOWN (PTY) LTD
(Co Reg No: 2014/021347/07)
(VAT Reg No: 4690265154)
18 Cornuta Avenue
TOKAI
7945

B-BBEE SCORE:

Level Four B-BBEE Recognition Level

B-BBEE PROCUREMENT LEVEL:

100%

BLACK OWNERSHIP:

0%

BLACK FEMALE OWNERSHIP:

0%

EMPOWERING SUPPLIER:

Yes

SCORECARD APPLIED:

Exempt Micro Enterprise -

FINANCIAL YEAR ENDING:

**Amended Codes of Good Practice
29 February 2016**

EFFECTIVE DATE:

30 June 2016

EXPIRY DATE:

29 June 2017

This Independent Assessment is based on the information provided to BEE EMPOWERED and is an independent opinion based on the validation and analysis performed in accordance with Gazetted Amended Codes of Good Practice of Broad Based BEE as at the date of this Independent Assessment

SHARON ROSSOUW - VERIFICATION MANAGER

I hereby declare, under oath, the following:

- I am a duly authorised representative of the entity with physical address as listed above
- The annual turnover for the financial period, listed above, is less than R10 000 000 (ten million rand)
- I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the owners of the enterprise which I represent in this matter.
- I am aware that any misrepresentation herein constitutes a criminal offence as set out in the B-BBEE Act as amended.

DEPONENT:

COMMISSIONER OF OATHS:

SIGNED:

SIGNED:

0470014-7
16.D. SEPTEMBER

NAME OF DEPONENT:

SUSAN WINTER

PLACE OF SIGNING:

SOUTH AFRICAN POLICE SERVICE
KIRSTENHOF

IDENTITY NUMBER:

6607120051087

**CAPACITY OF
COMMISSIONER:**

13 AUG 2016

DESIGNATION:

DIRECTOR

T: +27 21 511 0802 F: +27 21 511 0201 E: info@bempowered.net W: www.bempowered.net

Block 1, Unit A21, Northgate Island, Section Road, Paarden Eiland, 7945
P.O.Box 496, Howard Place, Pinelands 7450, Cape Town, South Africa



labour

Department:
Labour
REPUBLIC OF SOUTH AFRICA



2015008207

CALL CENTER NO: 0860 105 350

REG NO : 990000221559
FAX NO : 0123456789
ISSUE DATE : 2016-04-25
CERTIFICATE NO : 2015008207

SMEC SOUTH AFRICA (PTY) LTD
PO BOX 72927
PRETORIA

LETTER OF GOOD STANDING

COMPENSATION FOR OCCUPATIONAL INJURIES AND DISEASES ACT 130 of 1993 (AS AMENDED).

With reference to sections 80, 82, 86 and 89 of Compensation for Occupational Injuries and Diseases Act 130 of 1993 (As amended), I hereby certify that:

SMEC SOUTH AFRICA (PTY) LTD

has complied with the requirement of the above Act and is at present in good standing with the Compensation Fund.

Nature of business :CONSULT ENG

Expiry date :2017-04-30

IMPORTANT NOTICE:

Any fraudulently obtained Letter of Good Standing shall constitute a criminal offence.

The Compensation Commissioner shall institute criminal proceedings against any perpetrators who unlawfully alter or deface this letter with intend to defraud or misrepresent facts contained therein.

PLEASE, use the Below link (Website Address) to check if the Letter of Good Standing is valid:
<https://cfonline.labour.gov.za/VerifyLOGS>

Yours faithfully

COMPENSATION COMMISSIONER

W.As. 48

Compensation House, Cnr Hamilton and Soutpansberg Road, PO Box 955, Pretoria, 0001 Fax:(012)357-1817 Website:<http://www.labour.gov.za>



Compensation Fund
WORKING FOR PEOPLE

Part C1: Agreements and Contract Data

	Pages
C1.1 Form of Offer and Acceptance	59-64
C1.2 Contract Data	65-70
C1.3 Occupational Health and Safety Agreement	71-72

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

C1.1 Form of Offer and Acceptance

Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

CONTRACT NO. 101C/2016/17: PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorised, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the service provider under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

The completed Schedules of Rates (excluding VAT, as contained in Part C2.2 Pricing Data, shall form the tender offer. These rates shall be multiplied, as applicable, by the quantities required in respect of relevant items to develop individual Works Projects to be allocated in accordance with the procedures described in Part C1.2 Contract Data in this Framework Contract document.

Subject to the City's Bid Adjudication Committee approval, the highest ranking tenderers will then be awarded a contract based on the number of erven multiplied by the tendered rate to provide, the applicable professional services, to at least one (1) of the 6 projects (refer to C3.1 Scope of Works). A 10% contingency will be added by the Employer to the total sum. The City reserves the right to appoint successful tenderers to any one of the six projects based on their successful submission.

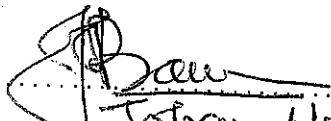
This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the tender data, whereupon the tenderer becomes the party named as the service provider in the conditions of contract identified in the contract data.

Signature(s) *

Name(s)

Capacity

for the tenderer

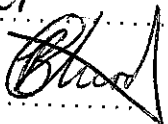

Johan Hugo Basson
Function Manager

(Name of organization/tenderer) *

(Address of organization/tenderer)

SMEC SOUTH AFRICA (PTY) LTD
65 RIEBEEK STREET
CAPE TOWN - 8001

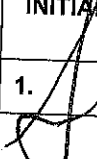
Name and
signature
of witness


B. Auret


Date

24 November 2016

* Refer to Clause F.4.4 Invalid tenders in Part T1.2 Tender Data

For official use		
INITIALS OF CITY OFFICIALS AT TENDER OPENING		
1. 	2. 	3. 

Acceptance

By signing this part of this form of offer and acceptance, the employer identified below accepts the tenderer's offer. In consideration thereof, the employer shall pay the service provider the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the tenderer's offer shall form an agreement between the employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

- Part C1: Agreements and contract data, (which includes this agreement)
- Part C2: Pricing data
- Part C3: Scope of work
- Part C4: Site information

and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule.

The tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the employer's representative (whose details are given in the contract data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfill any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the tenderer (now service provider) within five working days of the date of such receipt notifies the employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.

Signature

Name

Capacity

for the
Employer

Lungelo Mbandazayo

Acting CITY MANAGER

CITY OF CAPE TOWN
Tower Block, Civic Centre,
12 Hertzog Boulevard
Cape Town

Name and
signature
of witness

AMANDA NAIDOO

Date 22 FEBRUARY 2018

Schedule of Deviations

1 Subject

Details

2 Subject

Details

3 Subject

Details

4 Subject

Details

5 Subject

Details

By the duly authorised representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the returnable schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

For the Tenderer:

Signature(s)

Name(s)

Capacity

(Name of organization/tenderer)

(Address of organization/tenderer)

Name and
signature
of witness

Date

For the Employer:

Signature(s)

Name(s)

Capacity

(Name and
address of
organization)

CITY OF CAPE TOWN
Tower Block, Civic Centre,
12 Hertzog Boulevard
Cape Town

Name and
signature
of witness

Amanda Naidoo

Date 22 FEBRUARY 2018

Heidoo

Confirmation of Receipt

The tenderer (now service provider), identified in the offer part of this agreement hereby confirms receipt from the employer, identified in the acceptance part of this agreement, of one fully completed original copy of this agreement, including the schedule of deviations (if any) today:

the.....(day)

of(month)

20.....(year)

at(place)

For the Service Provider:

Signature(s)

Name(s)

Capacity

Signature and name of witness:

Signature

Name

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

C1.2 Contract Data

Part 1: Contract Data provided by the Employer

GENERAL CONDITIONS OF CONTRACT

The General Conditions of Contract are the **Standard Professional Services Contract (July 2009)** (Edition 3 of CIDB document 1015), as published by the Construction Industry Development Board.

Copies of these General Conditions of Contract may be obtained from the Construction Industry Development Board's website www.cidb.org.za. Copies of the General Conditions of Contract are also available for inspection and scrutiny at the offices of the Employer.

The pro-formats attached to the Standard Professional Services Contract (July 2009) on pages 17 to 24 shall not apply to this Contract and shall be replaced with the documentation bound into this Contract Document.

The General Conditions of Contract make several references to the Contract Data for specific data, which together with the standard contract collectively describe the risks, liabilities and obligations of the contracting parties and the procedures for the administration of the Contract. The Contract Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the General Conditions of Contract.

The General Conditions of Contract shall be read in conjunction with the variations, amendments and additions set out in the Contract Specific Data below. Each item of data given below is cross-referenced to the clause in the General Conditions of Contract to which it mainly applies.

The documents forming the Contract are to be taken as mutually explanatory of one another. For the purposes of interpretation, the priority of the documents shall be in accordance with the following sequence:

- a) the Form of Offer and Acceptance,
- b) the Contract Specific Data within the Contract Data,
- c) the General Conditions of Contract
- d) the Scope of Work, and
- e) the Pricing Data.

If an ambiguity or discrepancy is found in the documents, the Employer shall issue any necessary clarification or instruction.

CONTRACT SPECIFIC DATA

The following contract specific data is applicable to this Contract:

Clause 1:

Add the following to the definition of **Employer**:
The Employer is the CITY OF CAPE TOWN.

Replace the definition of **Key Persons** with the following:

Persons who are referred to as such in the Contract Data who will be engaged in the performance of the Services.

Add the following to the definition of **Project**:

The project is the PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

*Add the following to the definition of **Service Provider**:*

The contracting party may be a consortium/joint venture contracting as a formally constituted Joint Venture Partnership, in which all parties are jointly and severally liable. In terms of this definition, the words consortium and joint venture shall be regarded as synonymous.

*Add the following to the definition of **Start Date**:*

The Start Date is the date when the service provider confirms receipt of one fully completed original copy of this document, including the acceptance part of the form of offer and acceptance, and schedule of deviations (if any).

Clause 3.2

Replace the words "time for completion" with "Period of Performance".

Clause 3.4 and Clause 4.3.2:

Add the following:

The authorised and designated representative of the Employer is the **Director: Human Settlements: New Market Development**

The address for receipt of communications is:

Telephone: (021) 400 9325
Facsimile: (086) 2029732
E-mail: ravan.rughubar@capetown.gov.za
Postal Address: PO Box 298
CAPE TOWN
8000
Physical Address: 21st Floor, Tower Block
Civic Centre
12 Hertzog Boulevard
CAPE TOWN
8001

Clause 3.4.1:

Add the following to the first sentence:

... , and may be given as set out hereunder and shall be deemed to have been received when:

- a) hand delivered – on the working day of delivery
- b) sent by registered mail – five (5) working days after mailing
- c) sent by email or telefax – one (1) working day after transmission

Clause 3.5:

Add the following:

The location for the performance of the Project will be the **LOCAL OFFICE** of the service provider, together with the site/s of the proposed new housing development. Key personnel will be expected to work out of the local office as the exigencies of this contract require.

Clause 3.9.2:

Replace the words "6 weeks" with "21 days".

Clause 3.9.3:

Add the following:

The rates-based fees used to determine changes to the Contract Price are as stated in the Pricing Data.

Clause 3.15.1:

Add the following:

The programme shall be submitted within **14** days of the Start Date.

Clause 3.16.2:

Add the following:

It is also brought to the attention of the tenderer that the estimated duration of this project will be **60** months from date of commencement. In addition, the tenderer should note that the fees priced will be fixed for the duration of the project. However, should the National Human Settlements Department increase the indirect cost for municipal engineering services of a serviced stand, applications for these additional fees will be applied for and if successful, application will be made to increase the tenderers priced fee. Such increase will only apply to work not completed and not retrospectively.

Clause 4.7:

Add the following:

Payment of the tendered basic fee for normal services shall be in accordance with Clause 9 in Part C2.1 Pricing Assumptions.

Clause 5.4.1:

Add the following:

The Service Provider is required to take out and maintain, for the full duration of the performance of this contract, the following insurance cover:

- a) Professional Indemnity (PI) insurance providing cover in an amount of not less than R5 000 000 in respect of each and every claim during the period of insurance. Where the entity tendering is a joint venture then the value of the PI insurance cover required may be shared between the joint venture partners in proportion to the percentage contribution of each party to the joint venture.
- b) Public Liability insurance with a limit of indemnity of not less than R20 000 000 for any single claim, the number of claims to be unlimited during the contract period.
- c) Insurance in terms of the provisions of the Compensation for Occupational Injuries and Diseases (COID) Act No. 130 of 1993.

The Service Provider shall ensure that any sub-contractors engaged in construction activities shall, in addition to the Public Liability and COID Insurances as described above, also take out and maintain contractors all risks insurance to the value of the work being undertaken.

Clause 5.4.2

Add the following:

Evidence of insurance or confirmation (warranty) from a reputable Insurance Broker that the required insurances are in place, shall be submitted within 14 days of the Start Date.

Add the following clause after Clause 5.4.2:

5.4.3 The Service Provider shall maintain the insurance policy/ies for the duration of the liability period in terms of Clause 13.4 and shall upon request by the Employer provide periodic proof of such insurance.

Clause 5.5:

Add the following:

The Service Provider is required to obtain the Employer's prior approval in writing before taking any of the following actions:

- a) Replacing any of the key personnel listed at the time of tender.
- b) Occupying any public land or facility for any purpose that will cause disruption and or inconvenience to the users of such land or facility in respect of any construction contract.
- c) Making a material change, addition or omission from the approved designs.
- d) Issuing an instruction that will result in the approved contract value being exceeded.
- e) Permitting advance payment for items not listed in the Advance Payment Schedule.
- g) Delegation of Engineer's authority in terms of Clause 3.2.4 (GCC 2010).
- h) Granting permission to work during non-working times in terms of Clause 5.8.1 (GCC 2010).
- i) Suspend the progress of the works in terms of Clause 5.11.1 (GCC 2010).
- j) The issuing of an instruction to accelerate progress in terms of Clauses 5.7.3 and 5.12.4 (GCC 2010).

Clause 6.4:

Add the following clause after Clause 6.3:

6.4 Conflict of interest

The Service Provider shall immediately disclose any potential conflict of interest or involvement in the project other than a professional interest in terms of this Contract.

Clause 7.1.2

Add the following:

Key Persons shall be those individuals listed under "Key personnel" in Part C3.1 Scope of Work.

Clause 7.2.1:

Add the following:

The Service Provider shall provide appropriate Personnel for such time periods as required and shall enter all data pertaining to Personnel and Key Persons on the Personnel Schedule (comprised of Schedules 9 and 16 Part T2.2 : Returnable Schedules).

Clause 8.1:

Contract

Part C1: Agreements and Contract Data
Reference No. 101C/2016/17

Add the following:

The Service Provider is to commence the performance of the Services within 14 days of the Start Date.

Clause 8.4.1:

Delete "or" at the end of Clause 8.4.1(d) and add the following three clauses after Clause 8.4.1(e);
f) if the Service Provider has failed to provide the required insurances within the prescribed time;

Clause 8.4.3(c):

Add the following:

The period of suspension under Clause 8.5 is not to exceed 6 months.

Clause 8.4.4:

Delete the content of this clause and replace with the following:

Upon termination of this Contract pursuant to Clauses 8.4.1 or 8.4.3, the Employer shall remunerate the Service Provider in terms of the Contract for Services satisfactorily performed prior to the effective date of termination and reimburse the Service Provider without adjustment to the agreed rates, sums or fees and without payment of any penalty or surcharge, including any pro-rata payment for partially completed Services, except in the case of termination pursuant to events (c) and (d) of Clause 8.4.1.

Clause 9.1:

Add the following:

Copyright of documents prepared for the project shall be vested with the Employer.

Clause 11.1:

Add the following:

A Service Provider may not sub-contract any work which he has the skill and competency to perform, unless he has the Employer's prior approval in writing.

Clause 12.1.2:

Add the following:

Interim settlement of disputes is to be by mediation.

Clause 12.2.1:

Add the following:

In the event that the parties fail to agree on a mediator, the mediator is nominated by the President of the South African Institution of Civil Engineering.

Clause 12.2.4:

Add the following:

Final settlement is by litigation.

Clause 13.1:

Add the following clause after Clause 13.1.3:

13.1.4 The Employer and the Service Provider shall enter into an agreement to complete the Services required for the Project in terms of the provisions of Section 37(2) of the Occupational Health and Safety Act No. 85 of 1993 and the Construction Regulations, 2003 promulgated thereunder.

An agreement is included in the Contract Document (C1.3 of Contract Data) and shall be completed and submitted to the Employer together with a letter of good standing from the Compensation Commissioner (if not insured with a licenced compensation insurer) within fourteen (14) days of the Start Date. The Service Provider shall ensure that any letter of good standing shall be timeously renewed in order that it remains in full force for the duration of the Contract.

Clause 13.4:

Delete the content of this clause and replace with the following:

Notwithstanding the terms of the Prescription Act No. 68 of 1969 (as amended) or any other applicable statute of limitation neither the Employer nor the Service Provider shall be held liable for any loss or damage resulting from any occurrence unless a claim is formally made within a liability period of five years, which period shall commence on the earlier of:

- (a) Final completion of the construction contract.
- (b) Suspension, postponement, expiry or termination of all construction contracts.
- (c) Cancellation or termination of this Contract.

Clause 13.7.3:

Add the following clause after Clause 13.7.2:

13.7.3 The Service Provider hereby indemnifies the Employer against all claims by third parties which arise out of or in connection with the Services rendered under this Contract and where such claims are the consequence of breach by the Service Provider to exercise reasonable professional skill, care and diligence in the exercising of its obligations.

Clause 14.5:

Add the following new clause after Clause 14.4:

Clause 14.5: Tax Invoices

Section 20(1) of the Value Added Tax Act No. 89 of 1991 requires that a supplier (person supplying goods or services) who is registered as a VAT supplier issue to the recipient a tax invoice within 21 days of the date of a supply whether requested or not.

The Service Provider shall provide a tax invoice (VAT invoice) which shall be included with each account delivered to the Employer in terms of Clause 14. Failure by the Service Provider to provide a tax invoice (VAT invoice) timeously may delay payment by the Employer and no interest shall accrue.

Clause 15:

Add the following:

The interest rate will be the prime interest rate of the Employer's Bank at the time the amount is due.

Part 2: Data provided by the Service Provider

The Service Provider is: SMEC SOUTH AFRICA (PTY) LTD
Postal Address: PO BOX 2022
ROGGEBAAI - 8012
Physical Address: 65 RIEBEEK STREET
CAPE TOWN - 8001
Telephone: 021 417 2900
Facsimile: 021 417 2999

The authorised and designated representative of the Service Provider is:

Name:

The address for receipt of communication is:

Address: 65 RIEBEEK STREET
CAPE TOWN - 8001
Telephone: 021 417 2900
Facsimile: 021 417 2999

SIGNED ON BEHALF OF TENDERER:

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

C1.3 Occupational Health and Safety Agreement

AGREEMENT MADE AND ENTERED INTO BETWEEN THE CITY OF CAPE TOWN (HEREINAFTER CALLED THE "EMPLOYER") AND

.....
(Service Provider/Mandatory/Company/CC Name)

IN TERMS OF SECTION 37(2) OF THE OCCUPATIONAL HEALTH AND SAFETY ACT, 85 OF 1993 AS AMENDED.

I,, representing

SMEC SOUTH AFRICA (PTY) LTD, as an employer in its own right, do hereby undertake to ensure, as far as is reasonably practicable, that all work will be performed, and all equipment, machinery or plant used in such a manner as to comply with the provisions of the Occupational Health and Safety Act (OHSA) and the Regulations promulgated thereunder.

I furthermore confirm that I am/we are registered with the Compensation Commissioner and that all registration and assessment monies due to the Compensation Commissioner have been fully paid or that I/we are insured with an approved licensed compensation insurer.

COID ACT Registration Number: 990000221559

OR Compensation Insurer: Policy No.:

I undertake to appoint, where required, suitable competent persons, in writing, in terms of the requirements of OHSA and the Regulations and to charge him/them with the duty of ensuring that the provisions of OHSA and Regulations as well as the Council's Special Conditions of Contract, Way Leave, Lock-Out and Work Permit Procedures are adhered to as far as reasonably practicable.

I further undertake to ensure that any subcontractors employed by me will enter into an occupational health and safety agreement separately, and that such subcontractors comply with the conditions set.

I hereby declare that I have read and understand the appended Occupational Health and Safety Conditions and undertake to comply therewith at all times.

I hereby also undertake to comply with the Occupational Health and Safety Specification and Plan.

Signed at on the day of 20....

Witness

Mandatory

Signed at on the day of 20....

Witness

for and on behalf of
City of Cape Town

OCCUPATIONAL HEALTH AND SAFETY CONDITIONS

1. The Chief Executive Officer of the Service Provider shall assume the responsibility in terms of Section 16(1) of the Occupational Health and Safety Act (as amended). Should the Service Provider assign any duty in terms of Section 16(2), a copy of such assignment shall immediately be provided to the representative of the Employer as defined in the Contract.
2. All work performed on the Employer's premises shall be performed under the supervision of the construction supervisor who understand the hazards associated with any work that the Service Provider performs on the site in terms of Construction Regulations, 2014.
3. The Service Provider shall appoint a Competent Person who shall be trained on any occupational health and safety aspect pertaining to them or to the work that is to be performed.
4. The Service Provider shall ensure that he familiarises himself with the requirements of the Occupational Health and Safety Act and that he, his employees, and any sub-contractors, comply with them.
5. Discipline in the interests of occupational health and safety shall be strictly enforced.
6. Personal protective equipment shall be issued by the Service Provider as required and shall be worn at all times where necessary.
7. Written safe work procedures and appropriate precautionary measures shall be available and enforced, and all employees shall be made conversant with the contents of these practices.
8. No substandard equipment/machinery/articles or substances shall be used on the site.
9. All incidents referred to in terms of Section 24 of the Occupational Health and Safety Act shall be reported by the Service Provider to the Department of Labour and the Employer.
10. The Employer hereby obtains an interest in the issue of any formal inquiry conducted in terms of Section 32 of the Occupational Health and Safety Act and into any incident involving a Service Provider and/or his employees and/or his sub-contractor/s.
11. No use shall be made of any of the Employer's machinery / plant / equipment / substance / personal protective equipment or any other article without prior arrangement and written approval.
12. No alcohol or any other intoxicating substance shall be allowed on the site. Any person suspected of being under the influence of alcohol or any other intoxicating substance shall not be permitted access to, or allowed to remain on the site.
13. Prior to commencement of any work, verified copies of all documents mentioned in the agreement, must be presented to the Employer.
14. The Service Provider shall prepare and maintain a Health and Safety File in respect of the project, which shall be available for inspection on Site at all times and handed over to the Employer on Final Completion of the project.

Part C2: Pricing Data

C2.1 Pricing Assumptions.....	Pages 74-76
C2.2 Activity Schedule	77-79

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

C2.1 Pricing Assumptions

Pricing Assumptions mean the criteria as set out below, read together with all Parts of this contract document, which it will be assumed in the contract that the tenderer has taken into account when developing his prices.

1. The short descriptions given in the Activity Schedule below are brief descriptions used to identify the activities for which prices are required. Detailed descriptions of the activities to be priced are provided in the Scope of Work.
2. While it is entirely at the tenderer's discretion as regards pricing the Activity Schedule below, the 2014/15 Housing Subsidy Quantum of the Western Cape Provincial Government and the Guideline Scope of Tariff of Fees from the National Department of Human Settlements Directorate, detailing a cost breakdown for Subsidised Housing Policy Framework and Programme Guidelines is a useful document that will give tenderers some idea of industry norms against which they may compare their rates, sums, percentage fees and/or prices as applicable.
3. For the purpose of the Activity Schedule, the following words shall have the meanings hereby assigned to them:

Unit:	The unit of measurement for each item of work.
Quantity:	The number of units of work for each item.
Rate:	The agreed payment per unit of measurement.
Amount:	The product of the quantity and the agreed rate for an item.
Sum:	An agreed lump sum payment amount for an item, the extent of which is described in the Scope of Work, but the quantity of work which is not measured in any units.
Percentage Fee:	The agreed fee for a service, the extent of which is described in the Scope of Work, expressed as a percentage of a construction contract value or part thereof.
4. A rate, sum, percentage fee and/or price as applicable, is to be entered against each item in the Activity Schedule. An item against which no price or a nil rate is entered will be considered to be covered by the other prices or rates in the Activity Schedule.
5. The rates, sums, percentage fees and prices in the Activity Schedule are to be fully inclusive prices for the work described under the several items. Such prices and rates are to cover all costs and expenses that may be required in and for the execution of the work described in accordance with the provisions of the Scope of Work, and shall cover the cost of all general risks, liabilities, printing, travelling and obligations set forth or implied in the Contract Data, as well as overhead charges and profit. All rates shall include for all payments to administrative, clerical and secretarial staff used to support professional and technical staff.
6. Where quantities are given in the Activity Schedule, these are provisional and do not necessarily represent the actual amount of work to be done. The quantities of work accepted and certified for payment will be used for determining payments due and not the quantities given in the Activity Schedule.
7. The following table shall be used for proportioning the tendered basic fee for normal services, for each discipline, over the various stages of the services:

Civil Engineer: Stage of Services	Percentage points for each stage
Services report	5
Preliminary design	10
Approval of final design	20
Tender documentation & tendering	20
Construction site supervision	30
Completion certificates	5
Final completion certificate and hand-over	5

Submission of As-built drawings	5
Geo-Technical Engineer: Stage of Services	Percentage points for each stage
Preliminary Geotechnical Investigation Report	20
Phase 1 Geotechnical Investigation Report	30
USDG Funding Application Approval	20
Phase 2 Geotechnical Investigation	20
100 % Civil Engineering Services completion	10

Transport Engineer: Stage of Services	Percentage points for each stage
Environmental Pre-feasibility Scanning Report to identify risks	20
Environmental Scoping Report	20
Traffic Impact Study	20
Traffic Management Plan	20
Record of Decision	15
Final Approval	5

Electrical Engineer: Stage of Services	Percentage points for each stage
Preliminary design	10
Approval of final design	25
Tender documentation & tendering	20
Construction site supervision	30
Completion certificates	5
Final completion certificate and hand-over	5
Submission of As-built drawings	5

Clerk of Works Stage of Services	Percentage points for each stage
Establishment of Civils contractor on site	5
On-site monitoring and evaluation: Civils 25% completed	20
On-site monitoring and evaluation: Civils 50% completed	20
On-site monitoring and evaluation: Civils 75% completed	20
On-site monitoring and evaluation: Civils 100% completed	20
Attendance of project meetings and reporting	10
Final reconciliation report	5

Health & Safety Officer: Stage of Services	Percentage points for each stage
Risk assessment	5
Completion of Occupational Health & Safety Plan	20
Site inspections and monitoring	45
Auditing, reporting and meetings	30

"Close-Out" may be included under the Contract Administration and Inspection Stage of the Service, in which case the Service Provider will then be required, at the time of issue of the Certificate of Completion (to the Contractor) to claim the total fee (100%) for normal services, less a 5% retention amount of the total fee. The retention will be released on successful completion of the contractor's defects liability period.

8. All rates, sums, percentage fees or prices (as applicable) tendered in the Activity Schedule shall be final and binding and shall not be subject to any variation throughout the period of the contract. Should the subsidy values for professional services increase, such approved adjustments may be passed on to the service provider for work to be completed in consultation with the employer.
9. All disbursements shall be deemed to be included in the final rate submitted.
10. If the Service Provider considers it necessary to employ the services of the safety specialist in order to execute duties as the client's agent in terms of the Occupational Health and Safety Act, 85 of 1993 and the Construction Regulations, 2014, should the Employer accept the tender (Clause 7.2.1.3, Part C3.1 Scope of Work), the cost thereof must be included in the fee tendered for this aspect of the project.

11. All charges in respect of attendance at meetings (Clause 14, Part C3.1 Scope of Work) and the provision of secretarial services shall be included in the tendered rate. (Item No. 2.2 of the Activity Schedule).
12. Where fractions of a cent occur in calculations of prices and amounts, they shall be rounded up/down to the nearest whole cent.
13. Clause F.4.10(c) in Part T1.2 Tender Data shall be applicable to the submission of Activity Schedules which have been priced electronically, and which the Tenderer wishes to submit as a printed version with his/her tender in the place of handwritten priced Activity Schedules.

If there is found to be any variance between the printed version and the original issued document, the original shall stand. However, where Addenda have been issued which amend the Activity Schedule, then the printed Activity Schedule shall take these into account.

The pages of the issued Activity Schedule should not be removed from the tender document.

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

C2.2 Activity Schedule

While it is entirely at the tenderer's discretion as regards pricing the Activity Schedule below, the 2014/15 Housing Subsidy Quantum of the Western Cape Provincial Government and the Guideline Scope of Tariff of Fees from the National Department of Human Settlements detailing a cost breakdown for the Subsidy Housing Units Policy Framework and Programme Guidelines, is a useful document that will give tenderers some idea of low-cost housing industry norms against which they may compare their rates, sums, percentage fees and/or prices as applicable.

The Employer's objective of this tender is to obtain the required professional services to plan, design and implement the required infrastructure and related services for the provision of Integrated Human Settlement serviced, subsidised residential erven to the following 6* Projects:

Project Name	Estimated Number of Subsidised Residential Erven
Wolverivier	4500
ACSA Symphony Way	3000
Blueberry Hill	3500
Pelican Park Phase 2	2330
Vlakteplaas	4300
Drift Sands	2400

**The Employer reserves the right to change/replace the above-mentioned projects if deemed necessary. The Tenderer will be notified thereof if and when applicable.*

As it is the intention of the Employer to develop these Projects simultaneously over a period of 5 years, the Employer will be taking cognisance of the fact that a single team of Consultants will not be able to manage all the above projects.

Based upon the above, the Employer will be awarding the above projects amongst the highest ranking Tenderers. The ranking will be based upon Price and Preference of all responsive Tenderers.

It is brought to the attention of the tenderer that the rates inserted below will be fixed for the duration of the project. The final agreed fee would be based upon the number of subsidised residential erven realised on the project, for which the tenderer was appointed.

Taking cognisance of all of the above, Tenderers are required to complete the Activity Schedule below, based upon one (1) Subsidised Residential Erf.

Subject to the City's Bid Adjudication Committee approval, the highest ranking tenderers will then be awarded a contract base on the number of erven multiplied by the tendered rate to provide the applicable professional services, to at least one (1) of the 6 projects (refer to C3.1 Scope of Works). A 10% contingency will be added by the Employer to the total sum. The City however reserves the right to appoint successful tenderers to any one of the six projects based on their successful submission.

NORMAL SERVICES

a) Civil Engineer (The Tenderer)

Item 1:

R. 695 (fee per erf) = R. 695

Total R. 695

b) Geotechnical Engineer

Item 2:

R. 95 (fee per erf) = R. 95

Total R. 95

c) Transport/Traffic Engineer

Item 3

R. 40 (fee per erf) = R. 40

Total R. 40

d) Electrical Engineer

Item 4:

R. 400 (fee per erf) = R. 400

Total R. 400

e) Clerk of Works

Item 5:

R. 450 (fee per erf) = R. 450

Total R. 450

f) Health & Safety Officer

Item 6:

R. 55.00 (fee per erf) = R. 55.00

Total R. 55.00

(All rates submitted exclude VAT)

For the Tenderer:

Signature(s)

Name(s)

Capacity

(Name of organization/tenderer)

(Address of organization/tenderer)

Name and
signature
of witness

Date

For the Employer:

Signature(s)

Name(s)

Capacity

(Name and
address of
organization)

Name and
signature
of witness

Date

Confirmation of Receipt

The tenderer (now service provider), identified in the offer part of this agreement hereby confirms receipt from the employer, identified in the acceptance part of this agreement, of one fully completed original copy of this agreement, including the schedule of deviations (if any) today:

the 8(day)
of May(month)
2018(year)
at Cape Town(place)

For the Service Provider:

Signature [Signature]
Name Johan Hugo Bessop
Capacity Functional Manager

Signature and name of witness:

Signature [Signature]
Name

HUMAN SETTLEMENTS DIRECTORATE

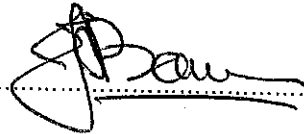
CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

I, the undersigned, do hereby declare that the above is a properly priced Activity Schedule forming part of this Contract Document upon which my/our tender for Tender No. 101C/2016/17: **PROVISION OF PROFESSIONAL PROJECT MANAGEMENT SERVICES TO PLAN, DESIGN AND MONITOR SUBSIDISED RESIDENTIAL DEVELOPMENTS ON VACANT LAND PARCELS WITHIN THE GREATER CAPE TOWN AREA** has been based. If I/we have submitted a printed version of the Activity Schedule, I/we warrant that no amendments have been made to it from the original, other than amendments issued in any Addenda in terms of Clause F.3.2 in Part T1.2 Tender Data.

With specific reference to the proposed ACSA Symphony Way development, being one of the land parcels, the appointed, tenderer will be required to submit a cost apportionment model differentiating between the proposed residential and proposed industrial development portions.'

SIGNED ON BEHALF OF THE TENDERER:



Part C3: Scope of Work

C3.1 Scope of Work	Pages 81-98
C3.2 Annexes.....	99-108

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN

C3.1 Scope of Work

CONTENTS

1. INTRODUCTION
2. DESCRIPTION OF THE SERVICES REQUIRED BACKGROUND
3. APPLICABLE NATIONAL AND INTERNATIONAL STANDARDS
4. APPROVALS
5. PROJECT BACKGROUND
6. USE OF REASONABLE SKILL AND CARE
7. BRIEF
8. REFERENCE DATA
9. PROCUREMENT
10. FORMAT OF COMMUNICATION
11. KEY PERSONNEL
12. MANAGEMENT MEETINGS
13. CLAIMS FOR PAYMENT
14. EMPLOYERS RIGHT TO RECOVER COSTS

1. INTRODUCTION

This invitation calls for the submission of a tender for the provision of professional consultants in the following disciplines: Civil; Geotechnical, Traffic/Transport and Electrical Engineering. The successful Tenderer will form part of a team of project professionals headed up by a Project Manager and to whom the Tenderer will directly report to. The employer's objective is to compile a team of professional consultants to plan, design and monitor the construction of civil and electrical infrastructure for various serviced residential erven, situated on six (6*) vacant sites in the following areas:

- g) Wolwerivier – approximately 4500 residential erven
- h) ACSA Symphony Way – approximately 3000 residential erven
- i) Blueberry Hill - approximately 3500 residential erven
- j) Vlakteplaas – approximately 4300 residential erven
- k) Pelican Park Phase 2 – approximately 2330 residential erven
- l) Driftsands – approximately 2400 residential erven

**The Employer reserves the right to change/replace the above-mentioned projects if deemed necessary. The Tenderer will be notified thereof if and when applicable.*

For the above projects, six individual tenders will be advertised for each of the key Professional Consultants. This tender is thus for the provision of Civil, Geotechnical, Transport/Traffic and Electrical Engineering Consultants only.

The five other tenders will include the following Consultants: A Project Management Professional; Town Planning and Urban Design Professionals; Social and Beneficiary Administration; Environmental and Heritage Professionals and a Land Surveying Professional.

The process for appointing of the Consultants for this tender will be as follows:

- All responsive tenders submitted for this tender will be evaluated and ranked based upon: Eligibility criteria; Quality/Functionality scoring and Price and Preference scoring.
- Subject to the City's Bid Adjudication Committee approval, the highest ranking tenderers will then be awarded a contract base on the number of erven multiplied by the tendered rate to provide the applicable professional services, to at least one (1) of the 6 projects mentioned above. A 10% contingency will be added by the Employer to the

total sum. The City however reserves the right to appoint successful tenderers to any one of the six projects based on their successful submission.

A professional Service provider is required to provide the professional services necessary to implement this project, which, in terms of the Municipal Finance Management Act, 2003 and the Municipal Supply Chain Management Regulations, 2005, must be procured through a competitive bidding process. The purpose of this document is therefore to invite tenders from suitably qualified and experienced consulting firms for Contract No 101C/2016/17: **PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING SERVICES TO PLAN, DESIGN AND MONITOR INTERGRATED HUMAN SETTLEMENT DEVELOPMENTS WITHIN THE CITY OF CAPE TOWN**, which will be evaluated using a financial offer and preferences based system as described in the tender data.

2. DESCRIPTION OF THE SERVICES REQUIRED

The Service Provider is required to provide the following services:

2.1 The Civil Engineer (lead consultant for this tender)

2.1.1 The Civil Engineer shall be responsible for the following:

Site Inspection, Pre-planning & Assessment of Existing Services

The Civil Engineer will give engineering input to the sub-divisional town planning exercise to optimise the use of existing services to the plots to assist in the selection of suitable development options and obtaining the necessary approvals. For this the Engineer will need to assess the bulk services capacities, assessment reports and development feasibilities of the site.

The professional team shall inspect the proposed sites to familiarize themselves with the nature of the sites and the conditions under which work (both the provision of professional services and construction work by others) will be executed.

The Employer will make arrangements to make all record drawings relating to the site available to the Engineer at no cost. However, it is the Engineers responsibility to locate, search through and collate all available data, drawings and plans necessary to provide the service required in terms of this contract. Any investigations required to corroborate the as-built information provided, shall be the responsibility of the Engineer and shall be allowed for in the fee tendered. Any specialist investigation required may only be carried out with the approval of the Employer and shall be paid for as a recoverable expense.

2.1.2 Preliminary Design

- The Engineer will give input to the design of the most cost effective town planning layout and draft a preliminary engineering services design according to approved City of Cape Town engineering service standards for the provision of the required water reticulation, sewer, roads and stormwater networks to all the proposed residential sites.
- The Engineer will ascertain the status and condition of existing engineering services and recommend any necessary repairs and rehabilitation.
- In this regard the Engineer will be required to prepare preliminary cost estimates for repairs and for various options for additional services prior to the finalization of the revised sub-divisional layout.
- The Engineer shall be responsible for all service enquiries, wayleave applications and obtaining the necessary authority or permission from the Service Authorities to carry out all work in terms of this project. All applications in this respect must be carried out timeously.

2.1.3 Final Design and Documentation

Upon the finalization and approval of the revised subdivisional layout, housing typologies and engineering servicing options, the Engineer shall finalize the civil services design and produce detail design drawings, specifications and the necessary tender documentation. A set of draft plans and draft tender/contract documents shall be submitted to the Employer for comment and approval prior to going out to tender. All drafts must be thoroughly checked by the Project Manager (to be appointed as part of separate tender) prior to submission. The tender/contract document shall be submitted to the Employer for checking at least two weeks prior to tenders being advertised. The Engineer shall supply the Employer with an electronic copy (on CD) of the tender/contract document once approved.

The Engineer shall be required to:

- Prepare design working drawings and tender documentation that will favour labour intensive construction methods in accordance with the Expanded Public Works Programme (EPWP).
- Obtain approval of the abovementioned designs by the Technical Project Committee and the relevant City of Cape Town engineering branches.

The construction contract document shall be prepared in the Construction Industry Development Board's (CIDB) format. The General Conditions of Contract shall be the General Conditions of Contract for Construction Works, 1st Edition 2004, published by the South African Institution of Civil Engineering. The Engineer shall liaise with the Employer during the preparation of the contract document to determine any other specific requirements that the Employer may have in this regard.

On approval of all Civil Engineering detail design drawings, two sets of paper prints must be submitted to the Employer for signature. One set will be kept by the Employer and the other returned to the Engineer. All other prints issued henceforth shall carry the words "Initial version signed on (date)" at the signature location in the title block.

The Engineer shall be responsible for providing the Employer with the required number of (hard) copies of their respective plans and tender documents for tender purposes.

2.1.4 Tender Stage

The Engineer shall be required to prepare and duplicate tender documentation, call for tenders, evaluate the tenders received, complete a tender report, and assist the Project Manager (not part of this tender) with the award of a contract to the successful tenderer.

2.1.5 Construction Management

The Engineer shall be required to:

- Prepare and maintain a Construction Programme in consultation with the Project Manager and awarded contractor to be agreed upon by all relevant parties.
- Deploy a competent and appropriately experienced Clerk of Works and sufficient support staff to monitor the quality of materials supplied and the quality of workmanship during the construction the construction of the works.
- Ensure adherence to all relevant EPWP construction methods and reporting requirements throughout the duration of the contract period.

On completion of the installation of the civil engineering services the Engineer shall issue a final completion certificate, certifying that all work has been installed as per the approved design and quality standards.

2.2 Geotechnical Engineer

2.2.1 The Geo-Technical Engineer shall be responsible for the following:

- Provide a Preliminary Geotechnical Site Investigation all in accordance with the requirements of the Generic Specification GFSH-2 of the National Department Human Settlements
- Provide a Phase 1 Geotechnical Site Investigation all in accordance with the requirements of the Generic Specification GFSH-2 of the National Department Human Settlements
- Provide a Phase 2 Geotechnical Site Investigation all in accordance with the requirements of the Generic Specification GFSH-2 of the National Department Human Settlements

2.3 Transport/Traffic Engineer

2.3.1 The Transport Engineer shall be responsible for the following:

- Provision of a Traffic Impact Assessment (TIA) and/or Traffic Impact Statement (TIS) as required, provide input into the Environmental Impact Assessment (EIA) and Land Use application process.

2.4 Electrical Engineer

2.4.1 The Electrical Engineer shall be responsible for the following:

- During the Investigation Phase, prepare an outline report, for use by the Town Planner, on the feasibility, at not unduly excessive cost, of providing bulk electrical power to the Project for the purposes of street lighting and the top-structures electrical supply services.
- During the Preliminary layout Phase, prepare a report containing detailed proposals and cost estimates for the provision of street lighting, internal electrical services and bulk supply provisions for which the supply authority is responsible.
- During the Design Phase, prepare designs, working drawings and tender documents for the installation of street lighting, any additional internal electrical services required and any bulk supply provisions for which the supply authority is responsible. Analyse the tenders received and make recommendations for the acceptance of tenders.
- During the Construction Phase provide a level 2 construction monitoring staff as described in Generic Specification GFSH-8 of The National Department of HUMAN SETTLEMENTS DIRECTORATE.

The Scope of Work includes the design, documentation, construction supervision and administration of the electrical reticulation for the housing project

2.5 Clerk of Works (Civils) (Appointed by and reports to the Civil Engineer)

2.5.1 The Clerk of Works (Civils) shall inter-alia be responsible for the following:

- Performs any duties and responsibilities assigned to him by the Civil Engineer
- Ensure that the work being constructed conforms to the minimum specifications and standards.
- Ensure that all required testing is carried out and approved.
- Ensure Contractor is compliant in terms of the EPWP.
- Ensure Contractor is compliant regarding local Labour and local Sub-contractor obligations
- Liaises with all other Government Department and NHBRC Inspectors
- Provide a monthly report regarding Progress, Quality, Local Labour and Local Sub-contractors on site, for discussion at the monthly Site Meetings.

3. APPLICABLE NATIONAL AND INTERNATIONAL STANDARDS

The Service Provider shall take cognisance of, and adhere to, all applicable national and international standards in the execution of his own work and when compiling specifications for construction works. International standards should only be used where no national standards exist, or where it is the norm to use or refer to international standards.

4. APPROVALS

The Service Provider shall be responsible for obtaining the following approvals:

- (a) Approval of the implementation programme from the Employer,
- (b) Approval of the conceptual and preliminary designs from the Employer,
- (c) Approval of the detail design, drawings and contract document from the Employer,
- (d) Wayleave approval from all service authorities,
- (e) Approval of the accommodation of traffic plans from the Traffic Manager,
- (f) Project Enrolment from the NHBRC.
- (g) Approval of the Clerk of Works from the Employer,
- (h) In respect of time based services, approval of the allocation of staff from the Employer.
- (i) Approval for the employment of specialist sub-consultants from the Employer.

Notwithstanding any approval received from the Employer, the Service Provider shall remain responsible for all work carried out by the Service Provider in terms of this contract.

5. PROJECT BACKGROUND

The services required in terms of this brief extend mainly towards civil, geotechnical, transport and electrical design, approvals, compilation of tender documentation, procurement and monitoring of the construction of the infrastructure services, the provision of serviced even pertaining to the six (6) vacant land parcels.

The services to be provided in terms of this contract are inextricably linked to the Employer's three-year capital budget, and it should be noted that while the Employer has every intention of completing the full Scope of Work making full use of the budget allocation, the Employer's budget is subject to periodic review. Should it become necessary to vary the scope of work or even suspend or terminate this contract, such variation, suspension or termination shall be dealt with in accordance with the provisions of the Standard Professional Services Contract as amended by the Contract Data.

An overview of each of the proposed six (6) projects are listed below:

5.1 Wolwerivier – Proposed Residential Development

5.1.1 Geographical location:

The site is located approximately 20-30km north of Cape Town CBD, approximately 6km east of Melkbostrand in the northern part of Cape Town, approximately 16km south of Atlantis and adjacent to Morning Star small holdings. It is situated west of the N7, south of the M19 and on the west of the R304. The site is bordered by Old Mamre Road to the east and by a railway line to the west

The site is largely vacant with some dwelling units on site (small informal farming community). It was historically used for agricultural purposes. 6ha of the northern part of the site is currently being developed as an IDA for the relocation of informal settlers from the Vissershok land disposal site.

Surrounding area: Predominantly undeveloped, agricultural land and small holdings. The surrounding uses include the following:

- o North: Agricultural land (proposed Communicare development)
- o West: Agricultural land.
- o South: Morning Star small holding area (middle to high income range).
- o East: Agricultural land.

Whilst the site is surrounded by largely undeveloped land it is in relative close proximity to other established residential areas and areas of employment.

5.1.2 Property Description:

Property	Title Deed	Extent (ha)	Ownership
Cape Farm 101, Portion 5, also known as Wolwerivier	T23525/2010	165	City of Cape Town
Total		165 ha	

5.1.3 Envisaged land use configuration:

Although being identified as a incremental housing project, every effort must be made to ensure an integrated (land use, biophysical, infrastructure) and sustainable (urban amenities, economic opportunities, transport) human settlement.

The development of Wolwerivier will require the provision of the necessary community facilities for approximately **4500 households**. The ultimate facilities required but not limited to include:

- 2 Primary Schools
- 2 High Schools
- 1 community park
- Sports Ground
- Primary Healthcare Facility

5.1.4 Sub-council:

The sites fall in the jurisdiction of the City of Cape Town within the Blaauwberg district Subcouncil 1, Cape Farm

5.2 ACSA Symphony Way Joint Venture – Proposed Development

5.2.1 Geographical location:

Within a Metropolitan context the proposed application area is located directly alongside the Cape Town International Airport (CTIA). The following properties are included in this development;

- o Erf 24019, Cape Town
- o Portion 12 of Farm 508, Cape Town
- o Portion of Erf 173970, Cape Town
- o Remainder Erf 1, Delft
- o Portion of Erf 17470, Bellville
- o Erf 17493, Bellville

Within a local context a portion of the application area abuts the CTIA on the western boundary. The remainder of the application area is located adjacent to the eastern boundary of the CTIA on the corner of Symphony Way and Stellenbosch Arterial.

5.2.2 Property Description:

Property	Extent (ha)	Ownership*	Proposed use
Erf 24019, Cape Town	±24.9ha	Provincial Government Western Cape	Residential
Portion 12 of Farm 508	±64.46ha	Provincial Government Western Cape	Residential
		Provincial Government Western Cape	Industrial
Portion of Erf 173970, Cape Town	±4.04ha	Airports Company South Africa	Residential
Remainder Erf 1 Delft	±15.1ha	City of Cape Town	Industrial
Portion of Erf 17470, Bellville	±16.2ha	City of Cape Town	Ecological Use
Erf 17493, Bellville	±25ha	City of Cape Town	Ecological Use

**The proposed application area is currently subject to a subdivision and land acquisition process. Pending the outcome of this process the proposed land uses will be in line with the ownership.*

5.2.3 Envisaged land use configuration:

The proposed ACSA Symphony Way housing development forms part of a joint venture between the City of Cape Town (CCT) and Airports Company South Africa (ACSA). A signed Memorandum of Agreement (MOA) between the aforementioned parties stipulates the proposed outcomes of this development;

- i. To provide human settlement opportunities for three informal settlements these being: Malawi Camp, Freedom Farm and Delft Symphony Way TRA (Blikkiesdorp).
- ii. To allow ACSA to cater for the increased traffic growth by means of aeronautical expansion, including the realignment of the existing runway and ultimately the development of a second paralleled runway as well as industrial development.

Provision must be made for a variety of land uses with the main emphasis on high density residential opportunities as well as Industrial development. It is estimated that approximately 3 000 residential opportunities could be created. In this regard, the residential layout needs to be flexible to accommodate a variety of typologies which may include:

- o Site and service erven;

- o Double storey row units;
- o Double and single story semi-detached units;
- o Double and single storey free standing units.

Pending a detail land use investigation other designated land uses could include community facilities, public open spaces, commercial, retail and service industry to provide for future employment opportunities. All land uses must comply with the minimum norms and standards of the Provincial Government Western Cape as well as the City of Cape Town Municipality.

In total, the residential portion of this development will be approximately 54.8ha and the industrial portion approximately 51.1ha.

5.2.4 Sub-council:

These sites fall in the jurisdiction of the City of Cape Town Municipality within Sub-council 5, Delft.

5.3 Blue Berry Hill – Residential Development

5.3.1 Geographical location:

Within a Metropolitan context the application site is located north of the N2 and east of the R300 within the Eersteriver area. The proposed development consists of the following property:

- o Erf 1901, Blue Downs

Within a local context the site is located between Eersteriver and Blue Downs Way and directly north of Forrest Drive.

5.3.2 Property Description:

Property	Title Deed	Extent (ha)	Ownership
Erf 1901, Blue Downs	T47238/1987 (T23731/2014) TBC	± 70 ha	City of Cape Town

5.3.3 Envisaged land use configuration:

Erf 1901, Blue Downs previously formed part of a joint venture between the Provincial Government of the Western Cape and ABSA/Standard Bank with the vision to develop the property for housing purposes. In order to authorise this housing development an environmental impact assessment application was submitted at the Department of Environmental Affairs and Development Planning (DEA&DP) in 2008. Pending this application, a land use application was lodged at the City of Cape Town in 2010, the aforesaid application was subsequently withdrawn.

A Record of Decision (ROD) was issued by DEA&DP on 27 March 2012, which authorised the development for 2 547 residential erven consisting of 1 516 FLISP (Financially Linked Individual Subsidy Program) erven, 1 481 market related erven and 370 full subsidy opportunities. The land use application was thereafter withdrawn since the private banks indicated that the development would not be financially viable due to the high bulk infrastructure costs.

Subsequently, the property was transferred to the City of Cape Town in May 2014 with the intent for human settlement development.

The new land use proposal should address the housing mix composition in order to allow for a variety of housing opportunities, the following land use composition is proposed:

- o FLISP: Between 20% to 30%
- o BNG: Between 40% to 50%
- o Incremental Housing: Between 15% to 20%;

Although being identified as a subsidized housing project, every effort must be made to ensure an integrated and sustainable human settlement development. Provision must be made for a variety of land uses with the main emphasis on high density residential opportunities. It is estimated that approximately 3 500 residential opportunities could be created. In this regard, the layout needs to be flexible to accommodate a variety of typologies which may include:

- o Site and service erven;
- o Double storey row units;
- o Double and single story semi-detached units;
- o Double and single storey free standing units.

Other designated land uses could include community facilities, public open spaces, commercial, retail and service industry to provide for future employment opportunities. All land uses must comply with the minimum norms and standards of the Provincial Government Western Cape as well as the City of Cape Town Municipality.

5.3.4 Sub-council:

The application area falls within the jurisdiction of the City of Cape Town Municipality located within the Eersteriver district Sub-council 21, Blue Downs.

5.4 Vlakke Plaas - Residential Development

5.4.1 Geographical location:

The Vlakkeplaas Housing project is located within the Helderberg area, south of the T2 (known as the existing N2 national road), between the Strand and Gordon's Bay. The proposed development will include the following properties:

- o Erf 34413, the Strand
- o Erf 34412, the Strand
- o Remainder Erf 5092, the Strand
- o Portion 183 of the Farm 918, Stellenbosch Farms
- o Erf 5540, the Strand

Within a local context the sites are situated in the Broadlands area which is characterised by land uses ranging from industrial developments, residential areas, informal residential areas and agricultural activities. The majority of the sites are located between the T2 (known as the N2 national road) and the proposed new realigned N2 road reserve. Only Erf 5540, Strand is located south of the said road reserve, adjacent to the cemetery.

5.4.2 Property Description:

Property	Title Deed	Extent (m ²)	Ownership
Erf 34413, the Strand	T57027/2008	158 790,70	City of Cape Town
Erf 34412, the Strand	T57027/2008	110 150,27	City of Cape Town
Rem Erf 5092, the Strand	T69610/2011	457 749,61	City of Cape Town
Portion 183 of the Farm 918, Stellenbosch Farms	T34874/2014	509 127,06	City of Cape Town
Erf 5540, the Strand	T40161/2013	90 578,35	City of Cape Town
Total		1326 395,99 (±133ha)	

5.4.3 Envisaged land use configuration:

Although being identified as a subsidised housing project, every effort must be made to ensure an integrated (land use, biophysical, infrastructure) and sustainable (urban amenities, economic opportunities, transport) human settlement. Provision must be made for a variety of land uses with the main emphasis on high density residential opportunities. It is estimated that approximately 4300 residential opportunities could be created. In this regard, the layout needs to be flexible to accommodate a variety of typologies which may include:

- o Site and service erven;
- o Double storey row units;

- o Double and single story semi-detached units;
- o Double and single storey free standing units.

Other designated land uses could include community facilities, public open spaces, commercial / retail/service industry to provide for future employment opportunities. The provision of GAP units should also be considered if needed. All land uses must comply with the minimum standards of the Provincial Government as well as the City of Cape Town.

5.4.4 Sub-council:

The sites fall in the jurisdiction of the City of Cape Town within the Heldberg district Subcouncil 8, Strand

5.5. Pelican Park Phase 2 Housing Development

5.5.1 Geographical location:

The Pelican Park Phase 2 site is area is south of Pelican Park and west of Peacock Close. The southern boundary abuts land to be alienated to False Bay Ecology Park. The proposed development will include the following properties:

- o Remainder Erf 829, Pelican Park
- o Erf 974, Pelican Park

The overall property in which Phase 2 resides, comprises approximately 380 hectares of land between Pelican Park and land to be alienated to the False Bay Ecology Park, and between Zeekoevlei and Cape Flats Waste Water Treatment Works in the west and Strandfontein Road to the east

5.5.2 Property Description :

Property	Title Deed	Extent (m ²)	Ownership
Erf 829 RE	TBC	TBC	City of Cape Town
Erf 974	T 51679/1988	119 738.83 m ²	City of Cape Town
Total		TBC	

5.5.3 Envisaged land use configuration

Although being identified as a subsidised housing project, every effort must be made to ensure an integrated (land use, biophysical, infrastructure) and sustainable (urban amenities, economic opportunities, transport) human settlement. Provision must be made for a variety of land uses with the main emphasis on high density residential opportunities. It is estimated that approximately 2330 residential opportunities could be created. In this regard, the layout needs to be flexible to accommodate a variety of typologies which may include:

- Site and service erven;
- o Double storey row units;
- o Double and single story semi-detached units;
- o Double and single storey free standing units.

Other designated land uses could include community facilities, public open spaces, commercial / retail/service industry to provide for future employment opportunities. The provision of GAP units should also be considered if needed. All land uses must comply with the minimum standards of the Provincial Government as well as the City of Cape Town.

5.5.4 Subcouncil:

The sites fall in the jurisdiction of the City of Cape Town within the Southern district in Subcouncil 19, Fishoek.

5.6 Driftsands – Residential Development

5.6.1 Geographical location:

Contract

Part C3: Scope of Work

Reference No. 101C/2016/17

The proposed development sites are located within the Blue Downs area. Within a regional context, the application sites are located north of the N2 and east of the R300. The proposed development consists of the following properties:

- Portion 83 of the Farm 544, Driftsands Farm
- Portion 84 of the Farm 544, Driftsands Farm
- Portion 85 of the Farm 544, Driftsands Farm
- Farm No.1548
- Portion 87 of the Farm 544, Driftsands Farm
- Farm No.1549
- Portion 61 of the Farm 544, Driftsands Farm
- Portion 64 of the Farm 544, Driftsands Farm

Within a local context the sites are situated in the Driftsands Nature Reserve which is characterized by land uses ranging from educational center, residential areas, informal residential areas and the nature reserve. The majority of the sites about the nature reserve perimeters.

5.6.2 Property Description:

Property	Extent (m ²)	Ownership
Erf 544, portion 83	394,909.06m ²	Provincial Government Western Cape
Erf 544, portion 84	142,914.34m ²	Provincial Government Western Cape
Erf 544, portion 85	71,973.66m ²	Provincial Government Western Cape
Farm 1548	8,917.52m ²	Provincial Government Western Cape
Erf 544, portion 87	13,752.24m ²	Provincial Government Western Cape
Farm no. 1549	TBC	TBC
Erf 544, portion 61	216,398.70m ²	Medical Research Council
Erf 544, portion 64	TBC	TBC

5.6.3 Envisaged land use configuration:

Although being identified as a subsidised housing project, every effort must be made to ensure an integrated (land use, biophysical, infrastructure) and sustainable (urban amenities, economic opportunities, transport) human settlement. Provision must be made for a variety of land uses with the main emphasis on high density residential opportunities. It is estimated that approximately 2400 residential opportunities could be created. In this regard, the layout needs to be flexible to accommodate a variety of typologies which may include:

- Site and service erven;
- Double storey row units;
- Double and single story semi-detached units;
- Double and single storey free standing units.

Other designated land uses could include community facilities, public open spaces, commercial, retail/service industry to provide for future employment opportunities. The provision of FLISP/GAP units should also be considered if needed. All land uses must comply with the minimum standards of the Provincial Government as well as the City of Cape Town.

5.6.4 Sub-council:

The application area falls within the jurisdiction of the City of Cape Town Municipality located within the Sub-council 21 district, Blue Downs.

The services to be provided in terms of this contract are inextricably linked to the Employer's three-year capital budget, and it should be noted that while the Employer has every intention of completing the full Scope of Work making full use of the budget allocation, the Employer's budget is subject to periodic

review. Should it become necessary to vary the scope of work or even suspend or terminate this contract, such variation, suspension or termination shall be dealt with in accordance with the provisions of the Standard Professional Services Contract as amended by the Contract Data

6. USE OF REASONABLE SKILL AND CARE

The Service Providers' attention is drawn to the fact that certain of the proposed housing developments will be constructed on existing parcels of vacant land within an existing township. Safety of persons and property is of paramount importance, closely followed by the minimisation of disruption and inconvenience to the nearby residence and general public.

The Service Provider is therefore required to provide all aspects of the Service with all reasonable care, diligence and skill in accordance with generally accepted professional techniques and standards.

7. BRIEF

7.1 Terms of Reference

The purpose of this tender is to procure the professional services necessary to implement the Employers objective of providing the required civil and electrical infrastructure and serviced erven for approximately 20 000 BNG subsidised housing units, on six (6) vacant land parcels, being Wolwerivier, Blueberry Hill; ACSA Symphony Way; Vlakke Plaas, Pelican Park Phase 2 and Drift Sands

The engineering services to be provided in terms of this contract include, inter alia, the Planning, Studies, Investigations and Assessments, Normal Services and Additional Services as broadly described in the relevant sections of Board Notice 206 of 2011: Guideline Scope of Services and Tariff of Fees for Persons Registered in terms of the Engineering Profession Act, 2000 (Act No 46 of 2000), published in Government Gazette No 34875, 20 December 2011, as amended or amplified by the specific requirements below. If there is any conflict between the Specific Requirements and the Guideline Scope of Services document referred to above, the Specific Requirements shall take precedence.

The Service Provider will furthermore be required to procure, on instruction from the Employer, any other specialist services as may be required for the successful implementation of this project, in terms of a sub-consultancy or sub-contract agreement.

7.2 Planning, Studies, Investigations and Assessments

The Service Provider shall carry out all of the studies and investigations necessary to determine the feasibility of constructing the infrastructure and housing in the locations proposed and shall submit a preliminary report on the technical and financial feasibility of the project together with preliminary proposals in this regard.

Public and stakeholder participation (especially with the Parks, Water, Sewer, Stormwater and Electrical services authorities) will be an important part of this phase of the project, and the Service Provider shall ensure that key personnel are available to attend community and stakeholder meetings as necessary.

The cost of Planning, Studies, Investigations and Assessments shall be priced into the basic fee for the professional engineering services required, which include the fee for normal services as described below (Item No 1.1: C2.2 Activity Schedule refers).

7.2.1 Normal Services

Stage 1 – Inception

The Service Provider shall provide those services as described in the relevant section of Board Notice 190 of 2010: Guideline Scope of Services and Tariff of Fees, as are necessary to establish the Employers requirements and preferences assess user needs and options and confirm the project brief moving forward.

Ongoing public and stakeholder participation will be required during this stage of the project.

Stage 2 - Concept and Viability (Preliminary Design)

The Service Provider shall, in conjunction with the other Consultants, provide those services necessary for the development of a concept design, for both the Civil and electrical infrastructures and housing typologies, for submission to the Employer and other relevant authorities for approval.

The preliminary proposal shall take cognisance of including possible business, POS, and other community facilities within this development and shall ensure that the proposed new facilities are integrated into these developments.

Further consultation with public and stakeholder groups will be required at this stage of the project.

The Service Provider shall submit a conceptual design report to the Employer for comment and approval, including details of investigations and studies undertaken, concept development and rationale, outline specifications and recommendations.

Stage 3 - Design Development (Detail Design)

The Service Provider shall, in conjunction with the other Consultants, provide those services necessary to finalise the design, specifications, cost plan, financial viability and programme for the project, and shall co-ordinate the input from all members of the professional team in this regard.

The Service Provider shall be responsible for all service enquiries, wayleave applications and obtaining the necessary authority or permission from the relevant service authorities to carry out all work in terms of this project. All applications in this respect must be carried out timeously.

The design development shall take cognisance of all design requirements as may be imposed by the Services Authorities, or any other authority whose services are impacted upon by the proposed development.

A set of draft plans/drawings shall be submitted to both the Employer and services authorities for comment and approval prior to going out to tender. All plans must be thoroughly checked by the Service Provider's project leader prior to submission. On approval of the detail design drawings, two sets of paper prints must be submitted to the Employer for signature. One set will be kept by the Employer and the other returned to the Service Provider. All other prints issued henceforth shall carry the words "Initial version signed on (date)" at the signature location in the title block.

The Service Provider shall prepare any further plans, designs and drawings (over and above the tender drawings), which may be necessary for the execution of the works. The preparation of any shop drawings required for manufacture and installation, or the detailed checking of such, where prepared and submitted by the construction contractor, shall for part of the normal services to be provided by the Service Provider.

Stage 4 - Documentation and Procurement

The Service Provider shall, in conjunction with the other Consultants, provide those services necessary for the preparation of procurement documentation, advertising of tenders, and the evaluation of tenders received. The service Provider shall confirm the Employer's procurement (Supply Chain Management) policies and procedures prior to the preparation of any procurement documentation.

The construction contract document shall be prepared in the Construction Industry Development Board's (CIDB) format. The General Conditions of Contract shall be the General Conditions of Contract for Construction Works, 2nd Edition 2010, published by the South African Institution of Civil Engineering. The Service Provider shall liaise with the Employer during the preparation of the contract document to determine any other specific requirements that the Employer may have in this regard.

The Service Provider shall ensure that all of the requirements, limitations and/or restrictions on construction as may be imposed by the Services Authorities are incorporated into the specification and that, where necessary, tenderers are given the opportunity to price for the impact of such requirements/limitations/restrictions.

Specifications shall include, inter alia, a Health and Safety Specification, and an Environmental Management Plan.

The Service Provider should note that it is the Employer's preference that all payment items be measured out in the Bills of Quantities, as opposed to the use of provisional sums or prime cost items.

Should provisional sums or prime cost items of greater value than R200 000 (incl. VAT) be included in the Bills of Materials, the Service Provider will be expected to follow an open competitive process in respect of these items, on behalf of the contractor. This will include the preparation of a tender document, advertising and receiving tenders, and evaluating same on behalf of the contractor, at no extra cost to the Employer.

It is furthermore noted that the creation of employment within the communities adjacent to the sites of the proposed housing development is an important consideration and wherever practicable labour intensive technologies shall be incorporated into the design and specified in the contract document. The Service Provider shall establish the requirements of the Employer in this regard.

The Service Provider shall attend a Bid Specification Committee meeting prior to the finalisation of the contract document and the advertising of tenders. All comments of the committee shall be incorporated into the final contract documents. A draft contract document shall be submitted to the Employer for scrutiny at least one week prior to the Bid Specification Committee meeting taking place.

Once the contract document has been finalised, the Service Provider shall supply the Employer with an electronic copy of the document.

The Service Provider shall be responsible for providing the Employer with the required number of copies of plans and tender documents for tender purposes (both hard copy and on compact disc).

The Service Provider shall, during the tender period, attend and preside over a tender clarification meeting, and respond to all queries received during this period.

Once tenders close, the Service Provider shall evaluate all valid tenders received and shall prepare a tender evaluation report (which shall include a recommendation) for consideration by the Employer's Bid Evaluation Committee (BEC). The Service Provider shall present his evaluation to the BEC, respond to any queries the committee may raise, and follow up on any issues requiring the Service Provider's attention/action.

Once approved by the Employer, the Service Provider shall facilitate the signing up of the construction contract.

Stage 5 – Contract Administration and Inspection

The Service Provider shall, in conjunction with the other Consultants, provide those services as required to manage, administer and monitor the construction contract, including co-ordination of the inspection of the works by the other members of the professional team as and when necessary.

The service to be provided shall include, where necessary the detailed checking of shop drawings prepared by the contractor for manufacture and installation.

The Service Provider shall also, in particular, ensure that all payment certificates, preferential procurement and labour returns, and contract participation expenditure reports are timeously submitted.

Stage 6 – Close-Out

The Service Provider shall complete the project close-out as described in the guideline scope of services.

As-built plans/drawings shall be submitted to the Employer in electronic format (preferably .dwg, otherwise .dxf) as well as one complete set of paper prints.

The Service Provider shall also compile a project close-out report for submission to the Employer, which includes, *inter alia*, technical details of the project, the project team, project cost, completion dates, construction details and design changes, delays and the reasons thereof, problems encountered and the solution thereof, conclusions and recommendations.

7.2.2 Additional Services

Service Enquiries/Wayleave Applications

The Service Provider shall, in conjunction with the other Consultants, be responsible for all initial service enquiries/wayleave applications from the services authorities, the requirements of whom shall be carried through into the designs and tender documentation as necessary.

Targeted Procurement

The Service Provider shall provide all services related to targeted procurement in respect of the construction contract including, but not limited to, incorporation of targeted participation goals, the measuring of key participation indicators, auditing compliance by the construction contractor

Act as Leader of the Professional Team

The Service Provider shall assume leadership of the professional team (pertaining to this tender) and be responsible for the overall administration, co-ordination, programming of design and financial control of all works included in the services. The tenderer will be required to report directly to the appointed external Project Manager on each Project.

Construction Monitoring

Construction monitoring is considered to be a vitally important part of this project, requiring the full time input of an experienced individual (Clerk of Works) site. For this reason, it is specified that a level 4 construction monitoring service (as per the Guideline Scope of Services document referred to above) must be provided by the Civil Engineer appointed for each project

Act as the Employer's agent in terms of the Occupational Health and Safety Act

The Service Provider, in submitting a tender for this professional services contract, shall be deemed to have acknowledged acceptance of the appointment as the client's agent in terms of the Occupational Health and Safety Act, 1993 (Act No 85 of 1993) and the Construction Regulations, 2003, should the Employer accept the tender. The Service Provider shall, as such, execute all of the duties of the client as contemplated in the Construction Regulations.

The Employer considers it necessary to employ the services of a safety specialist in order to execute the abovementioned duties, the cost thereof must be included in the fee tendered for this aspect of the project.

The Service Provider's attention is also drawn to the responsibilities of the designer of a structure in terms of the Construction Regulations, and shall comply with all requirements in this regard.

The Service Provider shall, apart from conducting his own activities in compliance with the Occupational Health and Safety Act, 1993 (Act No 85 of 1993) and Construction Regulations, 2003, ensure that any sub-consultants/sub-contractors employed by the Service Provider also comply with the requirements of the Act and Regulations. The Service Provider shall enter into an agreement with the Employer in this regard before the commencement of any work related to this contract (Form C1.3, Part C1, refers).

7.3 Time Frames/Milestones

Milestones set by the Employer typically revolve around budget cycles and the need to spend the budget in any given financial year. The important milestones are therefore the financial year ends (30 June each year) and the Service Provider will be expected to establish a project programme, in consultation with the Employer and the other Consultants that takes cognisance of the budgets available and the budget cycles. Once agreed, the Service Provider is expected to ensure that the programme is adhered to, and to intervene timeously if necessary. For this project we have estimated a time period not exceeding 60 months, from the date of appointment to works completion.

The Service Provider shall submit a revised programme as and when required by the Employer.

7.4 Places for the Performance of Specific Tasks

It is anticipated that the majority of the work involved in the reporting, preliminary design and detail design and tender stages will be undertaken at the Service Provider's local office. The construction monitoring service will take place at the site of the project.

The Service Providers personnel will however be required to attend meetings elsewhere in the Cape metropolitan area as and when required, and it may be necessary to carry out inspections at the contractor's (or sub-contractor's) yard(s) wherever they may be.

7.5 Reporting Requirements

Aside from the three particular reports required in terms of the brief above (the Conceptual Planning Report, Tender Evaluation Report and Project Close-Out Report), the Service Provider will be required to prepare and submit a monthly Management Report which addresses all matters pertaining to the Project.

Furthermore, the Service Provider shall submit monthly cost reports to the Employer showing expenditure in respect of both the Service Provider's appointment and the construction contractor's contract, together with the anticipated spend to the end of the financial year in question.

The Conceptual Planning Report shall be submitted within the time frames agreed to by the Employer.

The Tender Evaluation Report shall be submitted to the Employer within two weeks of tenders for the construction works having been received.

A preliminary Project Close-Out Report shall be submitted to the Employer within three months of the Certificate of Completion having been issued, which shall be updated as necessary and re-submitted within three months of the issue of the Final Approval Certificate.

8. REFERENCE DATA

All relevant information pertaining to the various projects depicted in this tender will be made available to the appointed Service Provider for reference purposes.

9. PROCUREMENT

9.1 Preferential Procurement

The works shall be executed in accordance with the conditions associated with the granting of preferences detailed in Schedule 19: Preferencing Schedule where preferences are granted in respect of B-BBEE contribution. In particular, the Service Provider may not sub-contract more than 25% of the value of the contract (as defined in Schedule 19) to sub-contractors that do not have an equal or higher B-BBEE status level than the Service Provider, unless the sub-contractors are exempted micro enterprises that have the capability and ability to execute the sub-contract works.

For the purposes of this contract, the term "sub-contractor" (used in the context of sub-contracting to the Service Provider) shall include all sub-consultants employed by the Service Provider.

A financial penalty, as described in Schedule 19, shall be applied in the event that the Service Provider sub-contracts more than 25% of the value of the contract to sub-contractors that do not qualify for at least the preference points that the Service Provider qualified for (unless proven to be beyond the control of the Contractor, or the sub-contractors are exempted micro enterprises).

Notwithstanding the application of penalties, the Service Provider's attention is drawn to other sanctions that may be applied by the Employer (listed in Schedule 19) with due consideration to the circumstances.

9.2 Monitoring the use of sub-contractors/sub-consultants

In order to ensure that not more than 25% of the value of the contract is not sub-contracted to sub-contractors that do not qualify for at least the preference points that the Service Provider qualified for, the Service Provider shall submit to the Employer, as and when required, a B-BBEE Sub-contract Expenditure Report. The format of this report is provided in Annex 1 attached.

The Service Provider shall submit to the Employer documentary evidence (either an original valid B-BBEE status level verification certificate in terms of the Construction Sector Charter on Black Economic Empowerment, or an Exempted Micro Enterprise certificate issued by a registered auditor, accounting officer (as contemplated in section 60(4) of the Close Corporation Act, 1984 (Act No. 69 of 1984)) or an accredited verification agency, or certified copies thereof) in terms of the Preferential Procurement Regulations, 2011) of the B-BBEE status level of every sub-contractor employed by the Service Provider. Until such time as documentary evidence as described above has been submitted to the Employer, a sub-contractor shall be deemed to be a non-compliant contributor.

The Service Provider shall furthermore, on the written request of the Employer, provide documentary evidence showing the value of work sub-contracted to any or all of the sub-contractors employed by the Service Provider.

10. **FORMAT OF COMMUNICATION**

All requests for formal approval from the Employer, or any other body, shall be submitted in writing in hardcopy format. Interim payment claims shall be submitted in the same format, accompanied by an original tax invoice. Ad-hoc communication between the Employer and the Service Provider may be conducted per facsimile or in electronic format (e-mail).

All plans and contract documents submitted for approval shall be in hardcopy format.

11. **KEY PERSONNEL**

The Service Provider shall maintain the involvement of the following key personnel as the exigencies of this contract require:

- a) A ECSA registered **Professional Civil Engineer (The Tenderer)** with at least 5 (five) years verifiable post graduate experience in the design and construction of affordable housing development and possesses a NQF 7 EPWP certification (Labour Intensive Construction Methodology), who will be responsible for all civil infrastructure, planning, design and implementation work carried out in terms of this tender.
- b) A ECSA registered **Professional Geotechnical Engineer** with at least 5 (five) years' experience who has the necessary experience and training to undertake geotechnical engineering work in relation to housing developments.
- c) A ECSA registered **Professional Transport/Traffic Engineer**, with at least 5 (five) years verifiable post graduate experience in Traffic Impact Assessments, who will be responsible for all such work carried out in terms of this tender.
- d) A ECSA registered **Electrical Engineer** with at least 5 (five) years verifiable post graduate experience in subsidy housing developments regarding electrical infrastructure planning, design and implementation and who will be responsible for all work carried out in terms of this tender.
- e) A **Clerk of Works (Civil)** with at least 7 (seven) years verifiable post graduate experience in construction site supervision of the construction of low-cost housing and related infrastructure, and possesses a NQF 5 EPWP certification (Labour Intensive Construction Methodology) who will be responsible for all on-site construction activities (incl. quality assurance) in terms of this tender.
- f) A registered **Health & Safety Officer/Specialist** with at least 5 (five) years verifiable post graduate/registration experience in residential construction sites, who will be responsible for all health & safety planning and assurance work carried out in terms of this tender. Proof of application submitted to the relevant official bodies and/or SACPCMP registration is requested.

Where required, the professional registration numbers of the key personnel must be indicated on **Schedule 9, Part T2.2: Returnable Schedules**. The *curriculum vitae* of all key personnel (including sub-consultants), must be submitted with the tender submission, appended to **Schedule**

9, Part T2.2: Returnable Schedules. Key personnel will be expected to operate out of the local office, as the exigencies of this project require.

All the professionals must currently be registered with their respective professional bodies, e.g. Engineering Council of South Africa. The registration numbers of these individuals must be indicated on Schedule 9, Part T2.2: Returnable Schedules. The Curriculum Vitae and proof of registration of all key personnel (including sub-consultants), must be submitted with the tender submission, appended to Schedule 9. Key personnel will be expected to operate out of the local office, as the exigencies of this project require.

Should it become necessary to replace any of the key personnel listed at the time of tender during the course of this contract, they may only be replaced by individuals with similar or better qualifications and experience, who satisfy the minimum requirements and then only with the approval of the Employer.

12. MANAGEMENT MEETINGS

12.1 Management Meetings

During the initial stages of this project (Planning, Studies, Investigations and Assessments; Inception; Concept and Viability and Design Development) the Service Provider will be expected to attend monthly management meetings with the Employer's project management team (PMT), convened for the purpose of managing this project. The Service Provider will present its proposals and these meetings, and take direction from the PMT in this regard.

12.2 Community/Stakeholder Meetings

The Service Provider will also be expected to contribute to and attend community/stakeholder meetings, presenting proposals at these forums, and taking cognisance of input from the various interested and affected parties in the conceptual and detail design development, where possible. It is not anticipated that it will be necessary to continue with community/stakeholder participation through the construction period, other than to respond to any individual queries/concerns that may be raised.

12.3 Supply Chain Management (SCM) Committee Meetings

During the course of the Documentation and Procurement stage, the Service Provider shall attend and participate in the SCM Bid Specification and Bid Evaluation Committee meetings in order to present the contract document and tender evaluation report to the Employer.

12.4 Site/Technical Meetings

During the Contract Administration and Inspection stage of this project, the Service Provider shall convene and run monthly site meetings at which the Employer and contractor will be present, as well as any technical meetings with the contractor as may be required to ensure the successful implementation of this project.

12.5 Ad-hoc Meetings

The service Provider will be expected to attend ad hoc meetings from time to time, with the Employer, stakeholder groups, or service or other authorities, in order to address specific issues as and when the need arises.

12.6 General

The Service Provider shall be represented at all meetings by at least one of the key personnel, preferably the project leader. The service provider shall provide secretarial services (for record keeping purposes) at all management, site/technical, and ad-hoc meetings.

All charges in respect of attendance at meetings and the provision of secretarial services shall be included in the tendered basic fee (Item No.7: C2.2 Activity Schedule).

13. CLAIMS FOR PAYMENT

The Service Provider may submit interim claims for payment (invoices) as the work in terms of this contract progresses, but not more frequently than at monthly intervals. All interim claims must be accompanied by an original tax invoice. Payment will be effected within 30 days of the date on the tax invoice.

14. EMPLOYER'S RIGHT TO RECOVER COSTS

The Employer reserves the right to recover, by way of a deduction from any amount due to the Service Provider, any additional cost which the Employer incurs arising out of non-performance/negligence of the Service Provider.

CITY OF CAPE TOWN

HUMAN SETTLEMENTS DIRECTORATE

CONTRACT NO. 101C/2016/17

**PROVISION OF PROFESSIONAL CIVIL, TRAFFIC, GEOTECHNICAL AND ELECTRICAL ENGINEERING
SERVICES TO PLAN, DESIGN AND MONITOR INTEGRATED HUMAN SETTLEMENT DEVELOPMENTS
WITHIN THE CITY OF CAPE TOWN**

C3.2 Annexes

Annex 1: B-BBEE Sub-Contract Expenditure Report

Annex 2: Joint Venture Expenditure Report

CITY OF CAPE TOWN

CONTRACTOR (SERVICE PROVIDER):

B-BBEE SUB-CONTRACT EXPENDITURE REPORT BASED ON PAYMENT NO.

Value of the contract (as defined in Schedule 19: Preferencing Schedule) (P*)	R	B-BBEE Status Level of Prime Contractor		
Name of Sub-contractor (list all Sub-contractors)	B-BBEE Status Level of Sub-contractor¹	Total Value of Sub-contract (excl VAT)¹	Value of Sub-contract work to date (excl VAT)¹	Value of Sub-contract work to Sub-contractors with a lower B-BBEE Status Level than Prime Contractor
Sub-contractor A		R	R	R
Sub-contractor B		R	R	R
Sub-contractor C		R	R	R
¹Documentary evidence to be provided				
		Total: R		
		Expressed as a percentage of P*		
		%		

¹Documentary evidence to be provided

**Declared by Contractor
(Service Provider) to be true
and correct:**

Verified by Employer's Representative:

Contract
Part C3: Scope of Work
Reference No. 101C/2016/17

ANNEX 2

CITY OF CAPE TOWN

CONTRACT NO. AND NAME:

CONTRACTOR (SERVICE PROVIDER):

JOINT VENTURE EXPENDITURE REPORT BASED ON PAYMENT NO.

Value of the contract (as defined in Schedule 19: Preferencing Schedule) (P*)		R		B-BBEE Status Level of Joint Venture		
Name of Joint Venture partner (list all)	B-BBEE Status Level of each JV partner as at contract award	Percentage contribution of JV partner per JV Agreement ¹ A	Total value of JV partner's contribution (excl. VAT) ¹ B = A% x P*	Value of JV partner's contribution to date (excl. VAT) ¹ C	Value of JV partner's contribution as a percentage of the work executed to date D = C/P*x100	
		%	R	R	%	
		%	R	R	%	
		%	R	R	%	
¹ Documentary evidence to be provided						

Signatures

Declared by Contractor (Service Provider) to be true and correct:

Date: _____

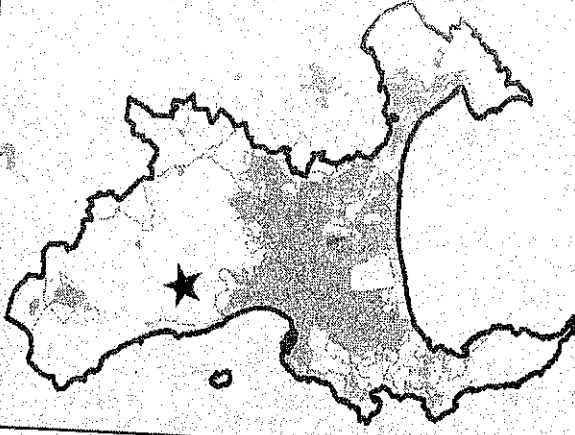
Verified by Employer's Representative:

Date: _____

Part C4: Site Information

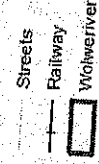
	Pages
1.1 Site Location Map Wolverivier.....	100
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1.3 Site Location Map Blueberry Hill.....	102
1.4 Site Location Map Vlakteplaas.....	103
1.5 Site Location Map Pelican Park Phase 2.....	104
1.6 Site Location Map Driftsands.....	105

Wolwenivier, CA101-0-2

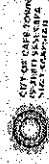


Land Description:

Legend

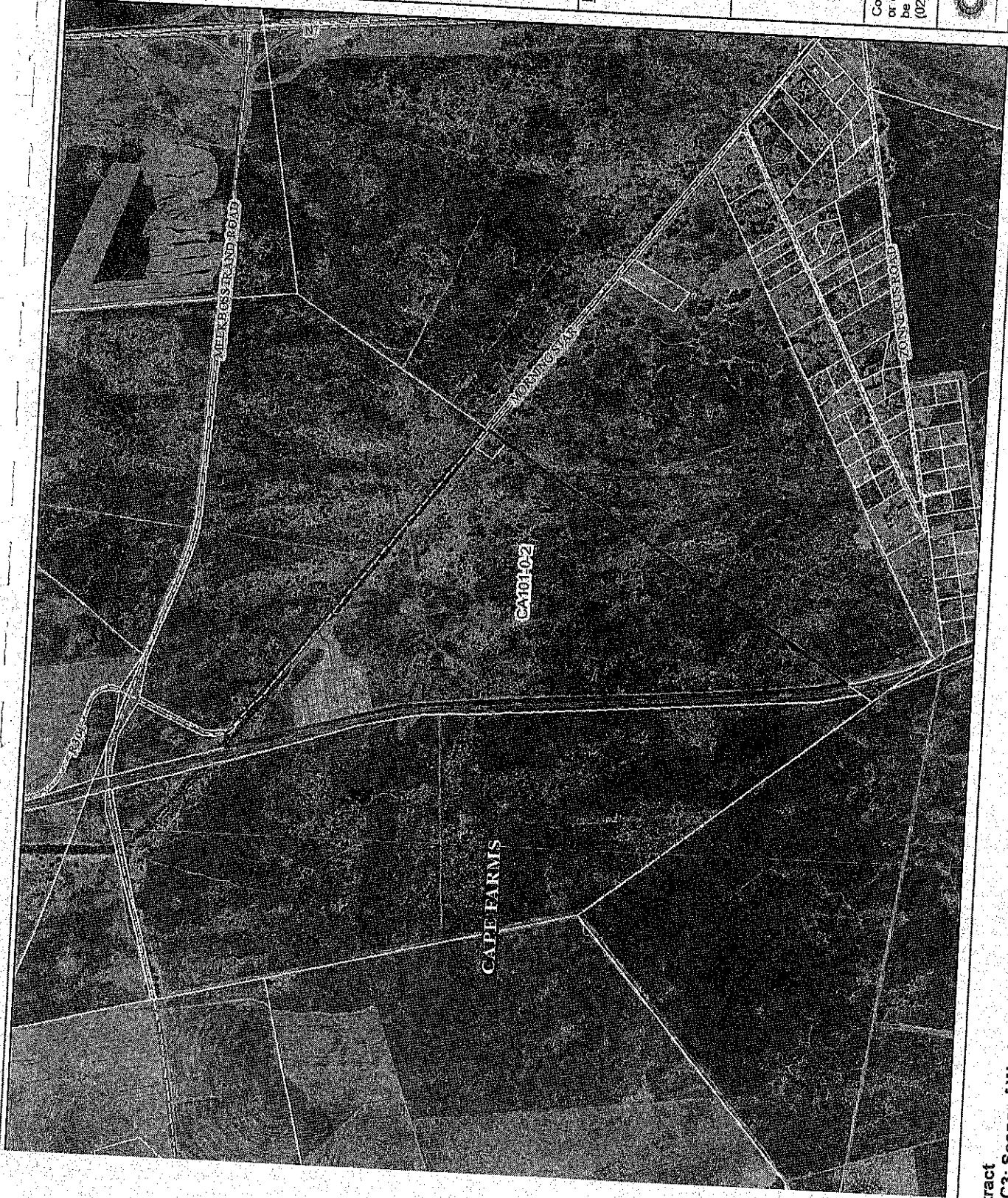


Council does not accept responsibility for any errors or omissions on the map. All cadastral data should be verified at the office of the Surveyor-General (021) 467 4800



HUMAN SETTLEMENTS

1:22,500



tract
C3: Scope of Work
rence No. 101C/2016/17

Blueberry Hill, Erf 1901



Land Description:

Legend

- Streets
- Railway
- Site

Council does not accept responsibility for any errors or omissions on the map. All cadastral data should be verified at the office of the Surveyor-General (021) 467 4800.

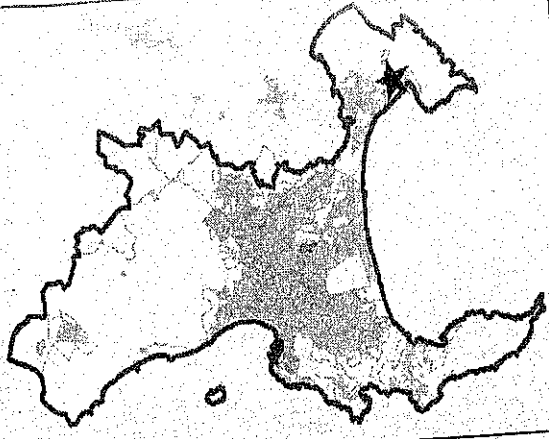


HUMAN SETTLEMENTS

1:6,500



Vlaakteplaas: ST918-183, Erf 5092,
34412, 34413 & 5540



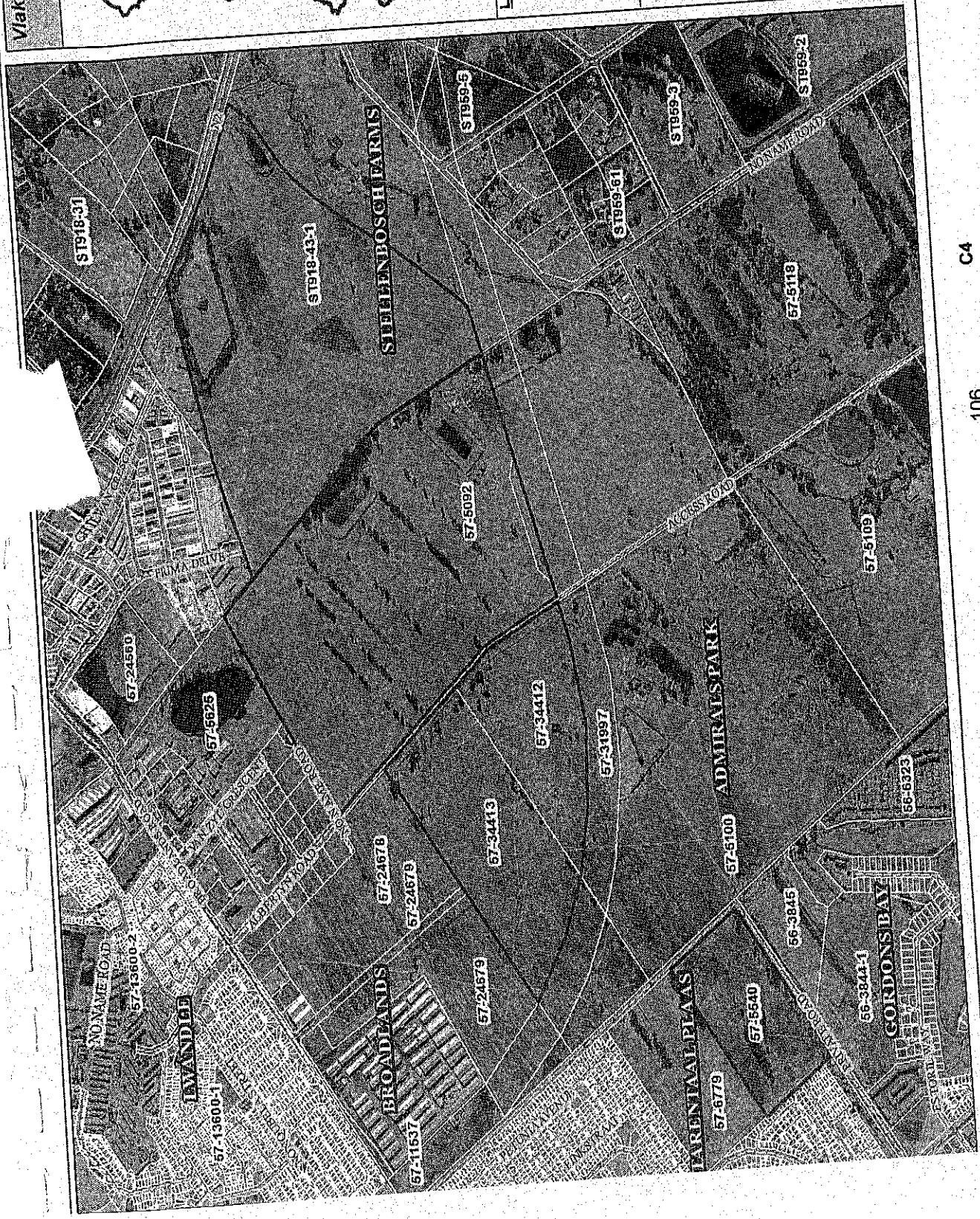
Land Description:

Legend

- Streets
- Railway
- Vlaakteplaas

Council does not accept responsibility for any errors or omissions on this map. All cadastral data should be verified at the office of the Surveyor-General (021) 487 4800

HUMAN SETTLEMENTS
C I S
CITY OF CAPE TOWN
NATURAL RESOURCES
1:11,541



106 C4
Site Information

