



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD



Procurement Transparency Report

2022/23 and 2023/24 financial years

An analysis of key City procurement transactions in the 2022/23 and 2023/24 financial years

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List of abbreviations

B-BBEE	Broad-Based Black Economic Empowerment Act, Act 53 of 2003
EME	exempt micro enterprises
HDI	historically disadvantaged individual
ICT	information and communication technology
IDP	integrated Development Plan
POPIA	protection of Personal Information Act, Act 4 of 2013
PPE	personal protective equipment
PPFA	preferential Procurement Policy Framework Act, Act 5 of 2000
QSE	qualifying small enterprises
SCM	supply chain management
SDBIP	service Delivery and Budget Implementation Plan
SLA	service level agreement
VAT	value-added tax



Mayor's note

The success of our mission – to prepare Cape Town for the growth and changes that are headed our way and build it into a city of hope for all who live here – is dependent on several things. The first of these is a bold vision and plan that will get us to this future version of Cape Town. We have made future planning the cornerstone of everything we do, looking not years but decades ahead as we seek to build resilient communities with adequate infrastructure that can withstand and absorb future shocks.

That vision is clear in the scope and scale of our annual budgets, and the most recent one – our budget for the 2025/26 financial year – breaks all previous records for infrastructure investment as we enter the final stretch of this five-year term of office. We are on track to deliver what we pledged at the start of this term.

Our mission also depends on the strength of Cape Town's economy, and its ability to create hundreds of thousands of new jobs that will help lift Capetonians out of poverty and into the dignity and independence of work. That is why we are on a mission to make this the easiest place on the entire continent to do business and to employ people. In this regard we are also making great progress as Cape Town continues to buck the national employment trend.

But it is the third aspect of this mission that is dealt with in this report, and that is ensuring that Capetonians get real value for money for every rand of public money collected. Because the best budgets and economic growth plans mean little if they are not matched with an obsessive attitude of financial responsibility, and a willingness to share the results of this with the residents of the city.

Ethical and efficient procurement, and strict adherence to supply chain management practices are what will ensure that Capetonians get value for their money. And so, in this report we set out to both assess our own performance in this regard across a representative selection of 300 products and services, and then also to share this performance publicly in the name of transparency.

This report is an important part of our mission. It is how we hold ourselves to a higher standard, how we maximise every single rand of public money, and how we build trust with Capetonians.



GEORDIN HILL-LEWIS
Cape Town Mayor



Executive summary

The City of Cape Town (the City) is a South African metropolitan municipality situated in the Western Cape, governing the country's second largest city and tourist hotspot. Its core values of trust, integrity, accountability, service excellence and accessibility are key determinants of its success in the execution of service delivery, economic development and management of local infrastructure.

The municipality is home to approximately 4,8 million Capetonians and had 3 302 registered businesses in 2023/24. Cape Town International Airport welcomed more than 2,8 million visitors in quarter four 2023/24 alone. The sustainable achievement of these impressive figures is attributable to the achievement of strategic and objective goals and plans outlined in the City's Integrated Development Plan (IDP), which aims to generate optimal outcomes while utilising resources sustainably and cost effectively.

As part of its acquisition management and demand management responsibilities, the Supply Chain Management Department plays a fundamental function in the tendering process to support IDP objectives, which are the cornerstone of the Service Delivery and Budget Implementation Plans (SDBIPs). The procurement process, therefore, becomes an instrumental factor to the execution of those objectives.

The 2022/23 and 2023/24 Procurement Transparency Report sets out the analysis of 300 commodities procured throughout each financial year under review, totalling 600 commodities over the reporting period. The analysis was completed with the intention of determining whether the City has paid fair market prices in the procurement of these goods and services.

This report will help the City understand how well it has performed in relation to its IDP and the relevant SDBIPs. It therefore functions as a measurement instrument for assessing the City's implementation of its procurement strategy and the objectives it aims to achieve.

The analysis of these commodities is spread out over various directorates in line with the spending of each directorate and the significance of the items procured. The commodities analysed were identified using set criteria, ensuring that the analysis thereof gives a fair representation of the City's procurement transactions.

The resultant outcome of the Procurement Transparency Report 2022/23 and 2023/24 is as follows:

- In the 2022/23 financial year, the City paid either below or equal to market-related prices for 73,60% of the goods and services procured. The remaining 26,40% of the commodities analysed were procured above market-related prices.
- In the 2023/24 financial year, 73,09% of the commodities analysed were procured at or below market-related prices. The City therefore procured 26,91% of these commodities above market-related prices.

The report goes into further detail as to potential reasons why the City paid either above or below market prices for the commodities. This considers both internal and external economic factors as well as other elements influencing pricing. Notable influences include the number of responsive bidders, supplier relationships, SCM oversight, geopolitical factors and regulatory and legislative responsibilities.

The City's tendering processes are designed to be transparent, well defined and inclusive, creating an environment where organisations can compete effectively.

The City follows a detailed bid evaluation system to ensure that all bids are evaluated fairly, considering all criteria. This includes not only a price evaluation, but also other considerations such as preferential procurement. In 2022/23, bids were evaluated on B-BBEE levels by allocating points based on the scores of each bidder. In 2023/24, following amendments to the PPPFA, the evaluation criteria were broadened to incorporate specific goals alongside B-BBEE levels. The adjudication points are awarded using the Preferential Procurement Regulations. For purposes of this assessment, the applicable preferential procurement requirements were assessed.

Therefore, the evaluation system aims to ensure that the City obtains overall value for money. As part of this process, it is important to consider whether the products and services that were procured resulted in effective and efficient service delivery from the City. This should translate to the quality of the awarded goods and services and how it enables the City to achieve its strategic objectives.

When considering the abovementioned, the lowest-cost option might not result in value for money to the City and its inhabitants, as there may be other considerations that should be taken into account that will focus on ensuring that true value for money is achieved.

Value for money

As a part of the City's commitment to transparency in its public procurement processes and outcomes, the Mayor has endorsed the publication of this Procurement Transparency Report. The report will follow an analysis according to the following factors:

- Economy
- Equity
- Effectiveness
- Efficiency

These factors will be used to assess whether the City was able to achieve its goals as set out in its IDP, value-for-money principles and other relevant policies.

This report follows the order and intent of the previous Transparency Procurement Report of the 2021/22 financial year. As previously mentioned, the assessment covers a total of 600 commodities: 300 from each of the two financial years following the 2021/22 financial year. While the City procures thousands of items annually, a representative sample of contracts was carefully selected, using stratified sample selection, based on the spending patterns of each directorate.

Data collection

Data collection focused on analysing contracts that were active or completed during the 2022/23 and 2023/24 financial years, ensuring that contracts over various sectors and directorates were analysed to identify commodities that are essential to the City's service delivery and operations. To perform the analysis, a total of 300 commodities that were identified for service delivery by the City were evaluated in each of the financial years.

To ensure consistency and comparability, commodities identified as essential in the Procurement Transparency Report for the 2021/22 financial year were used to determine the commodities analysed in this report. Certain commodities that were identified as recurring have therefore been included in this analysis.

Additional commodities were selected by classifying contracts according to the respective contractual expenditure. Commodities were then selected from each contract for analysis.

The selection of these commodities followed the following methodology:

- Commodities and services are characterised by high volume and low cost.
- Activities with frequent turnover and consistent usage patterns.
- Operationally significant elements essential for optimal service delivery performance.
- Commodities and services defined by high cost and low volume.
- Items with substantial impact or critical importance.

Data analytics and testing

The analysis followed a structured process. The evaluation of tenders and commodities identified throughout data collection was reviewed. Key details such as commodity name, directorate, and tender number were recorded. Commodities were categorised based on prior classification and professional judgment.

The respective tender evaluations were utilised to verify procurement methods, bids received, item codes and pricing. Unresponsive bids were excluded, and average, minimum and maximum prices were then obtained or calculated. Awarded bids were identified and recorded to support pricing analysis and market comparison.

Market research

As part of the process, third-party suppliers were contacted to obtain pricing for the selected commodities. A minimum of one and a maximum of up to three prices were sought per item, depending on availability and product specificity. All received quotations were centrally stored to ensure traceability and transparency.

Items with unique specifications proved difficult in obtaining relevant market prices. As a solution, an average of the available bidders for those items was used as a benchmark. To establish a final market rate, both the quotations received and the average of the bidders' pricing were considered. These values were then scaled to derive a final benchmark rate, which was used to assess whether the City paid above or below the prevailing market price. Current market prices were discounted by inflation to depict the prices for the years under review.



Analytics - value-for-money categories

Procurement policy/principles

The City prides itself in achieving the following in their SCM procedures:

- Demand management: Provision for an effective system to ensure that resources obtained support the City's strategic and operational requirements.
- Acquisition management: Following authorised procedures and appropriate legislation.
- Risk management: Identification, consideration and addressing of potential risks throughout the SCM process.
- Performance management: Monitoring processes to ensure that the City achieves its goals and objectives.
- Logistics management: Maintain stock inventory levels to ensure sound logistic controls and contract management.

Laws and regulations

The City must comply with the following laws and regulations regarding its contract and procurement management:

- Preferential Procurement Policy Framework Act, Act 5 of 2000;
- Broad-Based Black Economic Empowerment Act, Act 53 of 2003;
- Construction Industry Development Board Act, Act 38 of 2000;
- Local Government: Municipal Systems Act, Act 32 of 2000;
- Promotion of Administrative Justice Act, Act 3 of 2000;

- Promotion of Access to Information Act, Act 2 of 2000;
- Protection of Personal Information Act, Act 4 of 2013
- Municipal Finance Management Act, Act 56 of 2003;
- Local Government: Municipal System Act, Act 32 of 2000. as amended.

Summary of key commodities

The comparable graphs illustrate the market-related prices for key commodities relative to the price at which they were procured by the City. The graphs represent the trends of the City's market-informed approach in the supply chain process. The key commodities can be summarised and categorised as follows:

- Building and maintenance
- Construction road materials
- Electrical commodities
- Information and communications technology (ICT)
- Office stationery
- Personal protective equipment
- Professional services
- Security
- Catering and refreshments
- Vehicles, equipment and related costs
- Waste removal
- Water/sewer infrastructure and maintenance

Economy

Findings

The overview of results of the analysis of the 300 commodities in 2022/23 reflect that 73,60% (223 of 303) of the commodities paid by the City were below or equal to market price after considering inflation and excluding value-added tax (VAT). Correspondingly, 26,40% (80 of 303) of commodities procured were above market-related price in that financial year.

The overview of results of the analysis of the 300 commodities in 2023/24 reflect that 73,09% (220 out of 301) of the commodities paid for by the City were below or equal to market price after considering inflation and excluding value-added tax (VAT). Correspondingly, 26,91% (81 out of 301) of commodities procured were above market-related price in that financial year.

The justification for the City paying above market-related prices for commodities can be summarised as follows:

- Importation of goods
- Local and international market factors
- Geopolitical factors affecting pricing
- Highly specialised items requiring specialised expertise
- Strategic partnerships amongst competing bidders
- Long-term contracts or purchases
- Procurement urgency
- Preferential procurement
- Inflated prices

The commodity assessment focused on determining the prices paid by the City against market-related prices of individual items. The assessment did not look at the overall basket value of the entire contract. It is important to note that the City assesses contracts based on the total basket value and not based on individual items; therefore, although the City has paid above market-related rates for certain items, the supplier was awarded the contract based on the total basket value. Furthermore, average market pricing was

determined through market research as well as the other responsive price submissions. The variations arise from differences in contract specifications, experience requirements and qualification standards. Professional services are particularly subject to these specifications. Additionally, when companies purchase large volumes of products or services, they experience economies of scale, which are then used in pricing strategies. These findings become evident in the tables presented.

Detailed review of prices in 2022/23

The procurement of items at or below market rates can be attributed to the following key factors:

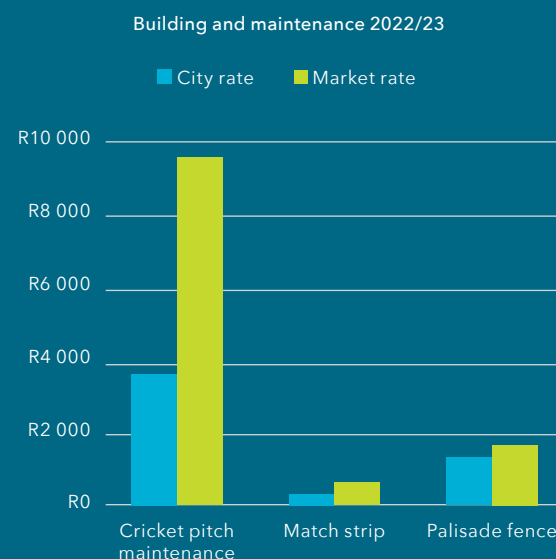
- Long-standing relationships with suppliers
- Penetration strategies by suppliers
- Successful subsequent price negotiation with bidders

The items for which the City paid above market price can be attributed to the following most prevalent reasons:

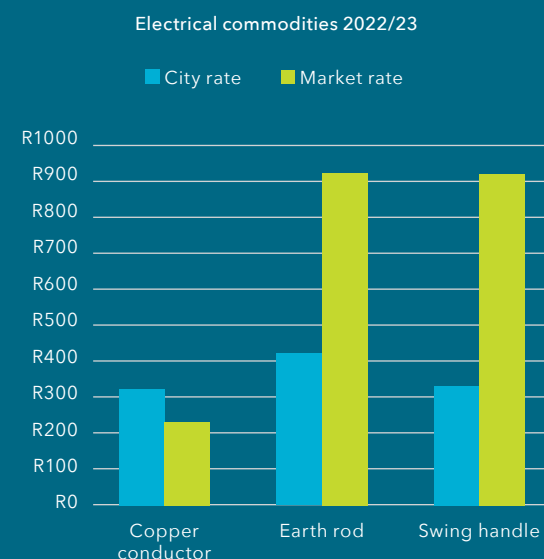
- Limited responsive bids received (other bidders were evaluated for functionality and compliance and were found to be unresponsive).
- Lack of competition (a single bid was received for the contract)
- Imported goods

Other economic factors affecting financial municipal procurement for the City of Cape Town in 2022/23:

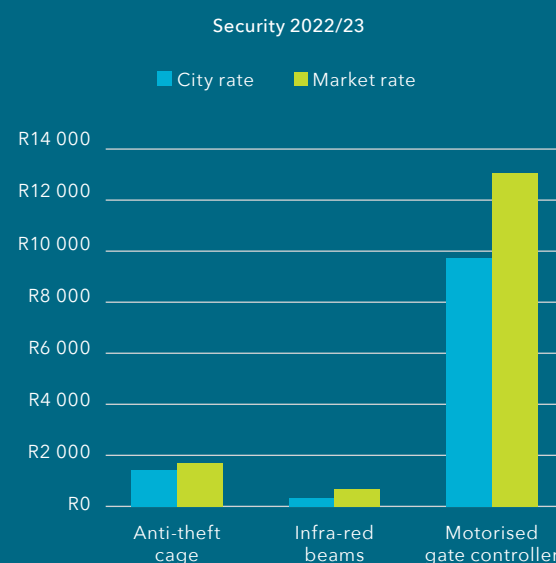
- Geopolitical factors
- Inflationary factors
- Fuel price volatility: leading to rising transportation costs
- Exchange rate depreciation
- Policy and legislative developments: Public Procurement Act/Bill enactment in 2024 introduced more regulatory complexities (tabled in 2023)



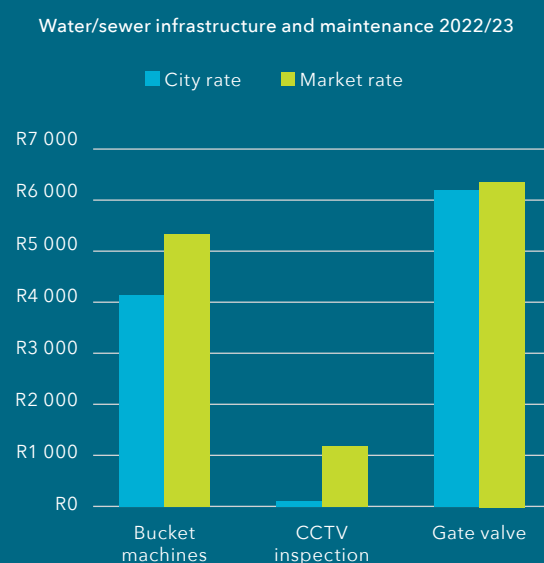
Graph 1 shows that, in 2022/23, the City paid below market price for the cricket pitch maintenance, match preparation per strip, and steel palisade fence. The 61%, 38% and 22% discounts paid on these commodities were due to a competitive bidding process in which the items and services were procured.



Graph 2 depicts that, in the same financial year, the City paid below market price for the stainless steel swing handle and earth rod items. A premium of 28% above was paid for the copper weld-covered conductor; this can be attributed to its specialised nature and the fact that, unlike a standard copper conductor, it has limited general use and follows a special manufacturing process (copper cladding process).



Graph 3 depicts examples of security measures in which the City has disbursed resources for the safety of its citizens, property and nature reserves. All items illustrated were procured below market rate in that financial year.



Graph 4 signifies bucket machines, CCTV inspection, and gate valves. The 98% variance is primarily because the City was quoted on a per metre basis for CCTV inspection of pipe infrastructure, whereas the market provides this service as a once-off lump sum quote, making direct comparison difficult.



***The average market price as tabulated below stems from research as well as other quoted prices, with differences due to contract specifications, outlining experience requirements and qualification requirements. Where large amounts of goods and services are purchased, it exposes companies to economies of scale, enabling bidders to use this advantageously.*

Vehicles, equipment and related costs refer to costs incurred in the purchase or hire of vehicles and/or equipment for the City's use internally or in the execution of municipal projects. The table below depicts the prices awarded for such items:

Table 1: Vehicles, equipment and related costs

Vehicles, equipment and related costs	Unit of measure	Awarded price (R)	Market price (R)	Variance
Goodyear tyre for earthmover	Unit	46 912,24	52 337,95	10% ▼
General tyre for passenger LDV	Unit	1 417,39	1 582,08	10% ▼
Bridgestone tyre for truck	Unit	7 550,39	8 992,91	16% ▼
Dunlop or Summit tyre for truck	Unit	6 505,20	7 410,83	12% ▼
Firestone tyre for truck	Unit	6 105,00	6 827,95	11% ▼
Articulated dump truck (6x6)	Hour	440,00	568,07	23% ▼
Bulldozer	Hour	1 195,00	1 088,33	10% ▲
Tip truck	Hour	300,00	401,64	25% ▼
Single-cab pickup truck**	Kilometre	1,99	27,09	93% ▼
Forklift	Day	4 950,00	4 554,19	9% ▲
4-door sedan**	Day	300,00	637,23	79% ▼
Bus inspection and maintenance**	Per service	R3,55	2 651,15	100% ▼
Fuel diesel**	Litre	R10,50	57,98	81% ▼
Employee transportation	Day	2 700,00	2 494,93	8% ▲
High-pressure hose**	Unit	3 230,00	2 166,28	49% ▲
Automatic tank gauging system	Unit	33 845,00	38 069,68	11% ▼
Excavator with operator**	Day	840,00	1 804,33	53% ▼
Road grader with operator	Day	2 500,00	2 792,54	10% ▼
Learner's licence training**	Day	153,67	232,04	31% ▼
Engine oil	Litre	33,00	41,22	20% ▼

**All amounts are exclusive of VAT*

Professional services are necessary for the City to hire expertise. Experts, consultants and labour are hired through bids to provide skills and resources required for relevant projects. The 2022/23 services analysed show the City's commitment to service delivery by hiring experienced professionals resulting in quality outputs.

The expertise hired can be broken down into construction, ICT and other services. The services provided vary based on project requirements and size. The tables below display the results of the commodity analysis for the different specialists and services hired.

Table 2: Professional services ICT

Professional services: ICT	Unit of measure	Awarded price (R)	Market price (R)	Variance
Principal project manager – SAP Services	Unit	900	776,82	16% ▲
Senior audio visual technician	Hour	214,9	243,04	12% ▼

**All amounts are exclusive of VAT*

Table 3: Professional services: Construction

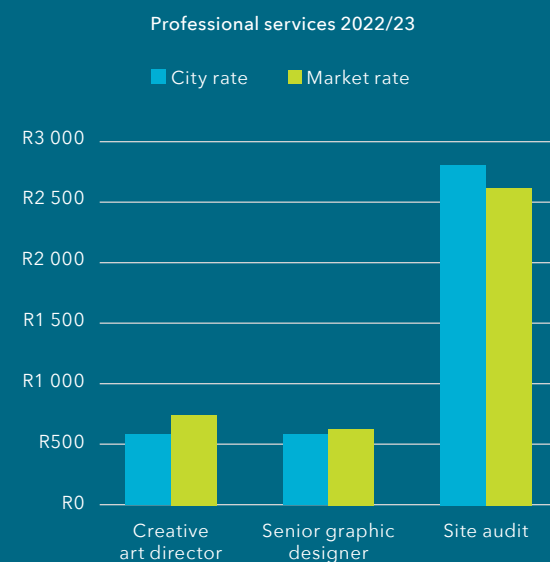
Professional services: Construction	Unit of measure	Awarded price (R)	Market price (R)	Variance
Mechanical engineer	Hour	1 000,00	1 196,85	16% ▼
CAD operator	Hour	400	399,80	0% ▲
Registered professional principal**	Hour	450	1 001,68	55% ▼
Registered environmental assessment practitioner (EAP)**	Hour	450	678,95	34% ▼
Traffic engineer**	Hour	1 100,00	764,59	44% ▲
Site audit	Per site	3 000,00	2 812,50	7% ▲

**All amounts are exclusive of VAT*

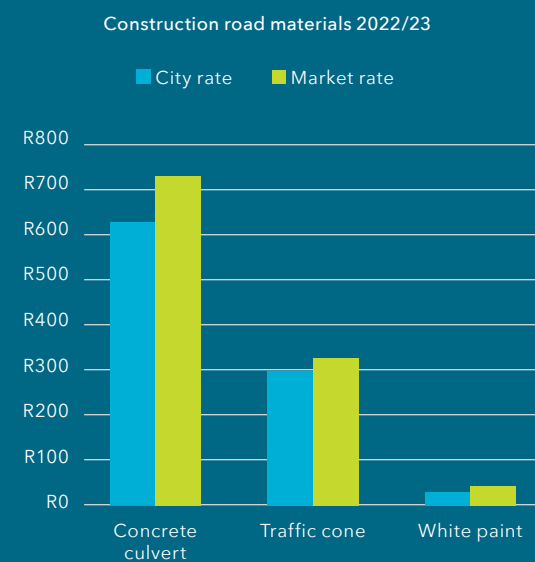
Table 4: Professional services: Other

Professional services	Unit of measure	Awarded price (R)	Market price (R)	Variance
Legal services**	Hour	850	2 173,36	61% ▼
SCM specialist**	Hour	1 510,00	910,51	66% ▲
Therapist	Hour	506,82	515,03	2% ▼
Social media specialist**	Hour	721	455,42	58% ▲
Copywriter**	Hour	957	565,24	69% ▲
Junior business analyst	Hour	261,25	262,5	0% ▼
Legal specialist	Hour	1 200,00	1 099,29	9% ▲
Candidate attorney	Hour	1 350,00	1 199,34	13% ▲
Senior graphic designer	Hour	650	756,25	14% ▼
Creative art director	Hour	650	813,16	20% ▼

**All amounts are exclusive of VAT*

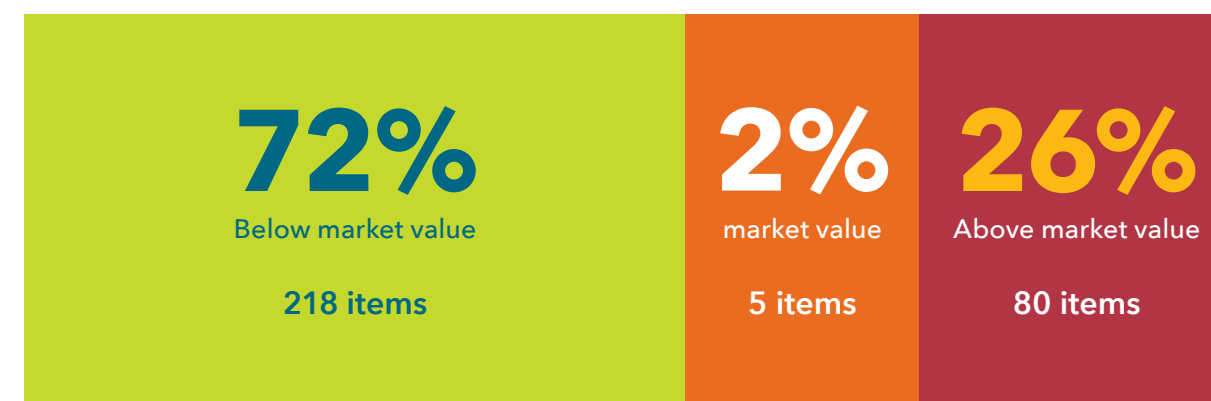


Graph 5 demonstrates that the City enlisted artistic professional services below the prevailing market price. Contrastingly, the site audit services were obtained above the going rate. This may be due to the complexity and extent of the on-site inspection or assessment conducted, including evaluating relevant conditions, compliance, performance and needs of the project.



Graph 6 represents items used in roadworks projects as integral contributors to the City's efficient transportation system. As depicted, the City paid below the industry standard price for concrete culverts, traffic cones and white paint.

Overview of analysis 2022/23



Items above market price

Tables 6, 7 and 8 list the items that make up 26% of the total goods procured in 2022/23 for which the City paid above market prices. Each item was analysed individually to determine why it was purchased above market price, and the results were grouped into three distinct categories based on these reasons.

Lack of competition

Lack of competition refers to items for which only a single bid is received during procurement. With no alternative offers to compare against, the City has limited leverage to negotiate lower prices, which can result in paying above market rates. These items amount to 31 of the 80 commodities above market price in 2022/23.

Table 6: Lack of competition items

Lack of competition: Items	
Junior ranger service provider	Software licences: Microsoft Window Server 2016 User CAL
Senior ranger service provider	Tape media and labels
Visitor hub ranger service provider	Receptionist and project admin
Gel battery	BW Business Trunk Package or equivalent
Cabinet controller	Legal specialist
Supply a UPS	150 km round trip A; Swartklip
UPS electronic module	Homebase site high pressure
4 x 4 chassis cab	Barbed wire on structure
1-ton panel van	Containers
Seven-seater sports utility vehicle	Antenna equipment, complete dish
Senior support engineer	Concrete
Support engineer	Refrigeration technician
Pole box and overhead service installation	Paddle compactor vehicle
Supply GPS antenna	Roto compacting truck
Supply and delivery of hand sanitiser dispenser	Flat earth bar
	Copper weld-covered conductor

Personal protective equipment (PPE) refers to clothing or gear designed to protect individuals in a working environment from hazards. These are mostly used in municipal projects

and services around waste removal, construction or maintenance. The hand sanitiser dispensers formed part of the PPE measures implemented during the Covid-19 pandemic.

Table 5: Personal protective equipment

Personal protective equipment	Unit of measure	Awarded price (R)	Market price (R)	Variance
Jacket**	Unit	1 449,12	2 409,96	40%▼
Hand sanitiser dispenser	Each	17,12	15,85	8%▲

**All amounts are exclusive of VAT*

Preferential procurement – B-BBEE and enterprises

Preferential procurement, B-BBEE and enterprises refer to items purchased where the City paid a premium above market price as a result of the bidder’s B-BBEE score under the PPPFA points system. These procurement decisions prioritised

transformation objectives, with suppliers selected based on their combined price and B-BBEE contribution points rather than price alone. This approach directly supports the City’s commitment to historically disadvantaged individuals and broad-based black economic empowerment goals. These items made up the majority of the 80 items, adding up to 40 items in the 2022/23 financial year.

Table 7: B-BBEE and enterprise items

B-BBEE and enterprise	
1,5 mm² conductor	Manhole covers/frames and grids
New Goodyear tyre for earthmover	Precast concrete kerbing and channelling
New Continental General tyre for passenger LDV	Grade C control room operator
New Dunlop/Summit tyre for truck	Traffic engineer
New Firestone tyre for truck	Cranes: Hourly labour rate
Armed security officer	Split keypad metering
Aerial-bundled conductor comprising aluminium phase conductors	Conlog keypad metering
Crushed stone	Vehicle hire 1-1,5 ton LDV
Forklift	Small-world systems administrator
Plumbing Certificate of Compliance	On-site support to meet performance level agreements
Batteries 12V	Handheld device and printer card machine
Social media specialist	Water meter box
Copywriter	Equipment rental: Guard hut
IBR profile roof covering	Din-rail circuit breaker
Synthetic-fibre filter fabric	Adult reopening
Plastic (granite) urinal	Optical transceiver
Candidate attorney	Hiring of bulldozer
Water tankers (capacity10 000 litres)	Earthworks (pipe trenches)
Field ranger for baboon management	Connection to sewer at manhole
SCM specialist	Principal project manager – SAP Services

Other items

Other items refer to 9 out of the 80 purchases in 2022/23, where the reasons for paying above market price are unclear. Alternative lower-priced offers and bidders with higher preferential procurement scores were present, but the award was to a different bidder. Possible reasons for these items falling into this category include reputational risk issues identified with certain bidders. These concerns

primarily affect construction and security contracts, thereby limiting the City’s available supplier pool. Additionally, as noted previously, contracts are evaluated based on total basket value rather than individual item prices. Consequently, the City paying above market-related prices for specific items does not necessarily indicate that all contract items are priced above market rates.

Table 8: Other items

Other	
Content developer	Maintenance of existing HVC
Classroom training sessions for HR business systems	Cleaning services
Supply of brick paving	Site audit and report
Integrated media module	Ecoaire fan
Safety and security specialist	



Price differentials – preferential procurement

Table 9 depicts the items for which the City paid a premium to support preferential procurement objectives. This approach aligns with the City’s commitment to advancing broad-based black economic empowerment (B-BBEE) and the inclusion of historically disadvantaged individuals (HDIs) in municipal supply chains. While these purchases may reflect price differentials compared to the lowest available offers, they demonstrate how the

City complies with procurement legislation by balancing cost considerations with transformative socio-economic goals, thereby maximising overall value for money. Large price differentials between the lowest bid and the awarded price may occur, as awards on price and preference are determined using the total contract value, calculated according to a predefined weighting per item. In accordance with the PPPFA, however, contract value variances may not exceed 20% in 80/20 tenders and 10% in 90/10 tenders.

Table 9: Preferential procurement items

Item	Unit of measure	Lowest bid (R)	Awarded price (R)	Variance (R)	Variance (%)
1,5 mm² conductor	Metre	86,90	92,29	5,39	6%
New Goodyear tyre for earthmover	%	0,22	46 912,24	46 912,02	-
New Continental/General tyre for passenger LDV	%	0,34	1 417,39	1 417,05	-
New Dunlop/Summit tyre for truck	%	0,35	6 505,20	6 504,85	-
New Firestone tyre for truck	%	0,34	6 105,00	6 104,66	-
Armed security officer	Month	16 468,60	18 543,59	2 074,99	11%
Aerial-bundled conductor comprising aluminium phase conductors	Unit	60,37	60,37	0	0%
Crushed stone 13 mm	M³	250,00	601,45	351,45	58%
Forklift	Day	2 100,58	4 950,00	2 849,42	58%
Plumbing Certificate of Compliance	Unit	650,00	3 300,00	2 650,00	80%
Batteries 12V	Unit	2 517,65	2 517,65	0	0%
Social media specialist	Hour	625,00	721,00	96,00	13%
Copywriter	hour	572,00	957,00	385,00	40%
IBR profile roof covering	M²	220,00	220,00	0	0%
Synthetic-fibre filter fabric	M²	12,00	28,00	16,00	57%
Plastic (granite) urinal	Number	382,17	3 500,00	3 117,83	89%
Manhole covers/frames and grids	Unit	1 543,04	3 037,68	1 494,64	49%
Precast concrete kerbing and channelling	Metre	150,00	220,98	70,98	32%
Grade C control room operator	Hour	38,59	55,00	16,41	30%

(continued)

Item	Unit of measure	Lowest bid (R)	Awarded price (R)	Variance (R)	Variance (%)
Traffic engineer	Hour	400,00	1 100,00	700,00	64%
Cranes	Hour	4,95	400,00	395,05	99%
Split keypad metering	Unit	535,50	535,50	0	0%
Conlog keypad metering	Unit	1 350,00	3 899,10	2 549,10	65%
Vehicle hire	Hour	30,00	82,15	52,15	63%
Small-world systems administrator	Hour	1 045,50	1 086,69	41,19	4%
On-site support to meet performance level agreements	Hour	1 272,00	1 743,64	471,64	27%
Handheld device and printer card machine	Unit	555,56	1 452,02	896,46	62%
Supply water meter box	Unit	380,00	380,00	0	0%
Equipment rental: Guard hut	Month	730,00	1 582,66	852,66	54%
Din-rail circuit breaker	Unit	166,08	166,08	0	0%
Adult reopening	Unit	387,12	387,12	0	0%
Optical transceiver	Unit	52 885,54	52 885,54	0	0%
Hiring of bulldozer	Hour	1 095,00	1 195,00	100,00	8%
Pipe trenches	Metre	60,00	250,00	190,00	76%
Connection to sewer at manhole	Number	1 140,00	5 800,00	4,660.00	80%
Principal project manager – SAP Services	Unit	900,00	900,00	0	0%
Candidate attorney	Hour	650,00	1 350,00	700,00	52%
Water tankers	Month	88 000,00	99 000,00	11 000,00	11%
Field ranger for baboon management	Month	5 259,00	5 359,00	0	0%
SCM specialist – Ad hoc	Hour	1 337,50	1 510,00	172,50	11%

Detailed review of prices in 2023/24

The procurement of items at or below market rates is attributable to the following key factors:

- Long-standing relationships with suppliers
- Penetration strategies by suppliers
- Successful subsequent price negotiation with bidders

The items that the City paid above market price can be attributed to the following most prevalent reasons:

- Only one supplier bid for the service or commodity
- Limited responsive bids received (other bidders adjudged non-responsive)
- Lack of competition
- Imported goods

Custom/specialised items:

- Imported goods
- Inflated prices by suppliers

Other economic factors affecting financial municipal procurement for the City of Cape Town in 2022/23:

- Geopolitical factors
- Inflationary factors
- Exchange rate depreciation
- Policy and legislative requirements:

Professional services are necessary for the City to hire expertise that closes the gap where the City may lack the skills and manpower to take on tasks and projects. The 2023/24 services analysed show the City's growing demand for expertise in construction and infrastructure development.

Table 10: Professional services: ICT

Professional services: ICT	Unit of measure	Awarded price (R)	Market price (R)	Variance
Precision cooling engineer	Hour	796,49	821,61	3%▼
Principal project manager – SAP Services	Unit	925	815,59	13%▲
Senior audio visual technician	Hour	236,39	257,05	8%▼

*All amounts are exclusive of VAT

Table 11: Professional services: Construction

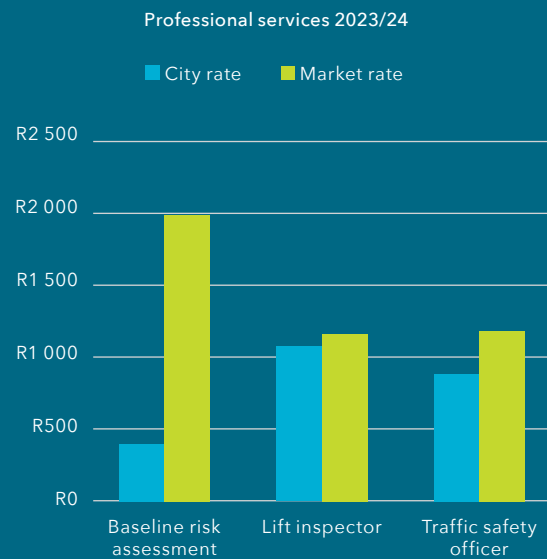
Professional services: Construction	Unit of measure	Awarded price (R)	Market price (R)	Variance
Professional services architect**	Number	3 478 310,70	5 212 246,25	33%▼
Lift inspector	Hour	1 108,80	1 185,94	7%▼
Pavement and materials engineer**	Hour	300	679,38	56%▼
Traffic safety officer	Day	975	1 230,27	21%▼
Health and safety risk assessment**	Hour	450	2 152,19	79%▼
Baseline risk assessment**	Hour	450	4 215,71	89%▼
Fire wet services engineer**	Hour	600	941,19	36%▼
Certified welder**	Hour	600	899,66	33%▼
Civil engineering services	Hour	200	257,77	22%▼
Grade C operator**	Hour	55	39,65	39%▲
Mechanical engineer	Hour	1 000	1 234,28	19%▼
CAD operator	Hour	400	399,8	0%▼
Registered professional principals**	Hour	450	1 041,11	57%▼
Registered environmental assessment practitioner (EAP)**	Hour	450	678,95	34%▼
Traffic engineer**	Hour	1 100	764,59	44%▲

*All amounts are exclusive of VAT

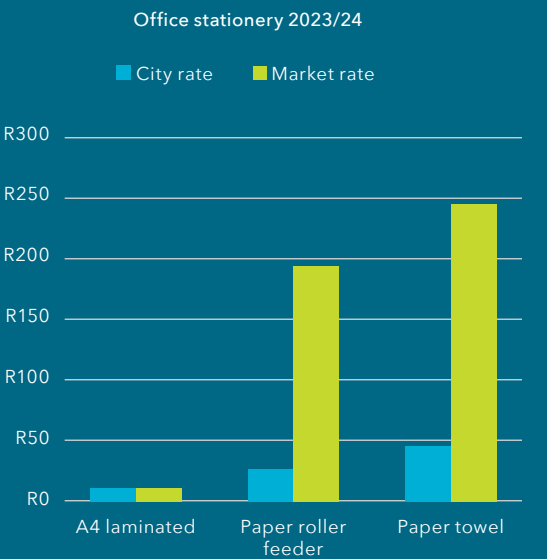
Table 12: Professional services: Other

Professional services	Unit of measure	Awarded price (R)	Market price (R)	Variance
Legal services	Hour	2 550,00	2 297,23	11%▲
Smart driver training**	Day	734,68	1 617,14	55%▼
Cleaning supervisor	Hour	80	78,27	2%▲
Building manager	Hour	150	133,91	12%▲
SCM specialist**	Hour	1 625,00	974,19	67%▲
Job readiness training	Unit	1 000 000,00	1 000 000,00	0%▼
Therapist	Hour	506,82	528,94	4%▼
Receptionist and project admin**	Month	25 980,00	18 188,82	43%▲
Social media specialist**	Hour	743	481,49	54%▲
Copywriter**	Hour	1 002,00	602,83	66%▲
Junior business analyst	Hour	273,01	279,41	2%▼
Legal specialist	Hour	1 200,00	1 128,75	6%▲
Candidate attorney	Hour	1 350,00	1 166,78	16%▲
Learner's licence training**	Day	160,33	232,04	31%▼

*All amounts are exclusive of VAT



Graph 7 outlines the discount at which the City procured a few professional services in that financial year. Professional services make up an integral component of a majority of the contracts that were assessed – this can be attributable to these services being used across multiple sectors. Additionally, they are required for policy and regulatory compliance for a number of projects.



Graph 8 illustrates the price differentials paid by the City for office stationery in the 2023/24 financial year. The illustration shows that the City was able to procure office stationery at a maximum of 82% below market price.

Waste removal is one of the direct service delivery components that the City provides for Capetonians. It ranges in locations covering Cape Town central, Atlantic seaboard, West Coast, Southern

Peninsula, northern and southern suburbs, Cape Flats, Helderberg region and the Winelands. The table below outlines the waste removal items procured by the City at their respective acquisition prices.

Table 13: Waste removal

Waste removal	Unit of measure	Awarded price (R)	Market price (R)	Variance
120-micron refuse bags**	Unit	3,15	15,58	80%▼
75-gram polypropylene cloth bags**	Unit	9,10	162,89	94%▼
Waste worker**	Hour	24,87	37,89	34%▼
Industrial broom**	Unit	45,00	102,13	56%▼
Builder’s rubble haulage**	Unit	800,00	2 556,40	69%▼
40-micron refuse bag**	Unit	1,45	9,75	85%▼
Wet refuse collection**	Each	14,03	30,92	55%▼
Dumping site costs	Ton	1 500,00	1 260,62	19%▲

**All amounts are exclusive of VAT*

Information and communication technology refers to items that support digital infrastructure, communication and data management, including hardware, software, accessories and

peripherals, services and communication infrastructure. These items support both internal administrative functions and the delivery of public services in line with the City’s mandate.

Table 14: Information and communication technology (ICT)

ICT	Unit of measure	Awarded price (R)/%	Market price (R)	Variance
Debit card transaction**	%	0,65%	1%	55%▼
Credit card transaction	%	1,65%	2%	16%▼
Global Protect subscription**	Unit	9 282,00	15 273,55	39%▼
ORACLE Acme Packet	Unit	884,00	1 157,16	24%▼
Tape media and labels**	Unit	2 392,00	1 541,97	55%▲
Pluggable optics**	Each	327,18	514,51	36%▼
Lenovo ThinkSystem	Unit	3 315,00	3 305,56	0%▲
BW Business Trunk Package	Unit	654,90	628,92	4%▲
D-Link websmart fast ethernet switch**	Unit	1 404,00	4 024,06	65%▼
Air conditioner 9000BTU**	Each	1 870,43	3 437,31	49%▼
Lenovo Broadcom**	Each	1 102,50	1 566,83	33%▼
High-speed flexible (I/O) module	Each	23 392,32	27 416,99	15%▼
SIP Trunk**	Month	13 954,73	201 935,46	93%▼
Din-rail circuit breaker	Unit	166,08	129,95	28%▲

**All amounts are exclusive of VAT*

The following table outlines items procured under the Security category, which includes equipment, services and gear intended to protect municipal assets, personnel and members of the

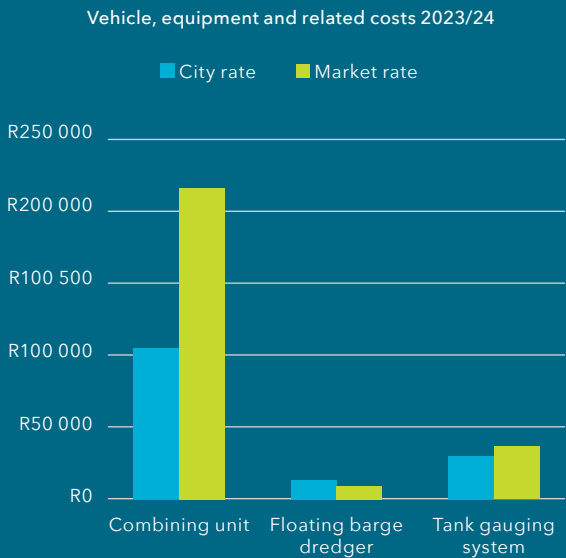
public. These items are used both for safeguarding internal operations (such as municipal buildings and systems) and for supporting the municipality’s broader mandate to ensure community safety.

Table 15: Security

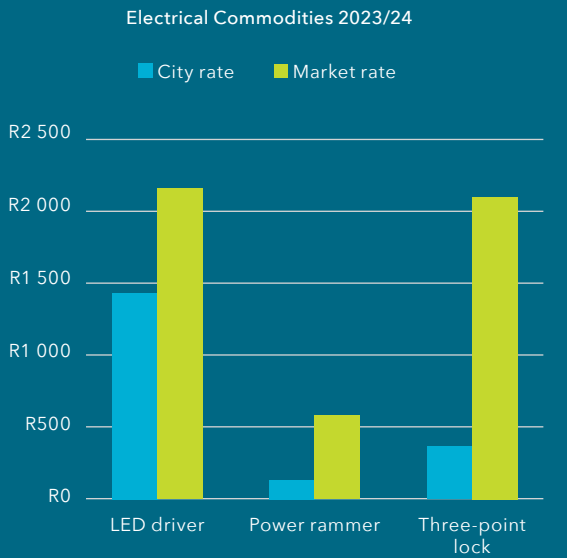
Security	Unit of measure	Awarded price (R)	Market price (R)	Variance
Ad hoc security officer**	Month	10 570,00	16 983,45	38%▼
Security guard dog	Month	3 700,00	3 922,06	6%▼
Quad bikes/motorcycles to provide security services	Month	3 400,00	3 901,48	13%▼
Armed escort security officer	Month	18 543,59	15 536,22	19%▲
Unarmed security officer	Month	13 507,30	13 609,35	1%▼
Security guard Grade B**	Hour	60,00	115,74	48%▼
Security guard Grade D**	Hour	50,00	98,16	49%▼
Fee per fine paid**	Unit	71,99	192,22	63%▼
Card machine**	Unit	1 452,02	1 071,56	36%▲
Standard snackpack meal	Unit	56,00	78,35	29%▼
CCTV dash camera	Number	1 668,05	1 685,44	1%▼
Firefighter**	Hour	352,83	223,66	58%▲
Type 1 helicopter**	Unit	903 211,25	15 239 959,80	94%▼
Fire alarm optical sensor	Unit	369,74	463,55	20%▼
Guard hut**	Month	1 582,66	985,14	61%▲
Safety and security specialist**	Hour	1 500,00	950	58%▲
Servicing of fire extinguishers**	Unit	55,00	98,27	44%▼
Barbed wire	Metre	29,99	25,48	18%▲

**All amounts are exclusive of VAT*





Graph 9 illustrates the rates at which vehicle equipment was purchased or hired for sanitation, infrastructure, maintenance and storage facility projects. The combination unit and tank gauging system were obtained below market price, while the floating barge dredger was obtained above the prevailing rate.



Graph 10 depicts that the market price discounted by 33%, 69% and 82% was paid toward the LED driver, power rammer, and three-point lock mechanism. This illustrates the City's ability to procure products at prices below market-related rates.

Overview of analysis 2023/24



Items above market price

Tables 16, 17 and 18 list the items that comprise 27% of the total goods procured in 2023/24 for which the City paid above market prices. Each item was analysed individually to determine the reasons why it was purchased above market price, and the results were grouped into three distinct categories based on these reasons.

Lack of competition

Lack of competition refers to items for which only a single bid is received during procurement. With no alternative offers to compare against, the City has limited leverage to negotiate lower prices, which can result in paying above market rates. These items amount to 30 of the 81 commodities above market price in 2023/24.

Table 16: Lack of competition items

Lack of competition: Items	
Junior ranger service provider	Seal kits: Piston and rod seal kit
Senior ranger service provider	Building manager
Gel battery	Grooved rubber wheels: Corundum wheels for crawler
Cabinet controller	Deep-cycle batteries
UPS	Software licenses: Microsoft Windows Server 2016 User CAL
4 x 4 chassis cab	Tape media and labels
1-ton panel van	Receptionist and project admin
Seven-seater sport utility vehicle	BW Business Trunk Package or equivalent
Senior support engineer	Legal specialist
Support engineer	150 km round trip A: and not ; Swartklip
Pole box and overhead service installation	Homebase site high-pressure 5 m hose 25 mm
Supply GPS antenna	Barbed wire on structure
Hand sanitiser dispenser	Containers
Thermal printer paper	Antenna equipment, complete dish
Cleaning supervisor, day shift	Concrete

Preferential procurement – B-BBEE and enterprises

Preferential procurement – B-BBEE and enterprises refers to items purchased where the City paid a premium to advance historically disadvantaged individuals (HDIs) and broad-based black economic empowerment (B-BBEE) objectives. In

these cases, the higher price reflects the outcome of the application of the Preferential Procurement Regulations, where price accounts for 80 or 90 out of the 100 maximum points awarded, for tenders up to and above R50 million, respectively. These comprised most of the 81 items, up to 42 items in the 2023/24 financial year.

Table 17: B-BBEE and enterprise items

B-BBEE and enterprise	
Manhole covers/frames and grids	1,5 mm² conductor
Grade C operator	Connection to sewer at manhole
Dumping at Vissershok private waste disposal site	Armed security officer
Traffic engineer	Aerial-bundled conductor
Cranes: Hourly labour rate	Aerial-bundled conductor comprising aluminium phase conductors
Vehicle hire 1-1,5 ton LDV	Crushed stone
Small-world systems administrator	Remote transmitter battery
On-site support	Portland cement
Handheld device and printer card machine	Unskilled labour
Supply water meter box	Single-phase split prepayment meter measuring and control unit (MCU)
Bubble paving	Non-structural repairs for out-of-warranty vehicles
Senior frontend developer	Forklift
Equipment rental: Guard hut	Plumbing Certificate of Compliance
Supply and construct precast concrete kerbing and channelling	Supply of batteries
Field ranger for baboon management	Social media specialist
Hiring of bulldozer	Copywriter
Firefighter	IBR profile roof covering
Floating barge dredger for maturation plant	Synthetic-fibre filter fabric
Earthworks (pipe trenches)	Plastic (granite) urinal
Conveyancing legal service	Candidate attorney
Principal project manager – SAP Services	SCM specialist

Other items

Other items refer to 9 out of the 81 purchases in 2023/24, where the reasons for paying above market price are not due to a lack of competition, nor the enterprise type, or preferential procurement guidelines. Alternative lower-priced offers and bidders with higher preferential procurement scores were present, but the award was to a different bidder. The commodities were assessed individually, and price differentials may occur, as awards on price and preference are determined using the total contract value, calculated according to a predefined

weighting per item. In accordance with the PPPFA, however, contract value variances may not exceed 20% in 80/20 tenders and 10% in 90/10 tenders.

Several factors may explain why these items fall into this category. First, reputational risk issues with certain bidders, particularly in construction and security contracts, have restricted the City’s supplier options. Secondly, contracts are assessed on total basket value rather than individual item pricing. Therefore, above-market pricing on specific items does not mean the entire contract exceeds market rates.

Table 18: Other items

Other	
Content developer	Integrated media module
Classroom training sessions for HR business systems courses	Safety and security specialist
Supply of 110 mm duct	32-amp 3p din-rail circuit breaker
Supply of brick paving	Ecoaire fan
Maintenance on existing HVC	

Price differentials – preferential procurement

Table 19 depicts the items for which the City paid a premium as a result of preferential procurement . While these purchases may reflect price differentials compared to the lowest available offers, they demonstrate how the City complies with procurement legislation by balancing cost considerations with transformative socio-economic goals, while still achieving overall value for money.

Large price differentials between the lowest bid and the awarded price may occur, as awards on price and preference are determined using the total contract value, calculated according to a predefined weighting per item. In accordance with the PPPFA, however, contract value variances may not exceed 20% in 80/20 tenders and 10% in 90/10 tenders.

Table 19: Preferential procurement items

Item	Unit of measure	Lowest bid (R)	Awarded (R)	Variance (R)	Variance (%)
1,5 mm² conductor	Metre	86,90	92,29	5,39	6%
Connection to sewer at manhole	Number	1 140,00	5 800,00	4 660,00	80%
Armed security officer	Month	16 468,60	18 543,59	2 074,99	11%
Aluminium aerial-bundled conductor	Unit	60,37	60,37	0	0%
Crushed stone 13 mm	Metre³	260,00	643,55	383,55	60%
Remote transmitter battery	Each	16,00	200,00	184,00	92%
Portland cement	Ton	864,05	2 500,00	1 635,95	65%
Unskilled labour	Hour	25,00	58,00	33,00	57%
Single-phase split prepayment meter (MCU)	Unit	538,33	683,55	145,22	21%
Non-structural repairs for vehicle	Hour	150,00	240,00	90,00	38%
Forklift	Day	2 100,58	4 950,00	2 849,42	58%
Plumbing Certificate of Compliance	Unit	650,00	3 300,00	2 650,00	80%
Supply of batteries	Unit	2 517,65	2 517,65	0	0%
Social media specialist	Hour	650,00	743,00	93,00	13%
Copywriter	Hour	595,00	1 002,00	407,00	41%
IBR profile roof covering	Metre²	30,00	220,00	190,00	86%
Synthetic-fibre filter fabric	Metre²	12,00	28,00	16,00	57%
Plastic (granite) urinal	Number	382,17	3 500,00	3 117,83	89%
Manhole covers	Unit	1 543,04	3 037,68	1 494,64	49%
Grade C operator	Hour	38,59	55,00	16,41	30%
Cost of dumping at Vissershok private waste disposal site	Ton	1 422,00	1 500,00	78,00	5%
Traffic engineer	Hour	400,00	1 100,00	700,00	64%
Cranes	Hour	4,95	400,00	395,05	99%
1,5-ton vehicle hire	Hour	30,00	82,15	52,15	63%
Small-world systems administrator	Hour	1 086,69	1 086,69	0	0%
On-site support to meet performance level agreements	Hour	1 348,00	1 743,64	395,64	23%
Handheld device and printer	Unit	555,56	1 452,02	896,46	62%
Water meter box	Unit	380,00	380,00	0	0%
Bubble paving	Metre	480,00	480,00	0	0%
Senior frontend developer	Hour	295,24	649,21	353,97	55%
Guard hut	Month	730,00	1 582,66	852,66	54%
Precast concrete kerbing and channelling	Metre	186,00	220,98	34,98	16%
Field ranger for baboon management	Month	5 259,00	5 259,00	0	0%
Hiring of bulldozer	Hour	1 095,00	1 195,00	100,00	8%
Firefighter	Hour	352,83	352,83	0	0%
Floating barge dredger	Hour	14000,00	14 000,00	0	0%
Pipe trenches	Metre	60,00	250,00	190,00	76%
Legal support service	Hour	700,00	2 550,00	1 850,00	73%
Principal project manager	Unit	925,00	925,00	0	0%
Candidate attorney	Hour	630,00	1 350,00	720,00	53%
SCM specialist	Hour	1 431,13	1 625,00	193,87	12%



Equity

B-BBEE

The B-BBEE and historically disadvantaged individuals (HDI) information shown below was obtained from the SCM quarterly reports, where the annual results for the 2022/23 and 2023/24 financial years were reported.

The City's procurement process navigated the constitutional differences between sections 217(1) and 217(2), balancing competitive, cost-effective procurement with preferential policies for economic transformation. Using the PPPFA's 80/20 and 90/10 preference point systems, the City weighted price competitiveness against B-BBEE compliance and transformation objectives. This report examines the cost implications of this balancing act, analysing how preferential procurement affected market competitiveness, the price premiums paid for transformation goals, and whether the preference systems maintained sufficient competition to deliver value for money while advancing economic inclusion across the City's procurement portfolio.

The 2022/23 amendments under the PPPFA introduced specific goals as quantifiable (exact types and percentages) ownership goals, which will be detailed in the report as additional evaluation criteria. Please note that the specific goals referenced are based on the amended PPPFA (2000) as revised in 2022 and may differ from the goals applicable at the time of the original tender award.

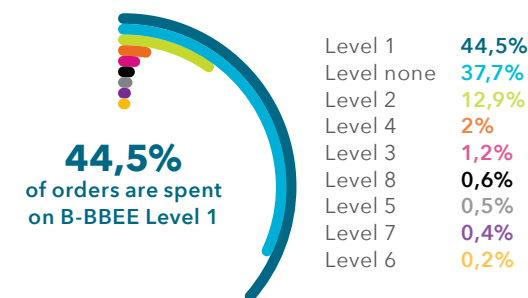
Bidders classified as having no B-BBEE level can be attributable to the following reasons:

- EME or QSE not verified
- Foreign companies
- B-BBEE non-compliant
- Expired B-BBEE certificate/affidavit

These bidders have been categorised as 'None' for visualisation purposes.

B-BBEE order values %

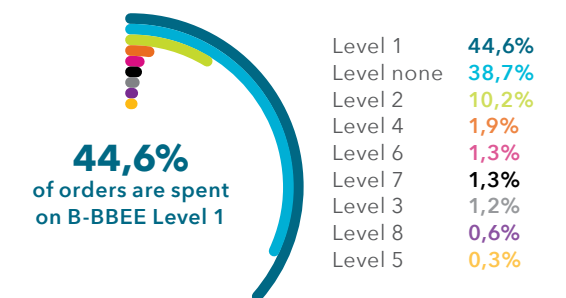
2022/23



Graph 11

B-BBEE order values %

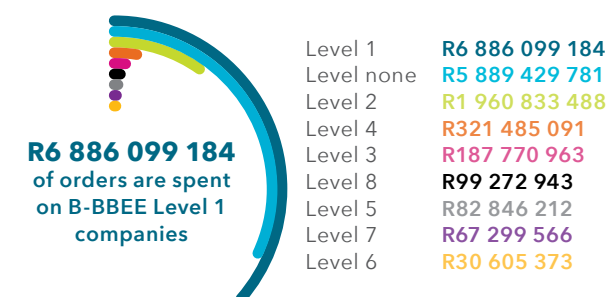
2023/24



Graph 12

B-BBEE order values

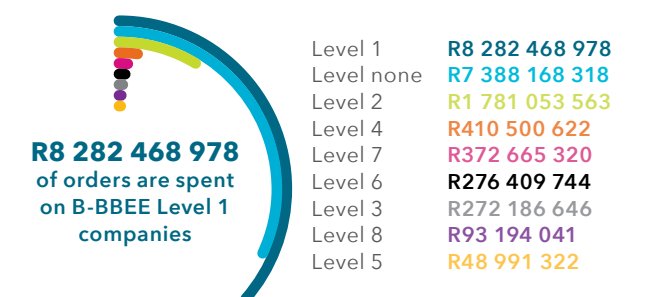
2022/23



Graph 13

B-BBEE order values

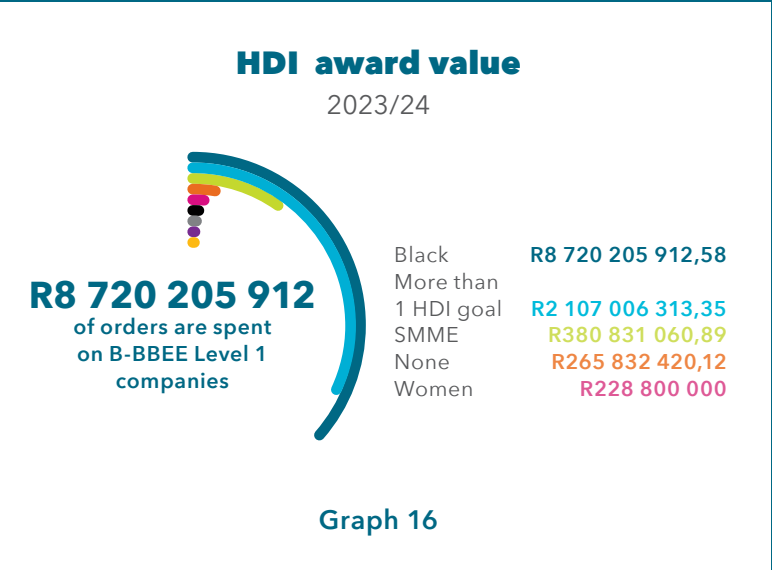
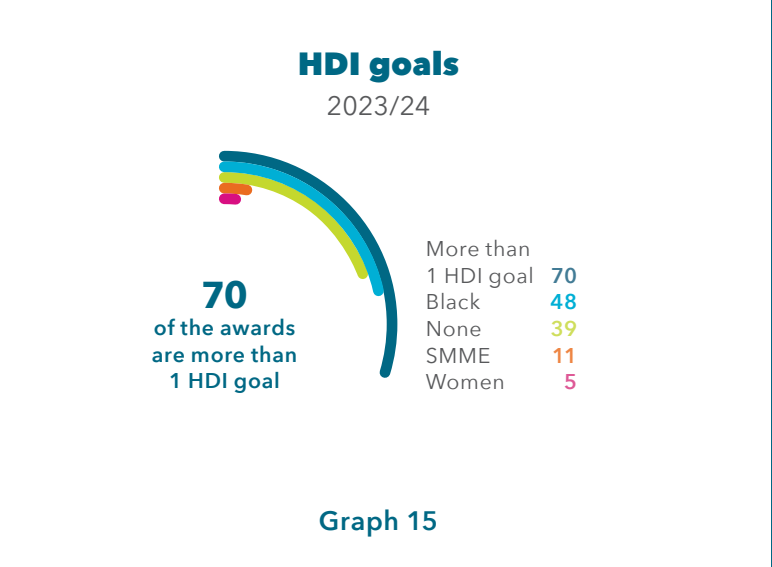
2023/24



Graph 14

HDI graphs

The HDI goals have been reported on by the City since the financial year 2023/24. These goals zone in on more specific goals regarding equity targets.



Impact on businesses

The City is committed to being the easiest municipality to do business with. This commitment extends to how procurement contracts are allocated across different types of enterprises.

The HDI goals show that the City has awarded the majority of the contracts to enterprises that are either majority black-owned or enterprises that satisfy more than one HDI goal, indicating alignment with fair and competitive procurement practices. Better procurement outcomes enable greater service delivery and infrastructure investment for communities.

The analysis reveals that tender awards must be contextualised by the nature and complexity of procurement requirements. Certain contracts, particularly major infrastructure projects, require technical capacity, financial resources, and operational scale that many SMMEs cannot currently provide. In these instances, awarding to larger, established enterprises may be the only viable option to ensure successful project delivery.

However, where the data indicates that qualified SMMEs are unsuccessful due to bid quality rather than capacity constraints, it presents an opportunity for targeted supplier development interventions. The City can leverage its supplier development programmes to enhance the technical and commercial capabilities of these enterprises, enabling them to compete more effectively with established companies over time.

The optimal approach balances immediate value for money with long-term transformation objectives, ensuring residents receive quality services at competitive prices while building the capabilities of exempt suppliers to expand future competition and market participation.



Effectiveness and efficiency

Quantitative and qualitative

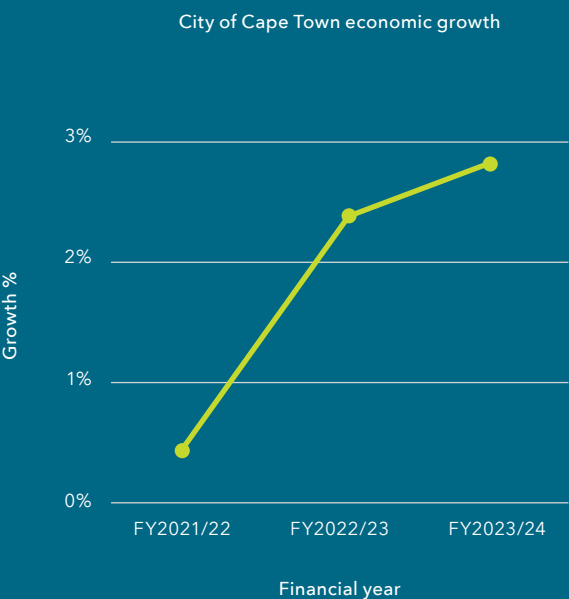
The City’s vision as indicated by the IDP 2022-2027 is to facilitate a city of hope by accelerating economic growth, providing basic services, prioritising safety and transport, housing and public space and the environment and amenities. The City also believes in the creation of a reliable and sustainable public transport system.

Economic growth

According to City Manager, Lungelo Mbandazayo, the City’s biggest achievement in 2022/23 was the disbursement of R7 billion in capital expenditure to ignite economic activity and growth. In the same context, the City recorded a 0,5% average economic growth in the previous five years ahead of the report. According to their performance management report, the City improved on three out of seven objectives and regressed on two out of seven objectives. Two other objectives were on target. The community satisfaction survey indicated

improvement in satisfaction for both local area tourism and area development. The City’s procurement policies focus on job creation. Specifications in procurement policies set out that general and unskilled workers be sourced from the City’s Job Seekers database. It is also stipulated that labourers for various City projects be recruited from nearby informal settlements.

In 2023/24, the City reported a 4,3% decline in unemployment, with over 200 000 jobs created. In the same year, the City was able to improve the duration of all their core service delivery processes, including issuance of business licences and informal trading permits, all of which are accelerants of economic growth. A considerable 139 upcoming events were scheduled to be held in the City from July to December 2024, a massive tourist and auxiliary income injection. In this financial year, one objective improved and the other one regressed in terms of the Community Satisfaction Survey. For this, the performance management indicator reveals that three out of six objectives regressed, two out of six improved and only one out of six was on target.



Graph 17

Basic services

Key performance objectives for this indicator included the provision of toilets in informal areas, waste removal, and general cleaning services in informal settlements. The bulk of the indicators involved sewer pipeline replacements and compliance with drinking water standards. Mayor Geordin Hill-Lewis reported a 30% decline in sewer spills due to massive investments in water and sanitation infrastructure (City of Cape Town, 2023). This improvement comes with subsequent plans to upgrade wastewater treatment works. The City achieved improvement in eight out of 13 objectives, while five out of 13 objectives regressed. All items for the customer satisfaction survey increased in the 2022/23 financial year.

In the subsequent financial year (2023/24), the City reported that 99,84% of recognised informal settlements receive basic waste removal and area cleaning services. A total of four tenders assessed for that financial year were targeted towards the placing and servicing of chemical toilets in Khayelitsha and Gugulethu, and contributing towards providing basic services in informal areas. Three were centred around waste removal in the City and surrounding areas. More than 210 000 people in the City received free basic services (water and sanitation, amongst others) in the same year. Outcomes on this performance indicator reveal that 10 out of 13 objectives improved, and that three out of 13 regressed.

Safety

The Mayor reported a three-year R860 million investment in safety technologies such as drones, bodycams and CCTV. Three tenders assessed in 2023/24 covered CCTV technologies, while another looked at wildlife and human safety in baboon management. Safety was reported as the top priority (20,3%) amongst the top five identified in the draft IDP engagements and input phase (Dec 2021/Jan 2022) (CCT, 2023). The 2022/23 year-on-year satisfaction levels for law enforcement, disaster management and traffic services improved significantly, while fire services and public emergency services saw slight declines. According to its performance management report, the City improved on five out of five objectives set out in its IDP.

The City Manager reported on extensive investment in new technology solutions in the 2023/24 year. Five out of five objectives were above target in the same year. Year-on-year, crime rates have, however, increased in the number of crimes reported for 2023/24, namely 5 263 per 100 000 (2022/23: 4 785), 1 863 per 100 000 property-related crimes (2022/23: 1 669) and drug-related crimes being 946 per 100 000 (2022/23: 886).

Transport

The City's mission is to create a reliable transport system that benefits all its citizens, particularly underprivileged and vulnerable Capetonians. The municipality's dedication to this pursuit is driven by its Road Safety and Maintenance Programme. Through the programme, almost R60 million has been invested in road rehabilitation and over R9 million in stormwater rehabilitation and improvement.

The Community Satisfaction Survey shows increased satisfaction of citizens with public transport, roads and stormwater drainage. The City achieved improvement in 2/5 objectives while 3/5 objectives were on target under the Transport indicator.

In 2023/24, the municipality completed 97% of stormwater projects (2022/23: 108%) with 231,14 km of roads that were resurfaced, rehabilitated or resealed in the same year. Assessed tenders that meet this vision objective covered maintenance of the City's MyCiTi bus fleet and transportation of the City's employees to and from work.

Housing

The City's housing indicator is driven through multiple programmes, including the Public Rental Housing Programme, the Informal Settlement Upgrading Programme, and the Integrated Residential Development Programme, amongst others. The 2022/23 Community Satisfaction Survey revealed a year-on-year improvement in the satisfaction level in the sole housing and informal settlement objective in this financial year. The City achieved improvement in three out of six objectives, while the other three out of six objectives regressed.

In the following year, four out of six IDP objectives improved, while two out of six objectives regressed. Our assessment revealed a large investment in electricity provision in these housing settlements. The financial year 2022/23 showed that 94,9% of the City has access to electricity, which further improved to 96,7% in financial year 2023/24. This indicates that funds invested are being utilised effectively.

Public space, environment and amenities

The City achieved improvement in three out of six objectives, while the remaining three out of six objectives regressed. The Community Satisfaction Survey 2022/23 revealed an improvement in satisfaction in 10 out of 10 items for this objective. The Biodiversity Management and Primary Healthcare initiatives run by the City boast impressive statistics that encourage treatment and cures for HIV, TB and diabetic citizens. For this financial year, we assessed a tender for the maintenance of recreational city facilities, which therefore addresses this objective.

Indicators show that 92% of people with HIV started treatment in 2023/24, up from 85% in the year 2022/23. The same improvement can be seen for TB treatment started at 96% in 2023/24 (2022/23: 94%). In 2023/24, all six out of six items for the Community Satisfaction Survey either increased from the previous year or remained the same. The performance indicators reveal that no objectives regressed, five out of six improved, and one out of six was on target. There were two tenders that addressed the public space, environment and amenities objective in the same financial year.



Graphs

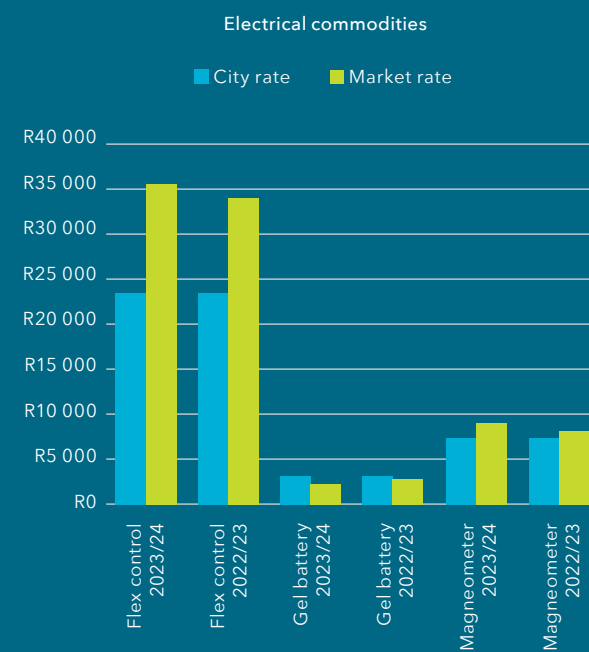
Key commodities

This section provides detailed insights into repeat items procured in both financial years.

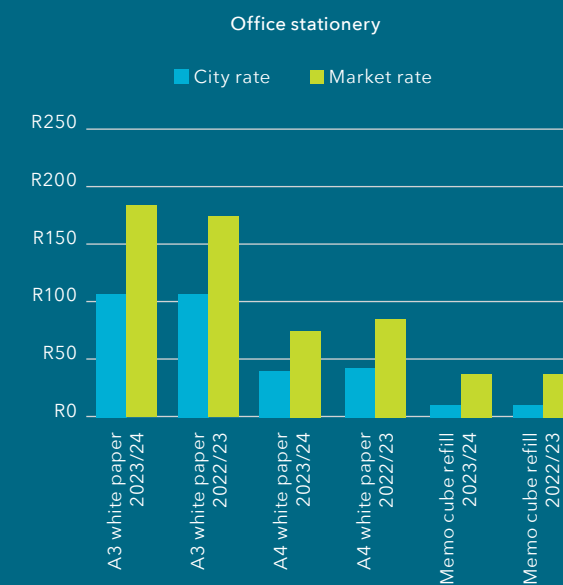


Graph 18: The City was able to procure cement and sand below market price in both 2022/23 and 2023/24, marking a maximum of 60% below market price for sand in 2023/24 and a minimum of 27% below market price for cement in 2022/23.

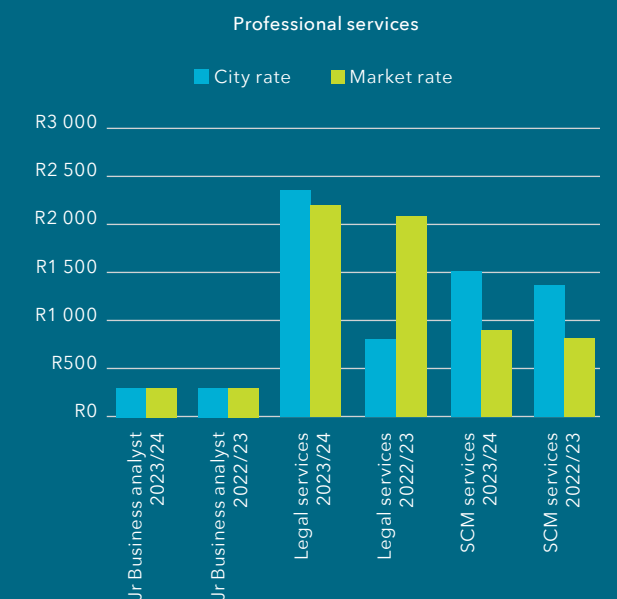
The exception, where the City paid above market price in both financial years, was for adult burial reopenings, in which the City paid a maximum of 3% above market price and a minimum of 1% above market price respectively.



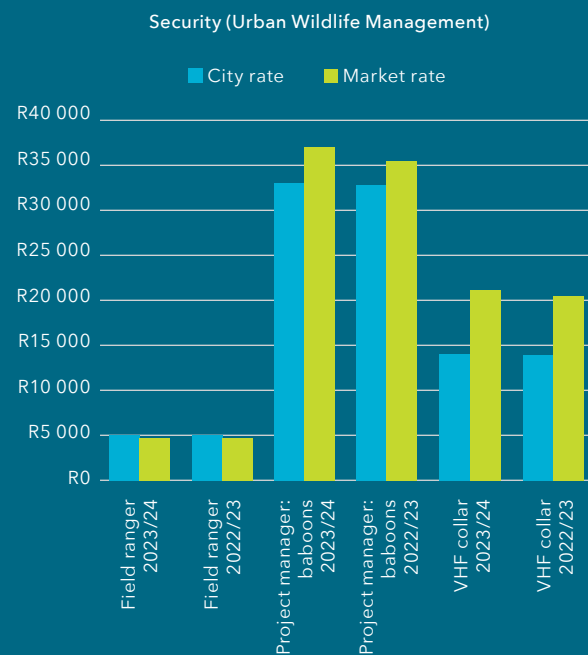
Graph 19: The flex controller and wireless magnetometer were acquired below market price by the municipality in both financial years. Contrastingly, the gel battery was purchased above market price in both financial years, following the same pattern as previously reported in the Procurement Transparency Report 2021/22. This could be because gel batteries are considered specialised power solutions. These are highly technical items, especially in the context of procurement.



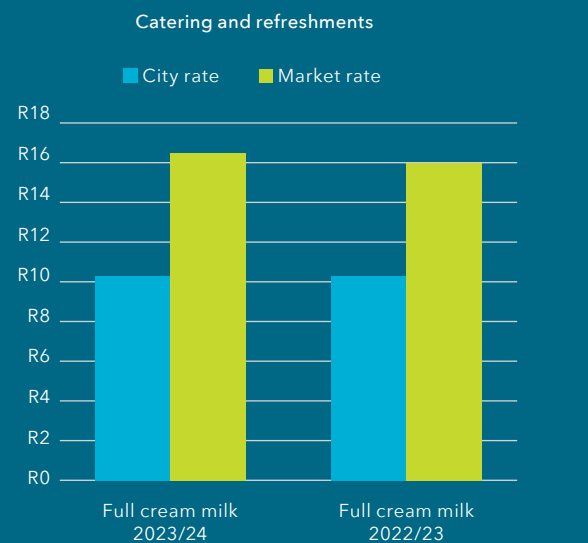
As per **graph 20**, the City procured A3 and A4 white paper as well as white memo cube refills. These commodities were procured below market price in both financial years. An impressive 80% below market price was paid for the white memo cube refill in 2023/24, while 43% below market price was paid for A4 white paper in 2023/24 and A3 white paper in 2022/23. These margins were likely attainable due to the abundant supply and high availability of supplies in the market for these items.



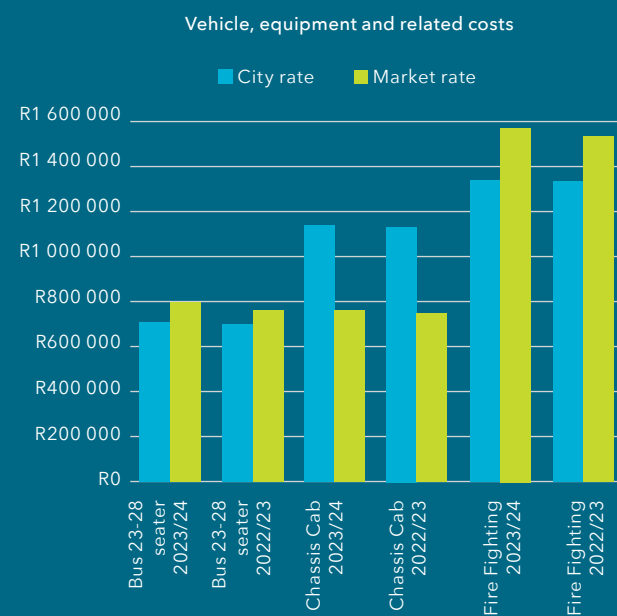
Graph 21: The City was able to enlist the services of a junior business analyst at market-related prices. This is likely due to the experience of a junior being not excessively specialised. The SCM specialist was enlisted well above market price. This can be attributable to the tender's extensive expertise required in understanding regulations, laws and frameworks that apply to the municipality, which increases competition and drives up prices.



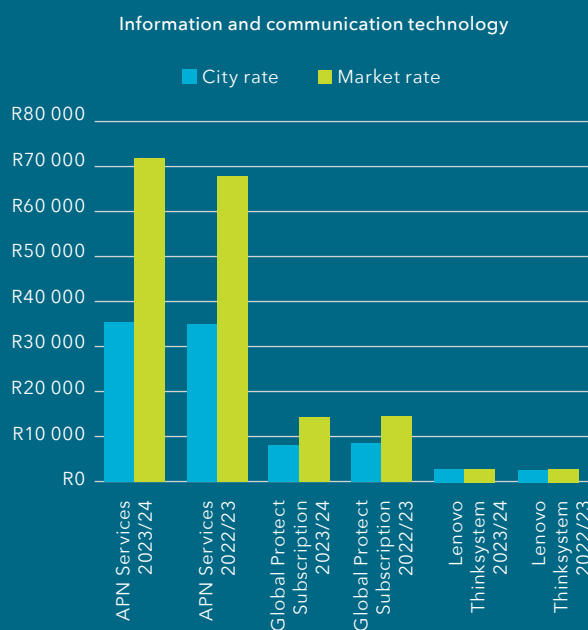
Graph 22: Baboon management is a key priority to the municipality for a multitude of reasons. As part of its security efforts, extensive resources are deployed for these purposes. In both financial years under assessment, baboon VHF collars and project managers for baboon management were procured and enlisted below market-related prices. Field rangers for the same purpose were enlisted at 3%-6%



above market-related price for both financial years. As depicted in **graph 23**, the City paid less than market price for 1-litre full-cream, long-life milk in the catering and refreshments procurement category. These sustainable margins were achieved due to the plentiful supply and widespread availability of suppliers for this item in the market.



As presented in **Graph 24**, vehicle and equipment hire, purchase and related costs make up a large portion of the City's expenditure. This category supports the operational demands of multiple departments and directorates and covers capital-intensive projects. The City paid below market price for the firefighting unit and the 23-28-seater bus in both years and paid above market price for the



4x4 chassis cab in 2022/23 and 2023/24. **Graph 25** displays that, in both years, the City was able to procure information and communication technology items and commodities below market-related prices. These items supply the operational needs of technology-heavy projects and, as such, they are purchased consistently in a growing supplier market.

Conclusion

The analysis and assessment aimed to determine the City's ability to attain value for money. This is done to ensure that services delivered by the City translate into actual value for end users. The main focus areas of this assessment were economy, equity, efficiency and effectiveness.

The commodity analysis of over 600 commodities for the financial years 2022/23 and 2023/24 has shown that the City can effectively procure more than 70% of products and services at rates below market value, with the remainder being either equal to or above market value. This showcases the City's ability to ensure a competitive and fair procurement process with a focus on obtaining products and services at fair prices without compromising on quality.

Preferential procurement goals, as set out in legislation and regulations for the contracting process, focus on ensuring equitable procurement. The City has continuously adhered to these standards, and as a result, more than 44% of the total contractual spend for the two financial years under review has been with companies claiming a Level 1 B-BBEE. This indicates that procurement channels allow equitable procurement. More importantly, it demonstrates that it is not necessary to compromise value for money and

competitiveness unduly to attain broad participation in a public entity's supply chain. While a handful of commodities were procured at above-market prices due to preferential procurement scoring, a significant majority of the City's most-procured goods and services was procured at highly competitive, below-market prices, preferential procurement notwithstanding,

In the assessment of the efficiency and effectiveness of the City's service delivery, the IDP goals and progress towards these goals were assessed. This ensures that not only quantitative information is used to determine the overall value for money. The City has shown progress towards its IDP goals, as all directorates have shown improved performance from previous financial years assessed.

In conclusion, this assessment has found that the City delivers value for money through a transparent procurement process with a focus on delivering quality goods and services to end-users at the best possible price.

The City can learn from this analysis, identify gaps, and improve processes. This should help the City to ensure that the prices it pays for goods and services remain competitive, and that its procurement system remains equitable, efficient and effective.

Annexures

Procurement transparency report

City prices and market rates are exclusive of VAT. Financial year 2022/23.

Energy

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Conductor 1,5 mm²	Metre	92,29	90,70	2%▲	Each 1,5 mm² conductor shall consist of strands of annealed copper flexible conductors and shall be in accordance with SANS 1411-1. Each conductor shall be insulated in accordance with NRS 011. The voltage rating shall be 600/1000 V.
Aluminium conductor distribution cable	Unit	54,86	107,34	49%▼	Two-core, three-core and four-core distribution cables shall be PVC-insulated and bedded, galvanised steel wire armoured, and PVC-sheathed cable complying with the requirements of SANS 1507-3. Conductors shall be solid aluminium or stranded aluminium, per SANS 1411-1. Conductors shall be insulated with flame-retardant PVC insulation that complies with the requirements for Type D2 of SANS 1411-2.
Aluminium aerial bundled conductor 25 mm²	Metre	13,71	14,89	8%▼	Aerial bundled conductor comprising 2x 25 mm² 2-core aluminium phase conductors, as specified.
Copper conductor single-core service cable	Unit	44,14	47,41	7%▼	10 mm² copper conductor single-core service cable with concentric split neutral and earth conductors and pilot cores. Conductors shall be insulated with flame-retardant PVC insulation that complies with the requirements for Type D2 of SANS 1411-2. Comply with the requirements of SANS 1507-6. Cable outer sheath shall be polyethylene per the requirements for Type PS1 of SANS 1411-7.
Aluminium aerial bundled conductor 35 mm²	Metre	43,28	35,84	21%▲	Aerial-bundled conductor comprising 3x 35 mm² 3-core aluminium phase conductors, 1x 54,6 mm² aluminium alloy neutral conductor and 1x 25 mm² aluminium street lighting conductor, as specified.
Copper conductor distribution cable 6 mm²	Unit	60,37	55,44	9%▲	6 mm² 2-core copper conductor distribution cable.
Cable 10 mm²	Metre	231,53	253,28	9%▼	Conductor cable 10 mm² 2-core or 4-core copper or aluminium.
Copper conductor 25 mm²	Each	407,00	427,09	5%▼	25 mm² 3-core 6,35/11 kV copper conductor as specified.
Gel battery	Unit	3 477,00	2 570,34	35%▲	Battery 100AH 12VDC deep-cycle, low-maintenance GEL battery. Must have a cold-start function, unit to a self-testing system while turning on the UPS, a maintenance bypass switch, and deliver pure sine wave output. Input power factor must be more than 95%.
Cabinet UPS	Each	25 408,00	35 027,67	27%▼	3CR12 Ultra-secure cabinet and base to house UPS and 6x 100 AH and 105 AH batteries equivalent to the current cabinets used. Must be vandal-proof and fitted with rubber protection.
Supply UPS	Each	9 436,00	7 187,57	31%▲	1kW long-run UPS electronic module, 400V continuous mains input compatible with RMS. Microprocessor-controlled with communication ports selectable between Smart RS232 and intelligent slot for AS-400, and SNMP card. Base mounted with an external battery socket for extended battery backup time.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
UPS electronic module	Each	8 964,00	9 123,47	2%▼	2kVA UPS electronic module to be supplied for the Transport Network Management Department.
Batteries 12V wet type	Unit	2 517,65	2 415,43	4%▲	Batteries 12V wet type. Maintenance-free lead-acid/calcium. For usage in automobiles.
Batteries 12V	Unit	858,00	915,39	6%▼	Batteries 12V maintenance-free, lead-acid/calcium.
Cabinet controller	Each	69 803,00	64 346,58	8%▲	12-phase controller including router kit with a 16-channel detector interface and pedestrian interface units with LCD SPM or equivalent.
Flex control kit	Each	25 273,00	37 853,87	33%▼	Flex control complete kit for traffic controller or equivalent.
Wireless magnetometer	Each	8 018,00	9 387,96	15%▼	Wireless micro radar sensor, must interface with CCT traffic signal controllers.
ATM/AVM vending	c/kwh	0,03	0,03	14%▼	ATM/AVM vending commission rates.
Point-of-sale vending	c/kwh	0,02	0,03	5%▼	Point-of-sale vending for electricity meter, commission rate.
Electric meters AMI SYM2	Unit	3 040,00	6 484,15	53%▼	Electric meter class 1; 4-wire; 3-element type; SYM2 VDE specification without any modules. Server ID to be used as primary number and barcode on nameplate.
Single-phase split prepayment meter	Unit	683,55	630,24	8%▲	Single-phase split prepayment meter measuring and control unit (MCU), each rated at 80 A, 230 V, 50 Hz, radio protocol with internal antenna for self-powered common base CIU. Suitable for DIN rail.
Three-phase prepayment meter	Unit	1 280,00	1 653,46	23%▼	Three-phase prepayment meters each rated at 100A, 40V 50Hz 4-wire type.
Fuel diesel	Litre	10,98	57,98	81%▼	Diesel 0,005% sulphur content (50ppm). Diesel products to comply with SANS 342:2016 and subsequent editions.
LED driver (100-400 mA)	Unit	1 552,50	2 303,98	33%▼	Constant current dimmable LED driver (100- 400mA) compatible with DSI technology and the DALI interface protocol. Max output power: 50W; nominal life 100 000 hrs. Minimum 5-year warranty.
Recess mount luminaire with back reflector	Unit	1 476,00	1 855,71	20%▼	LED fitting: Recess mount luminaire with back reflector 597 mm x 597 mm; 22W; high-transmission optic; sheet metal housing; white powder-coated sheet metal; LED module; electronic LED driver; IP 20; 230V 50Hz; net luminous flux > 4,100 lumens. CRI > 80% colour temperature 4 000 K. Supplied with 5-amp 3 m lead.
Surface-mount, vapour-proof luminaire	Unit	1 314,00	1 442,69	9%▼	LED fitting: Surface-mount, vapour-proof luminaire; 1 270-1 280 mm x 100 mm; 32W; rectangular; UV stabilised, self-extinguishing polycarbonate diffuser; corrosion proof; white polycarbonate; LED module; electronic LED driver; IP 65 or IP66; 230V 50Hz; net luminous flux > 4 400 lumens CRI>80% colour temperature 4 000K.
LED luminaire	Unit	2 109,90	4 152,49	49%▼	Luminaires must be Class 1 to SANS 60598-1 and of the enclosed type. Luminous intensity distribution must be non-axial asymmetric. Upward light output ratio of less than 0,1%. 230 V, 50 Hz.
Street lighting pole	Number	10 253,00	16 291,96	37%▼	14,5 m heavy-duty galvanised steel street lighting pole.
Luminaire adaptor	Number	250,00	332,55	25%▼	Long side-entry single-light luminaire adaptor for street pole lighting structures.
Professional services architect*	Number	3 478 310,70	5 212 246,25	33%▼	A registered professional architect (Pr. Arch) or professional architectural technologist who has undertaken at least 10 (ten) verifiable projects.
Machine contouring*	Strip	1 379 815,00	1 379 815,00	0%▲	Machine contouring, NDP inspection, preparation and delivery of report.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Outdoor bulk metering unit*	Each	125 711,40	1 202 273,22	90%▼	Outdoor bulk metering unit (standard or compact) with 1 customer outgoing circuit, enclosed within a weatherproof kiosk, as specified.
Tubular steel transmission poles	Number	7 450,00	12 256,32	39%▼	11 m galvanised steel tubular transmission poles.
Meter kiosks	Each	3 382,56	5 854,67	42%▼	The installation of a kiosk, including QA services. The contractor will be required to provide the following services: Installation, reinstatement, trenching per meter and trench reinstatement per meter. Professional services relating to kiosk installation are included in the price offered.
Pole box and overhead service installation	Each	1 860,41	1 789,96	4%▲	Pole box replacement or installation of overhead supply to installations will require a pole box for split meters. The City of Cape Town will provide the pole box. The contractor will be required to provide the following services: Overhead service installation, professional services for overhead service installation, and pole box installation, which are to be included in the price offered.
Replace credit meter with split meter	Each	1 102,83	2 983,67	63%▼	An all-inclusive price for the removal of the existing credit meter and installation of a single-phase common-base and fitment of common-based CIU and MCU. (Replace credit with split.)
Replace ready board	Each	114,31	327,48	65%▼	Replacement of ready board and provision of CoC for the ready board as specified.
Straight-through joints	Unit	1 880,00	1 953,55	4%▼	Underground straight-through joint, cast iron, complete, suitable for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 3-core 11 kV PILC cable. Comply fully with the requirements of SANS 1332. Straight-through joints for PILC cable shall be suitable for use on 11 kV, 3-core, aluminium or copper conductor, paper insulated, screened, lead sheathed, hessian bedded, galvanised double steel tape armoured.
Bentonite clay powder	Kg	9,46	29,05	67%▼	Import of material for backfilling from commercial resources and compaction (includes the supply, delivery to site, and off-loading of soil material) bentonite clay powder (for improvement of soil resistivity) 25 kg bag.
Copper-clad steel anti-theft earth conductor	Metre	125,28	162,76	23%▼	70 mm² copper equivalent/ copper-clad steel anti-theft earthing conductor.
CCTV dash camera	Number	1 668,05	1 735,68	4%▼	Upgraded CCTV dash camera for use of the City.
Gear cover	Each	165,38	550,28	70%▼	Gear cover for 70W to 125W.
Rail-mounted circuit breaker	Each	64,29	106,79	40%▼	Circuit breaker: rail-mounted; 5A, 2,5kA, single pole, curve 3 / curve B.
Three-point locking mechanism	Unit	396,75	2 184,61	82%▼	Three-point locking mechanism for use at electrical kiosks and distribution pillars.
Gas torch	Metre	3 401,76	4 015,31	15%▼	Bormann gas torch for underground cable maintenance.
Cable test rod	Unit	5 290,44	6 413,59	18%▼	Cable test rod for use in underground cable maintenance and repairs.
2-way pole-mounted service distribution box	Unit	1 348,12	1 348,75	0%▲	2-way pole-mounted service distribution box (GRP) - electrification areas.
Barbed wire	Metre	29,99	26,10	15%▲	Barbed wire on electrical structures.
Brass gland	Metre	633,02	664,28	5%▼	Brass gland for single-core cables.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Vehicle hire 1-1,5 ton	Hour	82,15	54,62	50%▲	Diesel, max. 240 Nm, 70 kW, manual 5-speed, max. speed 120 km/h, payload 1 500 kg, power steering. Wet rate.
Tip truck	Hour	300,00	401,64	25%▼	Tip truck with capacity of 10 m³.
Water tankers 5 000 litres	Day	3 800,00	7 298,10	48%▼	Water tankers (capacity 5 000 litres) to be utilised for stormwater infrastructure and maintenance.
Candidate attorney	Hour	1 350,00	1 166,78	16%▲	Law graduate undergoing practical training providing support services.
Receptionist and project administrator	Month	25 980,00	18 188,82	43%▲	Receptionist for the transport information centre acting as project administrator.
Artisan for maintenance of stormwater infrastructure	Hour	33,34	77,80	57%▼	Artisan/operator to perform maintenance services on stormwater infrastructure. Normal working hours
Labourer for maintenance of stormwater infrastructure	Hour	23,82	33,87	30%▼	Labourer to perform maintenance services on stormwater infrastructure. Normal working hours
Cleaning of catchpits by hand	Unit	53,83	290,89	81%▼	Disposal of material such as sand, sludge, tree roots or other foreign matter from catchpits and the mouth of the connection. The Vissershok landfill site is a private site, and tariffs are determined by Vissershok waste management facility. Contractor is therefore required to adhere to the tariff for disposal at Vissershok waste management facility.
Junior technician	Hour	287,60	462,77	38%▼	Ad hoc services associated with the supply, installation and maintenance of Avigilon or equivalent CCTV camera systems, associated CCTV networking hardware, software monitoring, and related equipment.
Lift inspector	Hour	1 108,80	1 185,94	7%▼	Machinery lift inspector rate. Weekday 05:00-22:00 (Monday to Friday).
Unskilled labour	Hour	58,00	29,56	96%▲	Unskilled labour rates for the provision of traffic calming measures.
Pavement and materials engineer	Hour	300,00	679,38	56%▼	Pavement and materials engineer, normal working hours, rate for roadwork services.
CAD operator	Hour	400,00	399,80	0%▲	CAD operator to provide professional services for rail feasibility study.
Registered environmental assessment practitioner (EAP)	Hour	450,00	678,95	34%▼	Professional services for roadworks: Registered environmental assessment practitioner (EAP).
Traffic engineer	Hour	1 100,00	764,59	44%▲	Professional services for roadworks: Traffic engineer.
Cranes operator	Hour	400,00	293,03	37%▲	Cranes operator hourly labour rate.
Concrete	Metre³	3 402,03	2 395,26	42%▲	Strength of concrete 30 MPa / 19 mm aggregate to foundations.
Glass fibre grid	Metre²	53,77	67,10	20%▼	Glass fibre grid for asphalt reinforcing (50kN). Specification B: Type 1.
Cobble paving	Metre²	95,00	153,00	38%▼	Cobble paving for road surfaces (65 mm clay paver).
Amber flicker lights	Unit	35,00	321,41	89%▼	Temporary traffic control facilities: Amber flicker lights.
Red paint	Litre	10,00	147,52	93%▼	Variations in the rate of application: red paint.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Bubble paving	Metre	480,00	448,60	7%▲	Supply bubble paving for road works and surfaces.
Yellow lines	Metre	2,60	17,14	85%▼	Broken or unbroken 100 mm-wide yellow lines painted on road surfaces.
Plastic-coated diamond mesh fencing	Metre	300,00	850,70	65%▼	Plastic-coated diamond mesh fencing is used in traffic calming measures.
Enamel paint	Each	161,90	593,72	73%▼	White enamel paint, high gloss; 5 litres. Specifications: Aqueous solvent; standards: SANS 630 and bearing SABS mark OR ISO 9001; Elementary SANS 1091.
Duct 110 mm	Metre	101,00	62,22	62%▲	Supply and installation of ducts by thrust boring/ directional drilling (refer to construction specification in section 5). Supply of 110 mm duct.
Steel tubing for road signs	Metre	110,00	178,71	38%▼	Steel tubing for road signs 60 mm x 2,0 mm. Road sign excluded.
Printing A4	Unit	0,60	1,12	47%▼	Printing size A4: Black and white on white paper.
Laminated A4	Unit	9,50	9,83	3%▼	Laminated posters A4 (single-sided colour).
Laminated A2	Unit	45,00	124,74	64%▼	Laminated posters A2 (single-sided colour).
Microsoft Windows Server 2016 User CAL	Month	699,02	635,33	10%▲	OEM support, software licences: Microsoft Windows Server 2016 User CAL.
Traffic cones	Unit	320,00	355,58	10%▼	Traffic cones size > 600 mm. Provision for traffic calming measures.
Brick paving	Metre²	613,00	333,59	84%▲	Supply of brick paving for traffic signal maintenance and repairs for the City.
Herbicide	Litre	10,00	140,58	93%▼	Applying bituminous binders and herbicides for sealing cracks: Herbicide.
Guard hut	Month	1 582,66	985,14	61%▲	Guard hut: Monthly rental.
Bus inspection and maintenance*	Per service	3,55	2 651,15	100%▼	Bus inspection and maintenance at the following intervals: 40 000 km intervals (including cost of service parts, excluding fixed labour, consumables and overheads).
Road markings	Metre	22,00	22,76	3%▼	Removal of existing road studs for road maintenance services.
Retro-reflective beads	Kg	14,00	30,83	55%▼	Retro-reflective beads for road markings.
Concrete pipe culverts	Metre	670,00	799,08	16%▼	Prefabricated concrete pipe culverts: On class B bedding (525 mm diameter spigot/socket, class 100D).
Fibre filter fabric	Metre²	28,00	21,23	32%▲	Synthetic-fibre filter fabric (woven polypropylene, grade S120).
Copper cable 16 mm²	Metre	40,00	82,32	51%▼	Installation of copper cables (or pipe/tape) in trenches, excavation measured separately 16 mm².
Employee transportation	Day	2 700,00	2 494,93	8%▲	150 km round trip to Swartklip. Transportation of 11-13 employees.
White paint	Litre	30,00	53,00	43%▼	Variations in rate of application: White paint; solvent-borne.
120-micron refuse bag	Unit	3,15	15,42	99%▼	120-micron refuse bags to be utilised in refuse removal and waste disposal for the CCT.
75-gram polypropylene cloth bag	Unit	9,10	164,23	94%▼	75 g polypropylene cloth refuse bags to be utilised in refuse removal and waste disposal for the CCT.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
40-micron bag	Each	1,45	9,68	85%▼	40-micron refuse bag for use in the City's waste removal.
Goodyear tyre for earthmover	Unit	46 912,24	52 337,95	10%▼	For earthmoving / mechanical plant equipment. Tenderers should provide proof of SANS certification for all tyres offered.
Bridgestone tyre for truck	Unit	7 550,39	8 992,91	16%▼	Light truck and trucks. Tenderers should provide proof of SANS certification for all tyres offered.
Dunlop or Summit tyre for truck	Unit	6 505,20	7 410,83	12%▼	Light truck and trucks. Tenderers should provide proof of SANS certification for all tyres offered.
Firestone tyre for truck	Unit	6 105,00	6 827,95	11%▼	Light truck and trucks. Tenderers should provide proof of SANS certification for all tyres offered.
Supply and install charcoal concrete interlock pavers	Metre²	285,00	756,61	62%▼	Segmented paving, construct herring bone pattern layout, segmented paving area complete, including all cutting and fitting edge restraints, 25mm sand bedding layer graded jointing sand, and roll to lockup state for following pavers unit types 80-millimetre charcoal concrete interlock pavers.
Traffic signboards	Metre²	800,00	1 049,45	24%▼	Road signboards with painted and coloured semi-matte background symbols lettering and boarding in semi-matte or in class 1 retro-reflective material where the signboard is constructed from preprinted one-point 4 mm chromatic plate triangle area less than but up to including five square metres.
Gate valve	Number	6 680,00	7 014,49	5%▼	Supply and install AVK-type 110 mm diameter gate valve.
Water meter chamber*	Number	29 000,00	36 246,60	20%▼	Construction of a bulk water meter chamber for civil works.
Articulated dump truck (6x6)	Hour	440,00	568,07	23%▼	Hiring of an articulated dump truck (6x6), 18 000-20 000 kg – with licensed operator / driver.
Bulldozer	Hour	1 195,00	1 088,33	10%▲	Hiring of a bulldozer. 35 000-37 000 kg with licensed operator / driver.
Seal kits	Unit	2 250,00	1 861,59	21%▲	Seal kits: Piston and rod seal kit for 70 mm diameter.
MPF filter	Unit	1 018,00	1 036,06	2%▼	MPF 100 filter element or similar.
Builders rubble haulage	Unit	800,00	2 670,43	70%▼	Builders rubble: 10 m³ container. Haulage up to and including 20km to 30 km radius from disposal/garden waste chipping/ processing facility.
Catchpit disinfection	Unit	100,00	493,66	80%▼	Disinfecting around catchpits, manholes and stormwater structures.
HDPE pipes 200 mm	Metre	107,25	1 173,86	91%▼	HDPE pipes maximum trench depth 0-2,0 m for nominal diameters up to 200 mm.
Wet refuse collection	Each	14,03	32,30	57%▼	Provision of a wet refuse collection service for various suburbs in the area, conventional once weekly 240-litre mobile container door-to door collection.
Containers	Month	850,00	795,54	7%▲	Supply and maintain open-top containers as and when required at the facility (hook-lift type): 10 m³ containers.
Supply and install fire hydrant	Number	3 196,75	3 254,89	2%▼	Fire hydrants shall be installed in accordance with SANS 1200, comply with the local Fire Department standard regulations, and be approved by the City's nominated employer's agent. 70% of the material and manufacturing cost of the valves must be from within South Africa.
Supply and install air valve	Number	5 000,00	8 605,43	42%▼	Combination air valve 25 mm (air release and vacuum breaker) complete with T-pieces and couplings where necessary, Class 16 flanged. All combination air valves for water pipework shall be of the non-slammng type, as approved by the employer's agent.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Servicing of 100-litre waste tanks	Number	15,00	123,05	88%▼	Full servicing of 100-litre waste tank units will include: collection of dirty waste tank units, replacement of dirty tank units with clean and recharged tank units, transportation of dirty waste tank units, disposal of the waste contents and recharging of the waste tank units with 20 litres of environmentally friendly chemical.
Servicing toilet unit	Unit	53,99	317,27	83%▼	Servicing of toilet unit, frequency of three times per week. The service provider will be required to notify residents by attaching an approved servicing schedule on the outside and inside of the toilet door.
Rental and maintenance of portable non-flushing chemical toilets	Day	2940	367,61	92%▼	The rental and maintenance of a portable non-flushing chemical toilet unit. This includes the employment of a general worker from the targeted areas of informality. All general workers are to be appointed from the City's job seekers database. On average, one general worker shall be employed for every 25 toilets to be cleaned.
Vaccination	Unit	525,00	3 095,00	83%▼	Vaccination for hepatitis A, which consists of three shots, one initial booster, the second given one month later after the first, and the third to be administered within six months after receiving the initial booster.
Earthworks (pipe trenches)	Metre	250,00	232,69	7%▲	Excavating all materials for trenches, backfill, compacting, and disposing of surplus/unsuitable material, for replacement of sewer pipes (100-400 mm <i>Æ</i>) for depths exceeding 2,0 m but not exceeding 3,0 m. - Region 1.
Sewer mains 200 mm	Metre	175,00	826,85	79%▼	Supply and deliver Class 34 uPVC pipes to SABS 791 (heavy duty) 200 mm <i>Æ</i> pipe.
Sewer mains 250 mm	Metre	50,00	258,52	81%▼	Lay, joint, bed Class C, including testing and couplings Class 34 uPVC pipes to SABS 791 (heavy duty) 250 mm <i>Æ</i> pipe.
Sewer mains 350 mm	Metre	100,00	576,65	83%▼	Lay, joint, bed Class C, including testing and couplings Class 34 uPVC Pipes to SABS 791 (heavy duty) 350 mm <i>Æ</i> pipe.
Connection to sewer at manhole	Number	5 800,00	3 936,23	47%▲	Supply a sewer non-return valve, 110 mm diameter.
Supply and deliver liquid ferric sulphate	Ton	3 930,00	6 068,07	35%▼	Supply and delivery of liquid ferric sulphate to Athlone wastewater treatment plant. Vendors to deliver within a maximum of five calendar days from the date of the purchase order. The liquid ferric sulphate shall be suitable for use in potable water treatment and shall comply with the quality requirements.
Removal, transportation and disposal or reuse of dewatered wastewater sludge	Metre³	1 046,25	2 503,94	58%▼	The container is equal to 10 m³ load. Carrying watertight containers to be used to convey wastewater solids off-site. All trucks transporting wastewater sludge must have containers with sealed tailgates to prevent leakage.
Water meter box	Unit	380,00	330,21	15%▲	Water meters in accordance with SANS 1529-1 and the Legal Metrology Act of 2014. Nominal flow volumetric: 1,5 m³. Length: 15 mm; bore: 114 mm.
Portland cement	Ton	2 500,00	1 892,67	32%▲	Portland cement used as stabilising agent for maintenance and repair works.
Bolt set	Unit	468,75	612,74	23%▼	Set with: bolt, washers x2, nut and compound: M30 x 220 mm, 316 SS.
Waterman tie-ins	Number	1 705,00	5 251,32	68%▼	Tie in new HDPE pipe to existing water pipe including stainless steel backing ring and HDPE stub (SDR 11) with flange ranger (stainless steel T-bolts, washers and nuts) - 110 mm HDPE to existing 100 mm water pipe.
Optic fibre cables	Metre	28,00	29,27	4%▼	Telecommunications optic fibre cables, replacement cables.
Mobile crane	Kilometre	4,00	147,72	97%▼	Over 1 ton and up to 2 ton. General transport of crane.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Calcium hypochlorite tablets	Kg	1 710,00	1 707,86	0%▲	Used as a disinfectant or water purification agent in water purification areas.
Gear oil	Litre	47,14	165,28	71%▼	SAE90 gear oil for pump repair and maintenance services.
Grease	Kg	66,15	91,20	27%▼	BP EP2 grease for use in pump repair and maintenance.
Stainless steel bolts and nut	Unit	1,52	1,73	12%▼	Stainless steel HD bolts including nut (full thread, plan hexagon, flanged hexagon, 316 stainless steel M5, 15 mm long.
Grooved rubber wheels	Unit	3 803,83	3 230,84	18%▲	110 mm grooved rubber wheels: corundum wheels for crawler (2.6.5).
Deep-cycle batteries	Unit	4 500,00	3 800,03	18%▲	Deep-cycle batteries 12V 100AH.
Robot RW 4020	Number	31 042,20	46 447,50	33%▼	Supply of pump spares. Supply of centrifugal pumps less than 2 kW. Robot RW 4020 - 4 1,8kW.
Concrete mixer	Hour	100,00	112,50	11%▼	Hire rate for concrete mixer for concrete water-retaining structures.
Clean fill sand	Metre³	225,60	366,67	38%▼	Earthworks/site preparation: Supply clean fill sand for pavement.
Forklift	Day	4 950,00	4 554,19	9%▲	Hiring rate for a forklift with maximum lifting weight of 2,5 tons.
Certificate of Compliance for plumbing	Unit	3 300,00	2 313,01	43%▲	As required, provide Certificate of Compliance for plumbing and drainage installation for works order.
Boat maintenance	Unit	745,00	2 964,19	75%▼	Provision of various maintenance services on boats and marine equipment.
Transportation costs for sewage debris	Ton	5,00	36,15	86%▼	Transportation of sewerage debris to Vissershok waste management facility. Transportation costs (single direction - from the work site to the disposal site).
Floating barge dredger	Hour	14 000,00	9 356,29	50%▲	Floating barge dredger for maturation plant (wet rate) with licensed driver/operator. Displacement 3,8 m³. Dredging at 1-8 metres suitable for slurry and sand. Electric pump rating at least 20 kW with electric supply cable at least 150 m in length, with 180 m³/hour at 18 m head (water) capacity, anchoring system cables 10 mm, at least 150 m length, tension strength at least 1,6 tons, delivery hose of at least Ø 150 mm x 200 metres in length.
Industrial broom	Unit	45,00	104,22	57%▼	Heavy-duty industrial broom for commercial or industrial use.
Combination unit	Month	110 000,00	232 406,69	53%▼	Combination unit/supersuckers. Normal working hours (between 07:30 and 17:00 Monday to Friday).
Water bucket	Unit	55,00	131,53	58%▼	Water bucket: Minimum one per labourer per annum; provision for theft and breakages.
50-ton crane	Kilometre	3 480,00	3 675,98	5%▼	Establish and disestablish 50-ton crane. 50-ton rough terrain cranes, 5-ton lifting capacity at 15 m.
Liquid aluminium sulphate	Ton	3 495,00	25 718,54	86%▼	Liquid aluminium sulphate for use in water purification areas.
High-speed flexible (I/O) Module	Each	23 392,32	28 282,21	17%▼	High-speed input/output flexible module: 4 ports smart IO I/O module (SFP+, 16Gb FC).
Plastic urinal	Number	3 500,00	2 068,09	69%▲	Urinals plastic (granite) urinal with flushing mechanism 680 mm x 430 mm x 340 mm.
Manhole cover	Unit	3 037,68	2 775,81	9%▲	Manhole covers/frames and grids 600 mm diameter 2A polymer manhole cover and frame.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Precast concrete channelling	Metre	220,98	180,64	22%▲	Supply and construct precast concrete kerbing and channelling, including all preparation, concrete bedding, etc. as per standard details: C1 channel (1 000 mm length).
Odour control agent	Litre	260,00	266,71	3%▼	Supply and delivery of the odour control agent for wastewater treatment works.
Compressor	Hour	100,00	194,09	48%▼	Plant charges: Compressor (16 m³/min) including hoses and breakers.
Bladders	Day	300,00	434,37	31%▼	Provision of bladders/inflatable (on an as and required basis) for a range of diameters: 0-300 mm.
Dumping site costs	Ton	1 500,00	1 260,62	19%▲	Dumping at Vissershok private landfill site: Cost of dumping at Vissershok private waste disposal site, including all fees and chemicals (all vehicle types).
Cockroach treatment	Unit	100,00	116,26	14%▼	Cockroach treatment in catchpits, manholes and stormwater structures.
Socketed one-end bend	Unit	308,40	526,82	41%▼	Bend: Socketed one-end with integral rubber seal. Material: uPVC, 160 mm; 45°, class 12. SABS certified, SANS: 966-1 and bearing the SABS mark scheme where applicable.
Leak detection	Unit	70,00	816,29	91%▼	Reticulation leak detection and Internal leak detection (retrofitting inspection).
Flash drive	Number	50,00	62,05	19%▼	Electronic data provided on a flash drive (4 GB).
Wire cable and earth	Metre	10,65	13,61	22%▼	Wire and cable 2-core and earth 1,5 mm² 2x core plus earth.
Radar sensor	Unit	10 775,50	11 485,14	6%▼	Radar sensor VEGAPLUS C11, range 8 m IP68.
Coupler	Unit	145,05	346,32	58%▼	Coupler: Copper to copper; brass; 35 mm. Manufactured from corrosion-resistant DZR brass. In accordance with SANS 1067/1, SABS/SANAS Certified or JASWIC listing.
Hose 12 mm	Unit	136,50	168,73	19%▼	12 mm hose used in construction and maintenance services.
Janitorial services	Hour	35,00	53,82	35%▼	Employ labour from the targeted areas of informality. All general workers are to be appointed from the City's job seekers database. The tenderer will be responsible for the supervision and training of the labourer. The payment of local labour shall comply with the latest ministerial determination of the Department of Labour for the contract cleaning sector rates.
Artisan for stormwater infrastructure	Hour	36,00	53,52	33%▼	Artisan/operator for maintenance of stormwater infrastructure. Normal working hours (08:00-17:00 Monday to Friday).
Baseline risk assessment OHS	Hour	450,00	2 152,19	79%▼	Construction health and safety agent services: Baseline risk assessment.
Audit assessment OHS	Hour	450,00	4 215,71	89%▼	Health and safety audit assessment for occupational health and safety requirements.
Site foreman	Hour	137,50	170,15	19%▼	Labour only rate for a site foreman acting as a general supervisor.
Civil engineer	Hour	200,00	257,77	22%▼	Civil engineer to provide professional services.
Mechanical engineer	Hour	1 000,00	1 234,28	19%▼	Mechanical engineer to provide professional services to the City.
Registered professional principals	Hour	450,00	1 041,11	57%▼	Planning, studies, investigations, assessments and additional services: Quantity surveying registered professional principals (5-10 years' experience).

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Security guard Grade-B	Hour	60,00	116,99	49%▼	Security services limited to first-line response activities only. Refer to clause 19 of the specification. Security guard - Grade B (fully equipped with all necessary facilities on site).
Security guard Grade D	Hour	50,00	98,97	49%▼	Security services limited to first-line response activities only. Refer to clause 19 of the specification. Security guard Grade D (fully equipped with all necessary facilities on site).
Grade C operator	Hour	55,00	39,65	39%▲	Grade C control room operator (additional operators on an ad-hoc basis).
Video camera	Unit	344,61	716,64	52%▼	Portable digital video camera.
Card machine	Unit	1 452,02	1 105,17	31%▲	Handheld device and printer card machine for performing traffic contravention services.
Fee per fine paid	Unit	71,99	201,61	64%▼	Basic fee per fine paid. Performance of traffic contravention services for the City.
Security system: Callout rate	Number	675,00	923,05	27%▼	Call-out rates: After-hours call-out charge for own staff (applicable only after depleting first 150 call-outs per year). For maintenance of CCTV systems.
2,5 kg dry-powder extinguisher	Unit	240,00	344,82	30%▼	Dry-powder fire extinguisher 2,5 kg for various vehicles supplied and delivered to the CCT.
Jacket	Unit	1 449,12	2 409,96	40%▼	Protective equipment: Jacket for use by personnel working on LV, MV and HV electrical works. Same price, small to large.
Grass	Metre²	100,00	175,55	43%▼	Reinstatement services limited to first-line response activities only (includes all reinstatement material supplied and delivered to the site by the contractor). Refer to clause 28 of the specification: Grass.
Crushed stone 13 mm	Metre³	643,55	373,29	72%▲	Reinstatement services limited to first-line response activities only (includes all reinstatement material supplied and delivered to the site by the contractor). Refer to clause 28 of the specification: Crushed stone (13 mm).
Type 1 helicopter	Unit	903 211,25	15 239 959,80	94%▼	Sikorsky UH-60 Blackhawk helicopter for fire and rescue services.
Gulley	Number	123,00	525,47	77%▼	In accordance with SANS 791, SANS 967: 110 mm uPVC gulley trap not exceeding 750 mm deep, including vertical piping, gulley head and grating, all encased in concrete and concrete hopper size 450 x 450 mm, rounded kerb.
Casement windows	Number	1 470,00	1 938,98	24%▼	Casement windows origin 340 or equivalent, complete with subframes, heavy-duty ironmongery, 6,38 mm clear laminated safety glass, sealing. Fixed to brick or concrete wall (standard colours). Window type: PT129, size 1 200 x 900 mm high.
Single-sided delineators	Number	10,00	71,20	86%▼	Single-sided delineators (DTG 50J). Size 150 mm x 600 mm.
Cleaning supervisor	Hour	80,00	78,27	2%▲	Cleaning supervisor day shift (8-hour shifts Mon-Fri).
Building manager	Hour	150,00	133,91	12%▲	Building manager 12-hour shifts Mon-Sun.
Waste worker	Hour	24,87	39,26	37%▼	Waste worker to provide deep cleaning services. This includes deep cleaning, pest control and disinfection.
Cement bags	Bag	78,33	108,43	28%▼	Supply of 25 kg cement bags 32,5N.
Sand	m³	150,00	372,31	60%▼	Supply and delivery of sand for construction sites across the city.
Crushed stone 19 mm	Metre³	157,46	533,74	70%▼	Crushed stone 19 mm for the maintenance and installation of lighting structures.



Future planning and resilience

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Social media specialist	Hour	743,00	481,49	54%▲	Specialist for: creating, managing and promoting services.
Copywriter	Hour	1 002,00	602,83	66%▲	Copywriter for: Leadership Development Programmes and facilitation.
Social media specialist	Hour	743,00	481,49	54%▲	Specialist for: creating, managing and promoting services.
Copywriter	Hour	1 002,00	602,83	66%▲	Copywriter for: Leadership Development Programmes and facilitation.
Social media specialist	Hour	743,00	481,49	54%▲	Specialist for: creating, managing and promoting services.
Copywriter	Hour	1 002,00	602,83	66%▲	Copywriter for: Leadership Development Programmes and facilitation.
Debit card transaction	%	1%	2%	57%▼	Debit card transaction percentage-based third-party payment services.
Credit card transaction	%	2%	2%	19%▼	Credit card transaction percentage-based third-party payment services.
SCM specialist	Hour	1 625,00	974,19	67%▲	Ad hoc services provided by an SCM specialist.

Spatial Planning And Environment

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Project manager: Baboon management	Month	35 055,63	39 126,81	10%▼	Employ and manage baboon field rangers. Price to include salaries, leave, sick leave, WCA, SOL, PAYE, and group life insurance for all levels of staff.
Field ranger: Baboon management	Month	5 259,00	5 086,16	3%▲	Performance of baboon management services. Price to include salaries, leave, sick leave, WCA, SOL, PAYE, and group life insurance for all levels of staff.
Baboon VHF collars	Unit	15 000,00	22 900,70	34%▼	Service provider to ensure that the latest technology is utilised to improve baboon management, which includes remote tracking devices. All tracking collars need to have dual GPS/HF functions and be within best practice guidelines.
Smart driver training	Day	734,68	1 617,14	55%▼	Smart driver training for City fleet drivers A1 environmental awareness.
Trailer 850 litres	Day	60,00	199,85	70%▼	Trailer (minimum of 850-litre trailer) for transport of equipment and machinery.
Safety and security specialist	Hour	1 500,00	950,00	58%▲	Provide time-based services by personnel as described in the scope of work projects, including services on the instruction from the employer in respect of services that fall beyond the scope of normal services as described in the scope of work.
Ad hoc security officer	Month	10 570,00	18 188,60	42%▼	Guarding: (for use by any council departments) - including transporting security officers to and from points of duty and one inspection per shift, per site by a senior security officer. Armed security officer working a 12-hour shift per day from Monday to Friday. Including a 9 mm calibre loaded pistol and bulletproof vest.
Security guard dog	Month	3 700,00	4 014,85	8%▼	A security dog to provide services at various Council facilities. Including a proper kennel on site.
Quad bikes/motorcycles	Month	3 400,00	3 996,58	15%▼	Quad bikes or motorcycles to provide security services at various facilities. Not less than 250cc.
Armed escort security officer	Month	18 543,59	15 822,11	17%▲	Armed escort or armed mobile patrol, working a 12-hour shift per day from Monday to Sunday (day and/or night shift). Including a 9 mm calibre loaded pistol and bulletproof vest.
Unarmed security officer	Month	13 507,30	13 992,26	3%▼	Unarmed security officer working a 12-hour shift per day from Monday to Friday (day and/or night shift).
Traffic safety officer	Day	975,00	1 230,27	21%▼	Traffic safety officer: For legislated weekday working hours: Roads with low traffic volumes or areas where the closure will not disrupt traffic.
Meat-based snackpack meal	Unit	64,50	78,21	18%▼	Contents: Biscuit snackpack (Halaal) 16 g to 23 g – Provita or equivalent, (quantity: 3) Corned meat (Halaal) 300 g, (quantity: 1) Dried fruit bar (Halaal) 32 g, Safari or equivalent (quantity: 1) Isotonic energy drink sachet (Halaal) 80 g, Game or equivalent (quantity: 1) Mineral water, still 500 ml, (quantity: 1) Wetwipe or equivalent, (quantity: 1) Plastic table spoon, fork and knife, (quantity: 1) A5 information leaflet, (quantity: 1) Leaflet to state content and quantity of the prepacked bag The pack must stipulate the expiry date of the product with the earliest expiry date.
Standard snackpack meal	Unit	56,00	78,35	29%▼	Contents: Biscuit snackpack (Halaal) 16 g to 23 g – Provita or equivalent, (quantity: 3) Corned meat (Halaal) 300 g, (quantity: 1) Dried fruit bar (Halaal) 32 g, Safari or equivalent (quantity: 1) Isotonic energy drink sachet (Halaal) 80 g, Game or equivalent (quantity: 1) Mineral water, still 500 ml, (quantity: 1) Wetwipe or equivalent, (quantity: 1) Plastic table spoon, fork and knife, (quantity: 1) A5 information leaflet, (quantity: 1) Leaflet to state content and quantity of the prepacked bag The pack must stipulate the expiry date of product with earliest expiry date.

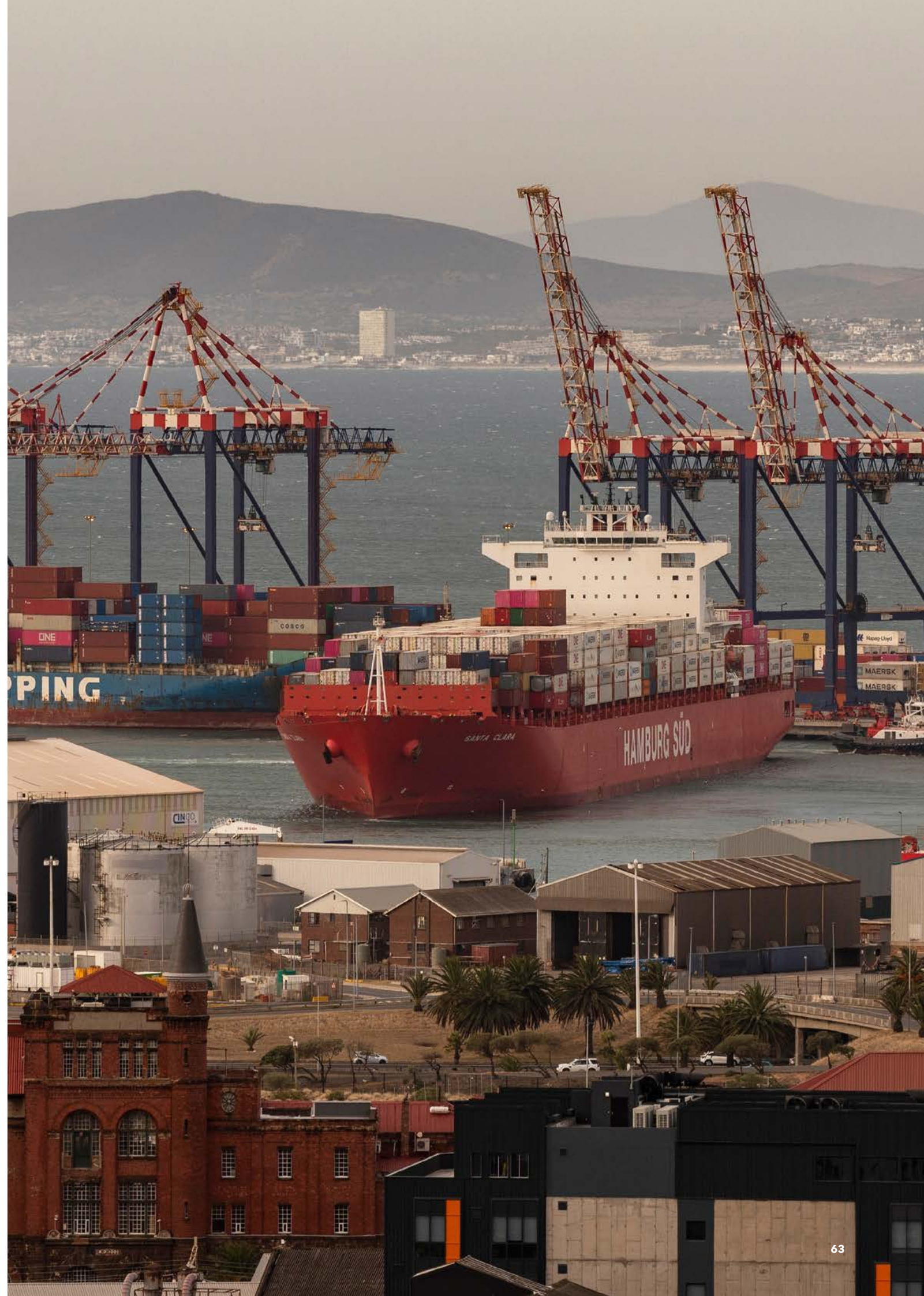
Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Hand sanitiser dispenser	Each	17,12	15,85	8%▲	Dispenser to be clear in colour, made of HDPE/PET, flip-top cap. The packaging shall not chemically or physically interact with the disinfectant and shall be strong and durable enough to protect the disinfectant adequately during normal handling, transportation and storage.
Electric fence	Number	3,20	129,01	98%▼	Supply and install electric fence steel bracket poles and attached plastic insulators as per 800-1 to 800-3. Strain insulators. UV stabilised plastic.
Adult reopening	Unit	387,12	383,32	1%▲	Adult reopening (1,5 m depth x 0,9 m – 1,2 m width x 2,5m length).
Content developer	Hour	917,00	874,96	5%▲	Deliver e-courses. HR-related and other business systems end-user level training courses to staff of the City of Cape Town and employees, including Councillors and EPWP workers. Accreditation with SETA or relevant professional bodies.
Junior ranger service provider	Day	609,00	563,91	8%▲	The junior ranger must meet the following requirements: physically and medically fit, minimum of Grade 10, literate in two languages, police and PSIRA Grade C clearance. Valid first aid level 1, basic firefighting, non-lethal defence system, survival and snake handling certifications.
Senior ranger service provider	Day	736,00	641,82	15%▲	The senior ranger must meet the following requirements: physically and medically fit, minimum of Grade 10, literate in two languages, police and PSIRA Grade C clearance. Valid first aid level 1, basic firefighting, non-lethal defence system, survival and snake handling certifications.
Visitor hub ranger service provider	Day	504,00	511,41	1%▼	The visitor hub ranger must meet the following requirements: physically and medically fit, minimum of Grade 10, literate in two languages, police and PSIRA Grade C clearance. Valid first aid level 1, basic firefighting, non-lethal defence system, survival and snake handling certifications.
Firefighter	Hour	352,83	223,66	58%▲	Temporary employment of a firefighter. Rate to include minimum remuneration rate as prescribed by the City's collective agreements.
Legal support services	Hour	2 550,00	2 297,23	11%▲	Conveyancing legal service for legal support, opinions, and miscellaneous legal services. Rates are excluding disbursements, which include printing, scanning, phone calls, the cost of opening a file per instruction, and excluding travelling costs incurred to be reimbursed at applicable SARS travelling rates.
Legal specialist	Hour	1 200,00	1 128,75	6%▲	A professional who provides support in legal matters for business planning and related services.
Senior support engineer	Hour	980,00	885,52	11%▲	Ad hoc support services, OEM support and training. Senior support engineer to supply software, maintain, and support services of telecommunications network management tools.
First-line support	Hour	509,38	691,98	26%▼	Ad hoc support services, OEM support and training. First-line support provider for the City's telecommunications network.
Telecommunication engineer	Hour	830,00	810,52	2%▲	B2: Ad hoc support services, OEM support and training. Engineer to provide services for the City's telecommunication network.
On-site support services	Hour	1 743,64	1 293,33	35%▲	A2: Ad hoc support services, OEM support and training. Provision of on-site support services to meet performance level agreements as set out by the City.
Senior front-end developer	Hour	649,21	516,61	26%▲	Senior front-end developer for ICT services.
Precision cooling engineer	Hour	796,49	821,61	3%▼	Precision cooling engineer rates. Engineer Mon-Fri (normal hours 08:00 to 17:00).

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Fire wet services engineer	Hour	600,00	941,19	36%▼	ECSA registered fire wet services engineer or ASIB registered. Hourly rate.
Certified welder	Hour	600,00	899,66	33%▼	Normal rate certified welder with trade certificate.
Principal project manager: SAP services	Unit	925,00	815,59	13%▲	Appointment of a panel of service providers for the provision of SAP services: Principal project manager.
Therapist	Hour	506,82	528,94	4%▼	Trained professional to assist in people's management of emotional and psychological challenges.
Junior business analyst	Hour	273,01	279,41	2%▼	Junior business analyst in the provision of professional ICT services.
Senior audio-visual technician	Hour	236,39	257,05	8%▼	Senior audio-visual technician for the provision of professional ICT services.
HR business systems training	Hour	1 167,00	1 009,90	16%▲	Deliver one-hour session e-courses. HR-related and other business systems end-user level training courses to staff of the City of Cape Town and employees, including Councillors and EPWP workers. Accreditation with SETA or relevant professional bodies.
Entry-level course training	Day	560,00	695,92	20%▼	B2: Ad hoc support services, OEM support and training. Provision of training services for the support and management of telecommunication networks.
PowerPoint training	Per person	675,00	1 606,29	58%▼	Basic intervention training for Microsoft PowerPoint.
Job readiness training*	Unit	1 000 000,00	1 000 000,00	0%	Provision of consulting and professional soft services: Job readiness training.
Learner's licence training	Day	160,33	232,04	31%▼	Category 1 Code 8 (B) - Learner's licence training.
Year Partner Premier Technical Support Licence	Year	1 815,03	2 733,49	34%▼	Supply of video collaboration system. One-year Partner Premier Technical Support Licence.
National call rates	Minute	0,35	0,40	13%▼	Supply of existing PSTN and ISDN services. National call rates.
Diginet or equivalent	Metre	1 165,00	2 182,02	47%▼	Diginet or equivalent installation. Speed 1024kb.
Private mobile network services (APN)	Month	39 297,72	75 961,18	48%▼	To include all rental costs for connectivity to the City. Infra-structure, setup, configuration, installation, and rental and management of edge routers. Be able to offer, deliver and support multiple segregated private networks to which the City can connect its mobile devices. The network must keep the City's data separate from public traffic, and provide a direct connection back to the City's internal networks.
Small-world systems administrator	Hour	1 086,69	921,06	18%▲	Ad hoc support services, OEM support and training. Small-world systems administrator to supply and maintain the telecommunications network and supply support services.
Global Protect subscription	Unit	9 282,00	15 872,02	42%▼	PA-820 or equivalent 1-year Global Protect subscription.
Integrated media module	Each	1 322 244,08	833 553,29	59%▲	Integrated media module. Specifications: 7x 50 4-PT 100GE CFP4- L3BO IMM.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
ORACLE Acme Packet	Unit	884,00	1 199,36	26%▼	Oracle Acme Packet 3820 or equivalent (1 000 licensed sessions).
Tape media and labels	Unit	2 392,00	1 562,38	53%▲	LTO6 tape media labels.
Pluggable optics	Each	327,18	535,22	39%▼	Pluggable optics: Modular, hot-swappable transceiver modules.
BW Business Trunk Package	Unit	654,90	646,70	1%▲	Supply of licences and software for CISCO Schedule A BroadSoft or equivalent: BW Business Trunk Package or equivalent. One-month subscription.
SIP trunk	Month	13 954,73	262 452,82	95%▼	Rental of SIP Trunk services for the City's telecommunication services.
Handheld fire extinguishers	Unit	605,00	771,15	22%▼	Fire suppression systems: Hand-held CO ₂ fire extinguishers 2 kg.
Servicing of fire extinguishers	Unit	55,00	102,44	46%▼	Servicing of Fire extinguishers, hose reels and hydrants_CO ₂ (carbon dioxide) gas extinguisher. 4-4,5 kg.
Din-rail circuit breaker	Unit	166,08	132,46	25%▲	32-amp 3p din-rail circuit breaker.
High-pressure hose	Unit	3 230,00	2 166,28	49%▲	Homebase site high-pressure 5 m hose 25 mm.
Zincalume roof covering	Metre ²	220,00	194,77	13%▲	IBR profile roof covering including accessories. Supply and install 0,53 mm-thick new zincalume or equivalent roof covering.
Nylon insert fittings	Metre	8,00	36,27	78%▼	Nylon insert fittings for plumbing and drainage services: 22 m polypropylene pipe.
Fire alarm optical sensor	Unit	369,74	480,00	23%▼	Fire alarm peripherals: Ziton optical sensor or equivalent.
Vertical water storage tank	Number	3 700,00	3 906,15	5%▼	2 000 litres; 100% polyethylene above-ground water storage tanks complete with all fittings and fixtures.
Portable radio	Unit	23 715,69	31 211,06	24%▼	Ruggedised two-way hand-portable radio (GPS, Bluetooth, and WAP capable).
Supply GPS antenna	Number	183,54	170,04	8%▲	The GPS antenna must be a magnetic mount patch antenna with a minimum of 5 metres of coax cable. A standard SMB female connector must be included for connecting the antenna to OBC.
Remote transmitter battery	Each	200,00	142,81	40%▲	GP ULTRA alkaline batteries 23AE 12V for remote transmitter.
Power rammer	Day	190,00	609,99	69%▼	Power rammer dry rate – without operator 60-75 kg per unit.
Antenna dish	Unit	5 106,00	4 812,89	6%▲	8 GHz antenna equipment complete dish 2 ft. (0.6 m).
Ecoaire fan	Unit	9 680,40	9 391,06	3%▲	Precision cooling goods: Ecoaire Fan FCUH160 AW3.
Air conditioner 12000BTU	Unit	2 659,36	4 243,64	37%▼	Air conditioner (equipment room) per air conditioner 12000BTU.
Air conditioner 9000BTU	Each	1 870,43	3 641,00	49%▼	Cooling and dehumidifying unit air conditioner 9000BTU.
Lenovo ThinkSystem	Unit	3 315,00	3 402,79	3%▼	Lenovo ThinkSystem 32GB TruDDR4 3200 MHz (2Rx4 1,2V) RDIMM.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Lenovo Broadcom	Each	1 102,50	1 654,55	33%▼	Lenovo ThinkSystem Broadcom 5719 1GbE RJ45 4-port OCP.
D-Link websmart fast ethernet switch	Unit	1 404,00	4 220,06	67%▼	D-Link Web Smart Fast Ethernet Switch equivalent as part of the Supply of Access Control Systems.
Road grader with operator	Day	2 500,00	2 792,54	10%▼	Road grader 4,2 m. Mould board, with licensed operator, (wet rate).
Excavator with operator	Day	840,00	1 804,33	53%▼	Excavator tracked (river cleaning) reach > 15 m, with licensed operator, river bucket and mud bucket (wet rate).
Single-cab pickup truck	Kilometre	1,99	27,09	93%▼	2-wheel drive, 1-ton pickup truck – single cab: vehicle only.
4-door sedan	Day	135,00	637,23	79%▼	4-door sedan manual 1300 to 1800 cc (with aircon) vehicle hire rate.
Pickup truck 0,5 ton	Day	100,00	586,53	83%▼	1/2 ton pickup truck vehicle hire rate.
4 x 4 chassis cab	Unit	1 215 500,00	816 856,16	49%▲	Excluding optional extras: 2.5 kg fire extinguisher, radio/CD player, air conditioner, full-length LED light bar, steel front bulbar incorporating winch mount and front tow hitch points. 200W P/A system and siren, smash-and-grab tinting on windows, idle control for use with PTO, flatbed drop-side payload body. Maintenance Plan, Service Plan, Warranty Plan.
Firefighting unit 4 x 4 chassis cab	Unit	1 440 645,82	1 690 955,17	15%▼	Excluding optional extras: 2.5 kg fire extinguisher, radio/CD player, air conditioner, smash-and-grab tinting on windows, emergency lighting package, 200W siren and PA system, rear towage plus seven-pin trailer plug, alarm immobiliser VESA level 4, steel front bulbar incorporating winch mount.
Bus 23-28-seater	Unit	745 000,00	860 105,59	13%▼	The vehicle must be fitted with the following: air conditioner, radio CD/USB player with Bluetooth phone system, alarm system Vesa-approved level 4.
1-ton panel van	Unit	736 100,00	698 414,84	5%▲	The vehicle must be fitted with the following: air conditioner, radio CD/USB player with Bluetooth phone system, alarm system Vesa-approved level 4.
Seven-seater sports utility vehicle	Unit	598 980,80	461 987,43	30%▲	The vehicle must be fitted with the following: air conditioner, radio CD/USB player with Bluetooth phone system, alarm system Vesa-approved level 4.
Minibus 10-11-seater	Unit	510 243,56	638 944,52	20%▼	The vehicle must be fitted with the following: air conditioner, radio CD/USB player with Bluetooth phone system, alarm system Vesa-approved level 4.
General tyre for passenger LDV	Unit	1 417,39	1 582,08	10%▼	For passenger, light delivery vehicle (LDV), light commercial vehicle LCV, midi/minibuses. Tenderers should provide proof of SANS certification for all tyres offered.
Engine oil	Litre	33,00	41,22	20%▼	Specification CL/1 two-stroke oil. Air-cooled TC.
Transmission oil	210 litres	33,33	6 005,87	99%▼	Transmission oil: ATL/1 viscosity SAE 80W/90 transmissions GL5.
Light vehicle repairs	Hour	240,00	202,08	19%▲	Non-structural repairs to motor vehicles. Passenger and light commercial vehicle repairs. For out-of-warranty vehicles.
Heavy vehicle repairs	Hour	300,00	333,17	10%▼	Medium- to heavy-duty vehicle repairs, non-structural. For out-of-warranty vehicles.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Anti-syphoning devices	Unit	660,00	900,06	27%▼	Anti-theft/-syphoning devices (supply and install) passenger vehicle.
Automatic tank-gauging system	Unit	33 845,00	38 069,68	11%▼	Automatic tank gauging system for on-road fuelling services.
Thermal printer paper	Item	2 669,76	1 513,15	76%▲	Thermal printer paper (24 rolls per box).
Paper roller feeder	Unit	30,90	209,25	85%▼	Paper roller feeder with specifications: RM1- 0037.
Paper towel	Roll	47,50	265,41	82%▼	Paper towel roll: 240 mm x 360 m; packed in sealed corrugated board boxes or plastic sealed bulk packages containing four rolls. The paper towel must be white, single ply, with a basis weight of a minimum 43 gsm. The paper towel must be free from bisphenol A and may not be hazardous to human health or the environment. Compliance with the latest revision SANS 1887-1:2015 and SANS 1887-4:2015.
White paper A3	Ream	111,15	201,19	45%▼	White A3; grammage 80 gsm; 500 sheets per ream; manufactured in South Africa with at least 50% recycled content, FSC certified, free of acid and chlorine, smooth surface.
White paper A4	Ream	45,65	80,37	43%▼	White A4; grammage 80 gsm; 500 sheets per ream; manufactured in South Africa with at least 50% recycled content, FSC certified, free of acid and chlorine, smooth surface.
Refill: White memo cube	Pack	8,50	41,54	80%▼	Bond; white; 100 mm x 100 mm; grammage 80gsm; packaging 1 000 sheets, each pack individually wrapped in plastic.
Thermal black image rolls	Roll	3,40	82,67	96%▼	Thermal black image roll: 57 mm x 40 mm; grammage 55gsm; 20 rolls per box, 2,7 mm core size, specific for card payment terminal devices.
White A1 flipchart	Ream	28,50	118,19	76%▼	Flip chart; white A1 grammage 60 g; 50 sheets per pad.
Cash register glossy paper	Roll	14,00	74,96	81%▼	Paper - type: Roll cash register; size 79 mm x 83 m per roll.
Long-life, full-cream milk in carton	Litre	11,00	17,62	38%▼	Type: Long-life full cream; unit packaging: 1-litre Tetrapak carton with sealed twist top cap; brand: Clover or equivalent; dietary requirements: Halaal and kosher.



Energy

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Conductor 1,5 mm²	Metre	92,29	88,43	4%▲	Each 1,5 mm² conductor shall consist of strands of annealed copper flexible conductors and shall be in accordance with SANS 1411-1. Each conductor shall be insulated in accordance with NRS 011. The voltage rating shall be 600/1 000 V.
Aluminium conductor distribution cable	Unit	54,86	103,41	47%▼	The two-core, three-core, and four-core distribution cables shall be PVC-insulated and bedded, galvanised steel wire armoured, and PVC-sheathed cable complying with the requirements of SANS 1507-3. Conductors shall be solid aluminium stranded aluminium, per SANS 1411 - 1. Conductors shall be insulated with flame-retardant PVC insulation that complies with the requirements for Type D2 of SANS 1411-2.
Aluminium aerial-bundled conductor	Metre	13,71	14,49	5%▼	Aerial-bundled conductor comprising 2x 25 mm² 2-core aluminium phase conductors, as specified.
Copper conductor single-core service cable	Unit	44,14	46,15	4%▼	10 mm² copper conductor single-core service cable with concentric split neutral and earth conductors and pilot cores. Conductors shall be insulated with flame-retardant PVC insulation that complies with the requirements for Type D2 of SANS 1411-2. Comply with the requirements of SANS 1507-6. Cable outer sheath shall be polyethylene per the requirements for Type PS1 of SANS 1411-7.
Aluminium aerial-bundled conductor 35 mm²	Metre	43,28	35,84	21%▲	Aerial-bundled conductor comprising 3x 35 mm² 3-core aluminium phase conductors, 1x 54,6 mm² aluminium alloy neutral conductor and 1x 25 mm² aluminium street lighting conductor, as specified.
Copper conductor distribution cable 6 mm²	Unit	60,37	55,29	9%▲	6 mm² 2-core copper conductor distribution cable.
Copper conductor 25 mm²	Each	407,00	415,61	2%▼	25 mm² 3-core 6,35/11 kV copper conductor as specified.
Copper cable 2,5 mm²	Metre	36,00	39,26	8%▼	2-core 2,5 mm² copper conduction cable.
Cable 10 mm²	Metre	231,53	236,50	2%▼	Conductor cable 10 mm² 2-core or 4-core copper or aluminium.
Gel battery	Unit	3 477,00	3 035,48	15%▲	Battery 100AH 12VDC deep cycle low maintenance GEL battery. Must have a cold start function, unit to self-testing system while turning on the UPS, a maintenance bypass switch, and deliver pure sine wave output. Input power factor must be more than 95%.
Cabinet UPS	Each	25 408,00	33 783,95	25%▼	3CR12 Ultra-secure cabinet and base to house UPS and 6x 100 AH and 105 AH batteries equivalent to the current cabinets used. Must be vandal-proof and fitted with rubber protection.
Supply UPS	Each	9 436,00	7 049,98	34%▲	1kW long-run UPS electronic module, 400V continuous mains input compatible with RMS. Microprocessor-controlled with communication ports selectable between Smart RS232 and intelligent slot for AS-400, and SNMP card. Base mounted with an external battery socket for extended battery backup time.
UPS electronic module	Each	8 964,00	8 864,88	1%▲	2kVA UPS electronic module to be supplied for the Transport Network Management Department.
Batteries 12V	Unit	858,00	887,98	3%▼	Supply of batteries 12V maintenance-free, lead acid/calcium.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Batteries 12V wet type	Unit	2 517,65	2 359,76	7%▲	Supply of batteries 12V wet type. Maintenance-free lead-acid/calcium. For usage in automobiles.
Cabinet controller	Each	69 803,00	62 706,11	11%▲	12-phase controller including router kit with a 16-channel detector interface and pedestrian interface units with LCD SPM or equivalent.
Flex control kit	Each	25 273,00	36 448,94	31%▼	Flex control complete kit for traffic controller or equivalent
Wireless magnetometer	Each	8 018,00	9 088,28	12%▼	Wireless micro radar sensor Must interface with CCT traffic signal controllers.
Electric meters AMI SYM2	Unit	3 040,00	4 555,81	33%▼	Electric meter class 1; 4-wire; 3-element type; SYM2 VDE specification without any modules. Server ID to be used as primary number and barcode on nameplate.
Single-phase prepayment meter	Each	471,00	525,34	10%▼	Single-phase common base prepayment meters, active meter unit, each rated at 80 A, 230 V, 50 Hz.
Three-phase prepayment meter	Unit	1 280,00	1 562,50	18%▼	Three-phase prepayment meters each rated at 100A, 40V 50Hz 4-wire type.
Fuel diesel	Litre	10,50	58,62	82%▼	Diesel 0,005% sulphur content (50ppm). Diesel products to comply with SANS 342:2016 and subsequent editions.
LED driver (100-400 mA)	Unit	1 552,50	2 251,71	31%▼	Constant current dimmable LED driver (100- 400mA) compatible with DSI technology and the DALI interface protocol. Max output power: 50W; nominal life 100 000 hrs; minimum 5-year warranty.
Recess mount luminaire with back reflector	Unit	1 476,00	1 815,01	19%▼	LED fitting: Recess mount luminaire with back reflector 597 mm x 597 mm; 22W; high-transmission optic; sheet metal housing; white powder-coated sheet metal; LED module; electronic LED driver; IP 20; 230V 50Hz; net luminous flux > 4,100 lumens. CRI > 80% colour temperature 4 000 K. Supplied with 5-amp 3 m lead.
Surface mount vapour-proof luminaire	Unit	1 314,00	1 420,58	8%▼	LED fitting: Surface mount vapour-proof luminaire; 1270-1280 mm x 100 mm; 32W; rectangular; UV stabilised, self-extinguishing polycarbonate diffuser; corrosion proof; white polycarbonate; LED module; electronic LED driver; IP 65 or IP66; 230V 50Hz; net luminous flux > 4 400 lumens CRI > 80% colour temperature 4000K.
LED luminaire	Unit	2 109,90	4 064,00	48%▼	Luminaires must be Class 1 to SANS 60598-1 and of the enclosed type. Luminous intensity distribution must be non-axial asymmetric. Upward light output ratio of less than 0,1%. 230 V, 50 Hz.
Street lighting pole	Number	10 253,00	15 797,28	35%▼	14,5m heavy-duty galvanised steel street lighting pole.
Luminaire adaptor	Number	250,00	327,98	24%▼	Long-side entry, single-light luminaire adaptor for street pole lighting structures.
Professional services architect*	Number	3 478 310,70	5 212 246,25	33%▼	A registered professional Architect (Pr. Arch) or professional architectural technologist who has undertaken at least 10 (ten) verifiable projects post-registration with a value higher than R7 500 000,00 in the architecture of all works related to all types of reinforced concrete building construction work.
Machine contouring*	Strip	1 254 377,00	1 254 377,00	0%▲	Machine contouring, NDP inspection, preparation and delivery of report.
Outdoor bulk metering unit*	Each	125 711,40	1 202 273,22	90%▼	Outdoor bulk metering unit (standard or compact) with one customer outgoing circuit, enclosed within a weatherproof kiosk, as specified.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Tubular steel transmission poles	Number	7 450,00	11 859,45	37%▼	11 m galvanised steel tubular transmission poles.
Meter kiosks	Each	3 132,00	5 497,43	43%▼	The installation of a kiosk, including QA services. The contractor will be required to provide the following services: Installation, reinstatement, trenching per metre, trench reinstatement per metre, professional services relating to kiosk installation are included in the price offered.
Pole box and overhead service installation	Each	1 722,60	1 673,15	3%▲	Pole box replacement/installation, overhead supply to installations will require a pole box for split meters. The City of Cape Town will provide the pole box. The contractor will be required to provide the following services: Overhead service installation, professional services for overhead service installation, and pole box installation, which are to be included in the price offered.
Replace credit meter with split meter	Each	1 021,14	2 807,31	64%▼	All-inclusive price for the removal of existing credit meter and installation of single-phase common-base and fitment of common-base CIU and MCU. (Replace credit with split.)
Replace ready board	Each	105,84	308,18	66%▼	Replacement of ready board and provision of CoC for the ready board as specified.
Straight-through joints	Unit	1 880,00	1 913,58	2%▼	Underground straight-through joint, cast iron, complete, suitable for use on 300 mm² screened aluminium conductor, or 185 mm² screened copper conductor, 3-core 11 kV PILC cable. Comply fully with the requirements of SANS 1332. Straight-through joints for PILC cable shall be suitable for use on 11 kV, 3-core, aluminium or copper conductor, paper insulated, screened, lead sheathed, hessian bedded, galvanised double steel tape armoured.
Bentonite clay powder	Kg	9,46	27,83	66%▼	Import of material for backfilling from commercial resources and compaction (includes the supply, delivery to site, and off-loading of soil material) bentonite clay powder (for improvement of soil resistivity) 25 kg bag.
Copper-clad steelanti-theft earthing conductor	Metre	125,28	157,18	20%▼	70 mm² copper equivalent/copper-clad steel anti-theft earthing conductor.
CCTV dash camera	Unit	1 668,05	1 685,44	1%▼	Upgraded CCTV dash camera for use of the City.
2-way pole-mounted service distribution box	Unit	1 348,12	1 348,75	0%▲	2-way pole-mounted service distribution box (GRP) - electrification areas.
Barbed wire	Metre	29,99	25,48	18%▲	Supply of barbed wire on electrical structures.
Brass gland	Metre	633,02	644,90	2%▼	Brass gland for: Single-core cables.
Cranes operator	Hour	400,00	290,68	38%▲	Cranes operator hourly labour rate.
Concrete	Metre³	3 402,03	2 356,58	44%▲	Strength of concrete 30 Mpa / 19 mm aggregate to foundations.
Optical transceiver	Unit	52 885,54	28 964,48	83%▲	100G-QSFP-ESR4- GEN or equivalent; (100GBASE-SR4 QSFP- MODULE- 100GBASEESR4 QSFP optic MTP 1x8 or 1x12 300 mover MMF one-pack. Generic extreme).
Data centre	Unit	279 116,87	460 748,17	39%▼	VSP7400-32C-AC-F or equivalent (VSP 7400, 32 x 100Gbps QSFP28 ports, 8-core CPU, 16GB RAM, 128GB SSD, single 750W AC PSU, six fans, 4-post rack mount kit, front to back airflow).

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Single-phase split keypad metering unit	Unit	535,50	424,51	26%▲	Prepaid split; rail; Din; AMPS: 80 A; voltage: 230 V; 50 Hz;Phase: single phase. Split, with plug top and battery backup; mains borne using OFDM power line telecommunication (PLT). To be used with single-phase and three-phase meters.
Conlog keypad metering	Unit	3 899,10	3 291,58	18%▲	Type: Prepaid split; rail: 100 A; voltage: 400 V; 50 Hz; Phase:three-phase; communication via power line telecommunication (PLT) protocol using OFDM technology (mains borne).
2-core cable communication keypad metering	Unit	762,30	1 149,69	34%▼	Single-phase split prepaid meters measuring and control unit (MCU) each rated at 80 A, 230 V, 50 Hz, communication via two-core cable.
PP Conlog keypad metering	Unit	649,95	1 627,42	60%▼	Type: Prepaid split; rail; Din; AMPS: 80 A; voltage: 230 V; 50 Hz; phase: Single-phase; communication via power line telecommunication (PLT) protocol using OFDM technology (mains borne) for self-powered common base CIU.
Ontec keypad metering	Unit	1 054,20	2 301,74	54%▼	Type: Prepaid split; rail; Din; AMPS: 80 A; voltage: 230 V; 50 Hz; phase: Single-phase; communication via power line telecommunication (PLT) protocol using OFDM technology (mains borne) for self-powered common base diameter; must be of the British Standard (BS) footprint type.
Swing handle	Unit	350,00	976,07	64%▼	Stainless steel swing handle for meter kiosks and pillar boxes
Flat earth bar	Metre	379,00	329,00	15%▲	50 mm x 3 mm flat earth bar.
Copper weld covered conductor	Metre	336,00	263,00	28%▲	Copper weld covered conductor (70 mm² equivalent).
Dyn7 distribution transformer glad plate	Number	150,00	208,50	28%▼	40 mm predrilled cover plate for standard Dyn7 distribution transformer glad plate.
Remote control	Unit	250,00	317,23	21%▼	Remote control red and black ET 404Mhz 4 channel.
Earth rod	Unit	445,00	975,53	54%▼	Earth rod: 10 mm diameter (78,5 mm²) copper earth rod 1,8 m long.
Infrared safety beams	Each	390,00	689,03	43%▼	Infrared safety beams (pair) for security at energy directorate sites.
Steel palisade fencing	Metre	1 420,00	1 811,40	22%▼	Steel palisade fencing 1,8 m high (drawing: ESS44, 722A-0, rev 01).
Gate motor anti-theft cage	Each	1 500,00	1 708,55	12%▼	Gate motor anti-theft cage for security at energy directorate sites.
Motorised gate controller	Each	10 500,00	13 960,63	25%▼	AC motor supply and install a 220-volt 50-hertz motor gate motor complete with anti-theft cage matching gear rack and infrared beam, minimum gate mass must be 2 000 kilograms as per specification and electrical connection at the gate will be supplied by the employer; the connecting and commissioning is included in this tender.
Transformers*	Number	402 559,00	407 778,54	1%▼	1600 kVA, 11,66 kV/420 V, Dyn7, 3Æ hermetically sealed distributions transformer fitted with an MV cable box and LV switch compartment, as specified.
Medium substation*	Number	359 341,00	423 740,29	15%▼	Miniature substations: 500 kVA, 11,66 kV/420 V, Dyn7, type C, 3 diameter substations fitted with MV switchgear and an LV switch compartment.
Miniature substation*	Number	332 007,46	365 001,43	9%▼	315 kVA, 11,5 kV/420 V, Dyn11, type B, 3Ø miniature substation fitted with MV switchgear and an LV switch compartment.



Urban mobility

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Vehicle hire 1-1,5 ton	Hour	82,15	53,79	53%▲	Diesel, max. 240 Nm, 70 kW, manual 5-speed, max. speed 120 km/h, payload, 500 kg, power steering. Wet rate.
Tip truck	Hour	300,00	392,56	24%▼	Tip truck with capacity of 10 m³.
Water tankers 5 000 litres	Day	3 800,00	6 998,27	46%▼	Water tankers (capacity 5 000 litres) to be utilised for stormwater infrastructure and maintenance.
Receptionist and project administrator	Month	25 980,00	17 899,18	45%▲	Receptionist for the transport information centre, acting as project administrator.
Artisan for maintenance of stormwater infrastructure	Hour	33,34	74,44	55%▼	Artisan/operator to perform maintenance services on stormwater infrastructure. Normal working hours.
Labourer for maintenance of stormwater infrastructure	Hour	23,82	32,72	27%▼	Labourer to perform maintenance services on stormwater infrastructure. Normal working hours.
Cleaning of catchpits by hand	Unit	53,83	276,97	81%▼	Disposal of material such as sand, sludge, tree roots or other foreign matter from catchpits and the mouth of the connection. The Vissershok landfill site is a private site, and tariffs are determined by Vissershok waste management facility. Contractor is therefore required to adhere to the tariff for disposal at Vissershok waste management facility.
Junior technician	Hour	287,60	446,76	36%▼	Ad hoc services associated with the supply, installation and maintenance of Avigilon or equivalent CCTV camera systems, associated CCTV networking hardware, software monitoring, and related equipment.
Candidate attorney	Hour	1 350,00	1 199,34	13%▲	Law graduate undergoing practical training providing support services.
CAD operator	Hour	400,00	399,80	0%▲	CAD operator to provide professional services for rail feasibility study.
Registered environmental assessment practitioner (EAP)	Hour	450,00	678,95	34%▼	Professional services for roadworks: Registered environmental assessment practitioner (EAP).
Traffic engineer	Hour	1 100,00	764,59	44%▲	Professional services for roadworks: Traffic engineer.
120-micron refuse bag	Unit	3,15	15,58	80%▼	120-micron refuse bags to be utilised in refuse removal and waste disposal for the CCT.
75-gram polyprop cloth bag	Unit	9,10	162,89	94%▼	75-g polyprop cloth refuse bags to be utilised in refuse removal and waste disposal for the CCT.
40-micron bag	Each	1,45	9,75	85%▼	40-micron refuse bag for use in the City's waste removal.
Goodyear tyre for earthmover	Unit	46 912,24	49 422,05	5%▼	For earthmoving / mechanical plant equipment. Tenderers should provide proof of SANS certification for all tyres offered.
Bridgestone tyre for truck	Unit	7 550,39	8 491,89	11%▼	Light truck and trucks. Tenderers should provide proof of SANS certification for all tyres offered.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Dunlop or Summit tyre for truck	Unit	6 505,20	6 997,95	7%▼	Light truck and trucks. Tenderers should provide proof of SANS certification for all tyres offered.
Firestone tyre for truck	Unit	6 105,00	6 447,55	5%▼	Light truck and trucks. Tenderers should provide proof of SANS certification for all tyres offered.
Supply and install charcoal concrete interlock pavers	Metre²	285,00	724,13	61%▼	Segmented paving. construct herring bone pattern layout. segmented paving area complete including all cutting and fitting edge restraints, 25 mm sand bedding layer graded jointing sand, and roll to lockup state for following pavers unit types 80-millimetre charcoal concrete interlock pavers.
Traffic signboards	Metre²	800,00	1 013,62	21%▼	Road signboards with painted and coloured semi-matte background, symbols, lettering and boarding in semi-matte or in class 1 retro-reflective material where the signboard is constructed from prepainted one-point 4 mm chromatic plate triangle area less than but up to including five square metres.
Gate valve	Number	6 680,00	6 854,12	3%▼	Supply and install AVK-type 110 mm diameter gate valve.
Water meter chamber*	Number	29 000,00	36 246,60	20%▼	Construction of a bulk water meter chamber for civil works.
Articulated dump truck (6x6)	Hour	440,00	549,51	20%▼	Hiring of an articulated dump truck (6x6), 18 000-20 000 kg - with licensed operator / driver.
Bulldozer	Hour	1 195,00	1 059,59	13%▲	Hiring of a bulldozer. 35 000-37 000 kg with licensed operator/driver.
Builders rubble haulage	Unit	800,00	2 556,40	69%▼	Builders rubble: 10m³ container. Haulage up to and including 20km to 30 km radius from disposal/garden waste chipping/ processing facility.
Catchpit disinfection	Unit	100,00	469,30	79%▼	Disinfecting around catchpits, manholes and stormwater structures.
HDPE pipes 200 mm	Metre	107,25	210,70	49%▼	HDPE pipes maximum trench depth 0-2,0 m for nominal diameters up to 200 mm.
Wet refuse collection	Each	14,03	30,92	55%▼	Provision of a wet refuse collection service for various suburbs in the area, conventional once weekly 240-litre mobile container door-to door collection.
Containers	Month	850,00	774,90	10%▲	Supply and maintain open-top containers as and when required at the facility (hook-lift type): 10 m³ containers.
Landfill compactor vehicle	Unit	9 000 000,00	9 761 761,01	8%▼	A new landfill compactor purposely designed for operation on a waste disposal landfill site. Overall mass of no less than 35 000 kg. A diesel-powered engine is required. The engine displacement shall be no less than 10 litres. The power output shall not be less than 250 kW.
Air freshener	Unit	9,34	29,57	68%▼	Aerosol with various fragrances used for deodorising and air freshener. Unit size: 180 ml; unit packaging: Aerosol metal container.
80-micron refuse bag	Pack	0,93	41,78	98%▼	Type: Refuse LDPE/LLDPE recycled material; colour: black; unit size: 750 mm x 950 mm x 50Mic; material: polyethylene; packaging: 100 bags per pack; branding: CCT 3 cm x 5 cm in white ink.
240-litre container	Each	395,00	530,00	25%▼	Refuse container 240 litres: 75%/25% virgin/regrind HDPE content.
Garden refuse removal	Ton	483,57	1 241,79	61%▼	Waste disposal per ton of garden refuse removed from various suburbs.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Refuse removal vehicle	Month	37 769,52	128 708,76	71%▼	Cost of refuse collection vehicle per month.
Wet refuse worker	Month	6 405,20	9 922,60	35%▼	Labour cost per worker per month for wet refuse collection and removal
Supply and install fire hydrant	Number	3 196,75	3 169,04	1%▲	Fire hydrants shall be installed in accordance with SANS 1200, comply with the local Fire Department standard regulations, and be approved by the City's nominated employer's agent. 70% of the material and manufacturing cost of the valves must be from within South Africa.
Supply and install air valve	Number	5 000,00	8 237,48	39%▼	Combination air valve 25 mm (air release and vacuum breaker) complete with T-pieces and couplings where necessary, Class 16 flanged. All combination air valves for water pipework shall be of the non-slaming type, as approved by the employer's agent.
Servicing of 1 00l waste tanks	Number	15,00	118,12	87%▼	Full servicing of 100-litre waste tank units will include: collection of dirty waste tank units, replacement of dirty tank units with clean and recharged tank units, transportation of dirty waste tank units, disposal of the waste contents and recharging of the waste tank units with 20 litres of environmentally friendly chemical.
Servicing toilet unit	Unit	53,99	302,48	82%▼	Servicing of toilet unit, frequency of three times per week. The service provider will be required to notify residents by attaching an approved servicing schedule on the outside and inside of the toilet door.
Rental and maintenance of portable non-flushing chemical toilets	Day	29,40	348,68	92%▼	The rental and maintenance of a portable non-flushing chemical toilet unit. This includes the employment of a general worker from the targeted areas of informality. All general workers are to be appointed from the City's job seekers database. On average, one general worker shall be employed for every 25 toilets to be cleaned.
Vaccination	Unit	525,00	3 082,05	83%▼	Vaccination for hepatitis A, which consists of three shots, one initial booster, and one month later and another 6 months later (from the initial one).
Earthworks (pipe trenches)	Metre	250,00	229,21	9%▲	Excavating all materials for trenches, backfill, compacting, and disposing of surplus/unsuitable material, for replacement of sewer pipes (100-400 mm <i>Æ</i>) for depths exceeding 2,0 m but not exceeding 3,0 m – Region 1.
Sewer mains 200 mm	Metre	175,00	786,35	78%▼	Supply and deliver Class 34 uPVC pipes to SABS 791 (heavy duty) 200 mm <i>Æ</i> pipe.
Sewer mains 250 mm	Metre	50,00	247,75	80%▼	Lay, joint, bed Class C, including testing and couplings Class 34 uPVC pipes to SABS 791 (heavy duty) 250 mm <i>Æ</i> pipe.
Sewer mains 350 mm	Metre	100,00	550,99	82%▼	Lay, joint, bed Class C, including testing and couplings Class 34 uPVC Pipes to SABS 791 (heavy duty) 350 mm <i>Æ</i> pipe.
Connection to sewer at manhole	Number	5 800,00	3 838,76	51%▲	Supply a sewer non-return valve, 110 mm diameter.
Supply and deliver liquid ferric sulphate	Ton	3 930,00	5 894,69	33%▼	Supply and delivery of liquid ferric sulphate to Athlone wastewater treatment plant. Vendors to deliver within a maximum of five calendar days from the date of the purchase order. The liquid ferric sulphate shall be suitable for use in potable water treatment and shall comply with the quality requirements.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Removal, transportation, and disposal or reuse of dewatered wastewater sludge	10 m³	1 046,25	2 390,37	56%▼	The container is equal to 10m³ load. Carrying watertight containers to be used to convey wastewater solids off-site. All trucks transporting wastewater sludge must have containers with sealed tailgates to prevent leakage.
Water meter box	Unit	380,00	322,75	18%▲	Water meters in accordance with SANS 1529-1 and the Legal Metrology Act of 2014. Nominal flow volumetric: 1,5m³. Length: 15 mm; bore: 114mm,
Robot RW 4020	Number	31 042,20	44 662,29	30%▼	Supply of pump spares. Supply of centrifugal pumps less than 2 kW. Robot RW 4020 – 4 1,8kW.
Concrete mixer	Hour	100,00	111,91	11%▼	Hire rate for concrete mixer for concrete water retaining structures.
Clean fill sand	Metre³	225,60	356,29	37%▼	Earthworks/site preparation: Supply clean fill sand for pavement.
Forklift	Day	4 950,00	4 400,10	12%▲	Hiring rate for a forklift with maximum lifting weight of 2,5 tons.
Certificate of Compliance for plumbing	Unit	3 300,00	2 249,23	47%▲	As required, provide Certificate of Compliance for plumbing and drainage installation for works order.
Boat maintenance	Unit	745,00	2 848,22	74%▼	Provision of various maintenance services on boats and marine equipment.
Transportation costs for sewage debris	Ton/km	5,00	34,51	86%▼	Transportation of sewerage debris to Vissershok waste management facility: Transportation costs (single direction – from the work site to the disposal site).
Floating barge dredger	Hour	14 000,00	16 377,86	15%▼	Floating barge dredger for maturation plant (wet rate) with licensed driver/operator. Displacement 3,8 m³. Dredging at 1-8 metres suitable for slurry and sand. Electric pump rating at least 20 kW with electric supply cable at least 150 m in length, with 180 m³/hr at 18 m head (water) capacity, anchoring system cables 10 mm, at least 150 m length, tension strength at least 1,6 tons, delivery hose of at least Ø 150 mm x 200 metres in length.
Industrial broom	Unit	45,00	102,13	56%▼	Heavy-duty industrial broom for commercial or industrial use.,
Combination unit	Month	110 000,00	222 737,09	51%▼	Combination unit/supersuckers. Normal working hours (between 07:30 and 17:00 Monday to Friday).
Water bucket	Unit	55,00	126,37	56%▼	Water bucket: Minimum one per labourer per annum; provision for theft and breakages.
50-ton crane	Kilometre	3 480,00	3 568,12	2%▼	Establish and disestablish 50-ton crane. 50-ton rough terrain cranes, 5-ton lifting capacity at 15 m.
Liquid aluminium sulphate	Ton	3 495,00	24 384,03	86%▼	Liquid aluminium sulphate for use in water purification areas.
High-speed flexible (I/O) Module	Each	23 392,32	27 416,99	15%▼	High-speed input/output flexible module: 4 ports, smart I/O module (SFP+,16Gb FC).
Plastic urinal	Number	3 500,00	2 068,09	69%▲	Urinals plastic (granite) urinal with flushing mechanism 680 mm x 430 mm x 340 mm.
Manhole cover	Unit	3 037,68	2 775,81	9%▲	Manhole covers/frames and grids: 600 mm diameter 2A polymer manhole cover and frame.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Precast concrete channelling	Metre	220,98	191,01	16%▲	Supply and construct precast concrete kerbing and channelling, including all preparation, concrete bedding, etc. as per standard details: C1 channel (1 000 mm length).
Odour control agent	Litre	260,00	266,71	3%▼	Supply and delivery of the odour control agent for wastewater treatment works.
Compressor	Hour	100,00	191,50	48%▼	Plant charges: Compressor (16 m³/min) including hoses and breakers.
Bladders	Day	300,00	434,37	31%▼	Provision of bladders/inflatable (on an as and required basis) for a range of diameters: 80-300 mm.
Dumping site costs	Ton	1 500,00	1 260,62	19%▲	Dumping at Vissershok private landfill site: Cost of dumping at Vissershok private waste disposal site, including all fees and chemicals (all vehicle types).
Cockroach treatment	Unit	100,00	116,26	14%▼	Cockroach treatment in catchpits, manholes and stormwater structures.
Socketed one-end bend	Unit	308,40	511,17	40%▼	Bend: Socketed one-end with integral rubber seal. Material: uPVC. 160 mm; 45 deg; class 12. SABS certified, SANS:966-1 and bearing the SABS mark scheme where applicable.
Leak detection	Unit	70,00	816,29	91%▼	Reticulation leak detection and internal leak detection (retrofitting inspection).
Flash drive	Number	50,00	62,05	19%▼	Electronic data provided on a flash drive (4 GB).
Wire cable and earth	Metre	10,65	13,17	19%▼	Wire and cable 2-core and earth 1,5 mm² 2x core plus earth.
Radar sensor	Unit	10 775,50	11 163,00	3%▼	Radar sensor VEGAPLUS C11, range 8 m IP68.
Coupler	Unit	145,05	331,47	56%▼	Coupler: Copper to copper; brass; 35 mm. Manufactured from corrosion-resistant DZR brass. In accordance with SANS 1067/1, SABS/SANAS Certified or JASWIC listing.
Hose 12 mm	Unit	136,50	163,13	16%▼	12 mm hose used in construction and maintenance services.
Polyelectrolyte	Kg	44,52	48,56	8%▼	Polyelectrolyte consumption of 4,5 kg. Cake dryness > 14% total solids. Primary > 20% total solids. Solid recovery 90%. Type of wastewater sludge to be treated: Raw/primary.
Portable non-flushing chemical toilet unit	Unit	900,00	4 954,63	82%▼	Portable non-flush toilet units: Supply and delivery of portable non-flushing toilet unit. The storage tank of the unit must have a minimum capacity of 200 litres.
Portable flush toilet unit	Unit	7 999,00	13 070,87	39%▼	Portable flush toilet units: Supply and delivery of portable flush toilet units, complete with upper freshwater tank (capacity of 15 to 16 litres) and lower waste holding tank (capacity of 20 to 22 litres).
Portable non-flushing chemical toilet unit for disabled persons	Unit	2 710,00	27 325,21	90%▼	Supply and delivery of portable non-flushing toilet unit. The storage tank of the unit must have a minimum capacity of 200 litres. Dimensions: Height: 1 900-2 500 (mm); width: 923-1 500 (mm); depth: 1 000-1 300 (mm).
Road grader with operator	Set	950,00	3 143,50	70%▼	Road grader 4,2 m. Mold board, with licensed operator, (wet rate).
Water meter 200 mm	Unit	400,00	6 513,93	94%▼	Replacement of 200 mm diameter Woltman-type horizontal meter, insert only AMR compatible.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Skip collection	Month	1 250,00	4 462,50	72%▼	Provide a 6m³ skip for collecting any foreign objects (e.g. sticks, rags, plastics, etc.) as indicated in item.
Cleaning services*	Hour	550,00	308,30	78%▲	Cleaning and unblocking of the toilet pan, inclusive upsweeping, cleaning toilet interior and disinfecting with a chemical that inhibits faecal odours and has no deleterious effect on the safety of users, also disinfecting the exterior and cleaning 2-metre perimeter.
Basic CCTV inspection	Metre	30,00	1 267,25	98%▼	Basic CCTV inspection after cleaning for maintenance of stormwater infrastructure.
Bucket machines	Day	4 400,00	5 762,50	24%▼	Bucket machines (per set) – including the removal of dumping associated with removal to the Vissershok private site. Normal working hours (between 07:30 and 17:00 Monday to Friday). Bucket machines are prohibited to be used in flexible type ‘plastic’ pipes (PVC, HDPE, GRP) or pipes lined with plastic pipes or CIPP, as there is a potential to rip or damage the pipes.
Water tankers 10 000 litres	Month	99 000,00	77 925,00	27%▲	Water tankers (capacity 10 000 litres), normal working hours (between 07:30 and 17:00 Monday to Friday). Will be used on an as and when required basis to alleviate shortage/lack of final effluent or long-standing time in queues.
Activated carbon	Ton	34 500,00	45 750,00	25%▼	To be supplied in 0,20-0,25-ton bulk bags CCT No: 200017704.
uPVC bends	Unit	5,07	10,14	50%▼	uPVC bends 90-degree 20 mm.
Ball valve	Unit	498,34	5 424,17	91%▼	UPVC ball valves with Viton seals (class 16, chemical resistant) 40 mm.
Janitorial services	Hour	35,00	55,90	37%▼	Employ labour from the targeted areas of informality. All general workers are to be appointed from the City’s job seekers database. The tenderer will be responsible for the supervision and training of the labourer. The payment of local labour shall comply to the latest ministerial determination of the Department of Labour for the contract cleaning sector rates.
Site foreman	Hour	137,50	167,13	18%▼	Labour only rate for a site foreman acting as a general supervisor.
Civil engineer	Hour	200,00	254,09	21%▼	Civil engineer to provide professional services.
Mechanical engineer	Hour	1 000,00	1 196,85	16%▼	Mechanical engineer to provide professional services to the City.
Registered professional principals	Hour	450,00	1 001,68	55%▼	Planning, studies, investigations, assessments and additional services: Quantity surveying registered professional principals (5-10 years’ experience).
Chlorine handling training	Course	3 000,00	5 980,68	50%▼	Supply on site, SETA-approved training and proficiency evaluation of staff for chlorine handling, dealing with chlorine leaks and the safe use of available respiratory equipment. Per course based on 10 candidates.
Annual individual site audit and report	Per site	3 000,00	2 812,50	7%▲	Supply one annual confidential individual site audit and report covering liquid chlorine storage, dosing equipment, leak detection equipment, and effectiveness of staff for chlorine handling, dealing with leaks and safe work procedures including use of available respiratory equipment and recommendations for improvements, at each water treatment plant.
Security guard Grade-B	Hour	60,00	115,74	48%▼	Security services limited to first-line response activities only. Refer to clause 19 of the specification. Security guard – Grade B (fully equipped with all necessary facilities on site).

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Security guard Grade D	Hour	50,00	98,16	49%▼	Security services limited to first-line response activities only. Refer to clause 19 of the specification. Security guard Grade-D (fully equipped with all necessary facilities on site).
Grade C operator	Hour	55,00	38,82	42%▲	Grade C control room operator (additional operators on an ad-hoc basis).
Video camera	Unit	344,61	684,42	50%▼	Portable digital video camera.
Card machine	Unit	1 452,02	1 071,56	36%▲	Handheld device and printer card machine for performing traffic contravention services.
Fee per fine paid	Unit	71,99	192,22	63%▼	Basic fee per fine paid. Performance of traffic contravention services for the City.
2,5 kg dry-powder extinguisher	Unit	240,00	332,30	28%▼	Dry-powder fire extinguisher 2,5 kg for various vehicles supplied and delivered to the CCT.
Jacket	Unit	1 449,12	2 343,47	38%▼	Protective equipment: Jacket for use by personnel working on LV, MV and HV electrical works. Same price, small to large.
Security system: Callout rate	Number	675,00	905,65	25%▼	Call-out rates; After-hours call-out charge for own staff (applicable only after depleting first 150 call-outs per year). For maintenance of CCTV systems.
Grass	Metre ²	80,00	154,90	48%▼	Reinstatement services limited to first-line response activities only (includes all reinstatement material supplied and delivered to the site by the contractor). Refer to clause 28 of the specification: Grass.
Crushed stone 13 mm	Metre ³	601,45	353,62	70%▲	Reinstatement services limited to first-line response activities only (includes all reinstatement material supplied and delivered to the site by the contractor). Refer to clause 28 of the specification: Crushed stone (13 mm).
Waste worker	Hour	24,87	37,89	34%▼	Waste worker to provide deep cleaning services. This includes deep cleaning, pest control and disinfection.
Cement bags	Bag	73,21	100,06	27%▼	Supply of 25 kg cement bags 32,5N.
Sand	m ³	160,00	339,41	53%▼	Supply and delivery of sand for construction sites across the city.
Crushed stone 19 mm	Metre ³	145,80	503,83	71%▼	Crushed stone 19 mm for the maintenance and installation of lighting structures.

Future Planning And Resilience

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Social media specialist	Hour	721,00	455,42	58%▲	Specialist for: creating, managing and promoting services.
Copywriter	Hour	957,00	565,24	69%▲	Copywriter for: Leadership development programmes and facilitation.
Senior graphic designer	Hour	650,00	756,25	14%▼	Support the development and implementation of communication initiatives across the City. Department to uphold brand standards/ guidelines, across all ATL (incl. digital and A/V) and BTL work. Receive briefs to develop communication campaigns, or elements thereof and execute according to brief.
Creative art director	Hour	650,00	813,16	20%▼	Creative art director for the City's marketing and communication services.

Finance

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Debit card transaction	%	1%	1%	55%▼	Debit card transaction percentage-based third-party payment services.
Credit card transaction	%	2%	2%	16%▼	Credit card transaction percentage-based third-party payment services.
SCM specialist	Hour	1 510,00	910,51	66%▲	Ad hoc services provided by an SCM specialist.
Project manager: Baboon management	Month	35 055,63	38 106,21	8%▼	Employ and manage baboon field rangers. Price to include salaries, leave, sick leave, WCA, SOL, PAYE, and group life insurance for all levels of staff.
Field ranger: Baboon management	Month	5 259,00	4 962,07	6%▲	Performance of baboon management services. Price to include salaries, leave, sick leave, WCA, SOL, PAYE, and group life insurance for all levels of staff.
Baboon VHF collars	Unit	15 000,00	22 095,12	32%▼	Service provider to ensure that the latest technology is utilised to improve baboon management, which includes remote tracking devices. All tracking collars need to have dual GPS/VHF functions and be within best practice guidelines.
Safety and security specialist	Hour	1 500,00	950,00	58%▲	Provide time-based services by personnel as described in the scope of work projects, including services on the instruction from the employer in respect of services that fall beyond the scope of normal services as described in the scope of work.
Trailer 850 litres	Day	58,00	317,01	82%▼	Minimum 850-litre trailer for tools and equipment.
Basecourse gravel	Ton	145,00	290,75	50%▼	Supply and deliver basecourse gravel G2-37,5 mm.

Community Services And Health

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Ad hoc security officer	Month	10 570,00	16 983,45	38%▼	Guarding: (for use by any council departments) – including transporting security officers to and from points of duty and one inspection per shift, per site by a senior security officer. Armed security officer working a 12-hour shift per day from Monday to Friday. Including a 9 mm calibre loaded pistol and bulletproof vest.
Security guard dog	Month	3 700,00	3 922,06	6%▼	A security dog to provide services at various Council facilities. Including a proper kennel on site.
Quad bikes/motorcycles	Month	3 400,00	3 901,48	13%▼	Quad bikes or motorcycles to provide security services at various facilities. Not less than 250cc.
Armed escort security officer	Month	18 543,59	15 536,22	19%▲	Armed escort or armed mobile patrol, working a 12-hour shift per day from Monday to Sunday (day and/or night shift). Including a 9 mm calibre loaded pistol and bulletproof vest.
Unarmed security officer	Month	13 507,30	13 609,35	1%▼	Unarmed security officer working a 12-hour shift per day from Monday to Friday (day and/or night shift).
Content developer	Hour	871,00	827,34	5%▲	Deliver e-courses. HR-related and other business systems end-user level training courses to staff of the City of Cape Town and employees, including Councillors and EPWP workers. Accreditation with SETA or relevant professional bodies.
Junior ranger service provider	Day	609,00	549,46	11%▲	Junior ranger must meet the following requirements: physically and medically fit, minimum of Grade 10, literate in two languages, police and PSIRA Grade C clearance. Valid first aid level 1, basic firefighting, non-lethal defence system, survival and snake handling certifications.
Senior ranger service provider	Day	736,00	626,57	17%▲	Senior ranger must meet the following requirements: physically and medically fit, minimum of Grade 10, literate in two languages, police and PSIRA Grade C clearance. Valid first aid level 1, basic firefighting, non-lethal defence system, survival and snake handling certifications.
Visitor hub ranger service provider	Day	504,00	496,96	1%▲	Visitor hub ranger must meet the following requirements: physically and medically fit, minimum of Grade 10, literate in two languages, police and PSIRA Grade C clearance. Valid first aid level 1, basic firefighting, non-lethal defence system, survival and snake handling certifications.
Truck driver	Day	1 071,00	1 865,11	43%▼	7-8-ton truck: Lockable closed body driver.
Legal support services	Hour	850,00	2 173,36	61%▼	Conveyancing legal service for legal support, opinions, and miscellaneous legal services. Rates are excluding disbursements, which include printing, scanning, phone calls, the cost of opening a file per instruction, and excluding travelling costs incurred to be reimbursed at applicable SARS travelling rates.
Legal specialist	Hour	1 200,00	1 099,29	9%▲	A professional who provides support in legal matters for business planning and related services.
Senior support engineer	Hour	980,00	838,49	17%▲	Ad hoc support services; OEM support and training. Senior support engineer to supply software, maintain, and support services of telecommunications network management tools.
First-line support	Hour	509,38	655,49	22%▼	Ad hoc support services; OEM support and training. First-line support provider for the City's telecommunications network.
Telecommunication engineer	Hour	830,00	768,49	8%▲	B2: Ad hoc support services, OEM support and training. Engineer to provide services for the City's telecommunication network.



Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
On-site support services	Hour	1 743,64	1 228,98	42%▲	A2: Ad hoc support services, OEM support and training. Provision of on-site support services to meet performance level agreements as set out by the City.
Refrigeration technician	Hour	350,00	221,88	58%▲	Inspections, assessment, reporting, repairs, maintenance and installation type of work heating, ventilation and air conditioning systems.
Ventilation systems callout fee	Number	980,00	920,00	7%▲	Callout fee for maintenance work done on ventilation systems within the City.
Principal project manager: SAP services	Unit	900,00	776,82	16%▲	Appointment of a panel of service providers for the provision of SAP services: Principal project manager.
Therapist	Hour	506,82	515,03	2%▼	Trained professional to assist in people's management of emotional and psychological challenges.
Junior business analyst	Hour	261,25	262,50	0%▲	Junior business analyst in the provision of professional ICT services.
Senior audio-visual technician	Hour	214,90	243,04	12%▼	Senior audio-visual technician for the provision of professional ICT services.
HR business systems training	Hour	1 109,00	788,68	41%▲	Deliver 1-hour session e-courses. HR-related and other business systems end-user level training courses to staff of the City of Cape Town and employees, including Councilors and EPWP workers. Accreditation with SETA or relevant professional bodies.
Entry-level course training	Day	560,00	657,75	15%▼	B2: Ad hoc support services, OEM support and training. Provision of training services for the support and management of telecommunication networks.
Job readiness training*	Unit	1 000 000,00	1 000 000,00	0%▲	Provision of consulting and professional soft services: Job readiness training.
Learner's licence training	Day	153,67	221,71	31%▼	Category 1 Code 8 (B) – learner's licence training.
Private mobile network services (APN)	Month	39 297,72	72 823,86	46%▼	To include all rental costs for connectivity to the City. Infrastructure, setup, configuration, installation, and rental and management of edge routers. Be able to offer, deliver and support multiple segregated private networks to which the City can connect its mobile devices. The network must keep the City's data separate from public traffic, and provide a direct connection back to the City's internal networks.
Small-world systems administrator	Hour	1 086,69	874,30	24%▲	Ad hoc support services, OEM support and training. Small-world systems administrator to supply and maintain the telecommunications network and supply support services.
Global Protect subscription	Unit	9 282,00	15 273,55	39%▼	PA-820 or equivalent 1-year Global Protect subscription.
Integrated media module	Each	1 322 244,08	828 035,16	60%▲	Integrated media module. Specifications: 7x 50 4-PT 100GE CFP4- L3BQ IMM.
ORACLE Acme Packet	R	884,00	1 157,16	24%▼	Oracle Acme Packet 3820 or equivalent (1 000 licensed sessions).
Tape media and labels	Each	2 392,00	1 541,97	55%▲	LTO6 tape media labels.
Pluggable optics	Each	327,18	514,51	36%▼	Pluggable optics: Modular, hot-interchangeable transceiver modules.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
BW Business Trunk Package	Unit	654,90	628,92	4%▲	Supply of licences and software for CISCO Schedule A BroadSoft or equivalent: BW Business Trunk Package or equivalent. One-month subscription.
SIP trunk	Month	13 954,73	201 935,46	93%▼	Rental of SIP Trunk services for the City's telecommunication services.
Handheld fire extinguishers	Unit	605,00	750,55	19%▼	Fire suppression systems: Hand-held CO ₂ fire extinguishers 2 kg.
Servicing of fire extinguishers	Unit	55,00	98,27	44%▼	Servicing of Fire extinguishers, hose reels and hydrants_CO ₂ (carbon dioxide) gas extinguisher. 4-4,5 kg.
Din-rail circuit breaker	Unit	166,08	129,95	28%▲	32-amp 3p din-rail circuit breaker.
High-pressure hose	Unit	3 230,00	2 166,28	49%▲	Homebased site high pressure 5 m hose 25 mm.
Zincalume roof covering	Metre ²	220,00	211,05	4%▲	IBR profile roof covering including accessories. Supply and install 0,53 mm-thick new zincalume or equivalent roof covering.
Nylon insert fittings	Metre	8,00	35,94	78%▼	Nylon insert fittings for plumbing and drainage services: 22 m polypropylene pipe.
Fire alarm optical sensor	Unit	369,74	463,55	20%▼	Fire alarm peripherals: Ziton optical sensor or equivalent.
Portable radio	Unit	23 715,69	30 285,03	22%▼	Ruggedised two-way hand-portable radio (GPS, Bluetooth, and WAP capable).
Supply GPS antenna	Number	183,54	165,68	11%▲	GPS antenna must be a magnetic mount patch antenna with a minimum of 5 metres of coax cable. A standard SMB female connector must be included for connecting the antenna to OBC.
Antenna dish	Unit	5 106,00	4 686,98	9%▲	8 GHz antenna equipment complete dish 2 ft. (0,6 m).
Ecoaire fan	Unit	9 680,40	9 126,65	6%▲	Precision cooling goods: Ecoaire Fan FCUH160 AW3.
Air conditioner 18 000 BTU maintenance	Unit	450,00	725,00	38%▼	Servicing of heating, ventilation and air conditioning equipment. Including all consumables required for optimum service as per manufacturer's instruction.
Air curtain	Unit	2 559,12	3 535,87	28%▼	Complete and supply new air curtain. Including all materials and accessories required for the installation to be fully functional as per manufacturer's instructions. – 900 mm.
Air conditioner 12000BTU	Unit	2 659,36	4 081,29	35%▼	Air conditioner (equipment room) per air conditioner.
Air conditioner 9000BTU	Each	1 764,55	3 437,31	49%▼	Cooling and dehumidifying unit air conditioner 9000BTU.
Lenovo ThinkSystem	Unit	3 315,00	3 305,56	0%▲	Lenovo ThinkSystem 32GB TruDDR4 3200 MHz (2Rx4 1,2V) RDIMM.
Lenovo Broadcom	Each	1 050,00	1 566,83	33%▼	Lenovo ThinkSystem Broadcom 5719 1GbE RJ45 4-port OCP.
D-Link websmart fast ethernet switch	Unit	1 404,00	4 024,06	65%▼	D-Link Web Smart Fast Ethernet Switch equivalent as part of the Supply of Access Control Systems.
Rotary drum and bearing unit	Unit	1 697 507,00	2 005 205,25	15%▼	20 m³ rotary drum and bearing unit as per specification on an existing 6x4 vehicle.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Paddle refuse compactor 6x4	Unit	582 000,00	1 306 868,50	55%▼	19 m³ refuse compactor unit as per specification on an existing 6x4 vehicle.
Paddle compactor vehicle 19 m³	Unit	2 769 855,00	2 733 616,25	1%▲	19 m³ paddle refuse compactor truck.
Roto compacting truck	Unit	3 878 855,00	3 204 646,00	21%▲	20 m³ roto press compactor truck.
Excavator with operator	Day	840,00	1 993,45	58%▼	Excavator tracked (river cleaning) reach > 15 m, with licensed operator, river bucket and mud bucket (wet rate).
Road grader with operator	Day	2 500,00	6 356,60	61%▼	Road grader 4,2 m. Mold board, with licensed operator, (wet rate).
Single-cab pickup truck	Kilometre	1,99	27,02	93%▼	2-wheel drive, 1-ton pickup truck - single cab: Vehicle only.
4-door sedan	Day	300,00	564,97	47%▼	4-door sedan (manual or automatic) 2000 to 3000 CC (luxury sedan) vehicle only.
Luxury sedan	Day	383,50	608,90	37%▼	Group G (luxury sedan) vehicle hires.
14-seater bus	Day	552,00	1 885,73	71%▼	14-seater bus hire.
4 x 4 chassis cab	Unit	1 215 500,00	805 206,24	51%▲	Excluding optional extras: 2,5 kg fire extinguisher, radio/CD player, air conditioner, full-length LED light bar, steel front bulbar incorporating winch mount and front tow hitch points. 200W P/A system and siren, smash-and-grab tinting on windows, idle control for use with PTO, flatbed drop-side payload body. Maintenance Plan, Service Plan, Warranty Plan.
Firefighting unit 4 x 4 chassis cab	Unit	1 440 645,82	1 641 084,94	12%▼	Excluding optional extras: 2,5 kg fire extinguisher, radio/CD player, air conditioner, smash-and-grab tinting on windows, emergency lighting package, 200W siren and PA system, rear towage plus seven-pin trailer plug, alarm immobiliser VESA level 4, steel front bulbar incorporating winch mount.
Bus 23-28-seater	Unit	745 000,00	832 939,65	11%▼	The vehicle must be fitted with the following: air conditioner, radio CD/USB player with Bluetooth phone system, alarm system Vesa-approved level 4.
1-ton panel van	Unit	736 100,00	680 009,24	8%▲	The vehicle must be fitted with the following: air conditioner, radio CD/USB player with Bluetooth phone system, alarm system Vesa-approved level 4.
Seven-seater sports utility vehicle	Unit	598 980,80	452 934,25	32%▲	The vehicle must be fitted with the following: air conditioner, radio CD/USB player with Bluetooth phone system, alarm system Vesa-approved level 4.
Minibus 10-11-seater	Unit	510 243,56	617 560,63	17%▼	The vehicle must be fitted with the following: air conditioner, radio CD/USB player with Bluetooth phone system, alarm system Vesa-approved level 4.
General tyre for passenger LDV	Unit	1 417,39	1 493,94	5%▼	For passenger, light delivery vehicle (LDV), light commercial vehicle LCV, midi/minibuses. Tenderers should provide proof of SANS certification for all tyres offered.
Engine oil	Litre	33,00	40,30	18%▼	Specification CL/1 two-stroke oil. Air-cooled TC.
Anti-syphoning device	Unit	660,00	900,06	27%▼	Anti-theft/-syphoning devices (supply and install) passenger vehicle.

Commodities/services	Unit	Awarded price (R)	Market price (R)	Variance	Summary of specifications
Automatic tank-gauging system	Unit	33 845,00	38 069,68	11%▼	Automatic tank gauging system for on-road fuelling services.
White paper A3	Ream	111,15	195,63	43%▼	White A3; grammage 80gsm; 500 sheets per ream; manufactured in South Africa with at least 50% recycled content, FSC certified, free of acid and chlorine, smooth surface.
White paper A4	Ream	45,65	86,43	47%▼	White A4; grammage 80 gsm; 500 sheets per ream; manufactured in South Africa with at least 50% recycled content, FSC certified, free of acid and chlorine, smooth surface.
Refill: White memo cube	Pack	8,50	40,80	79%▼	Bond; white; 100 mm x 100 mm; grammage 80gsm; packaging 1 000 sheets, each pack individually wrapped in plastic.
Thermal black image rolls	Roll	3,40	80,59	96%▼	Thermal black image roll; 57 mm x 40 mm; grammage 55gsm; 20 rolls per box, 2,7 mm core size, specific for card payment terminal devices.
White A1 flipchart	Ream	28,50	114,72	75%▼	Flip chart; white A1 grammage 60 g; 50 sheets per pad.
Cash register glossy paper	Roll	14,00	74,27	81%▼	Paper type: Roll cash register; size 79 mm x 83 m per roll.
Long-life, full-cream milk in carton	Litre	11,00	17,20	36%▼	Type: Long-life full cream; unit packaging: 1-litre Tetrapak carton with sealed twist top cap; brand: Clover or equivalent; dietary requirements: Halaal and kosher.
Cleaning services	Day	220,40	346,23	36%▼	Cleaning services: Corporate headquarters. Cost per ad hoc labour per 8-hour day. Daily rate for ad hoc services (additional to the monthly tariff as and when required).
Laptop 15"	Each	11 406,25	12 663,07	10%▼	Corporate 15" laptop.
Laptop standard build	Each	11 562,50	15 222,54	24%▼	8th generation Intel® Core i5-8300U processor, 8GB, AMT - version 12.0, Windows 10 Professional 64, hard drive - 256GB self-encrypting solid state drive OPAL 2.0, screen - 15.6" maximum, screen resolution - 15,6" FHD (1920x1080), warranty - 3-year, next-business-day on-site warranty.
Mobile print device	Each	7 423,50	10 267,87	28%▼	4-inch type mobile printing device.

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