



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

Clarification Meeting

Tender 206Q/2023/24: Term Tender For Provision of Construction Works For The Installation and Replacement of Electrical Equipment And Infrastructure For Energy, Human Settlements and Water & Sanitation Directorates

Making progress possible. **Together.**

(Property of City of Cape Town)

Introduction

- ❑ It is to be noted that this clarification meeting is an overview of the Tender Document and the aim is to highlight some important aspects of the Tender Document.
- ❑ It is the responsibility of Tenderers to familiarize themselves with the contents of the Tender documents published.
- ❑ Ensure that the document is filled in completely and signed and supporting documents provided.
- ❑ If after the Clarification meeting you still have questions, please send an e-mail to : Maintenanceservice.standards2@capetown.gov.za
- ❑ Please refrain from communicating directly with other City employees regarding this tender, but use the e-mail address provided.
- ❑ Please sign the attendance register before you leave.
- ❑ Q & A session – after the presentation.



Contents

- ❑ **Volume 1 : Tendering Procedures [Pages 1 to 37]**
- ❑ **Volume 2 : Returnable Documents [Pages 38 to 308]**
- ❑ **Volume 3 : Draft Contract [Pages 309 to 507]**



Volume 1 : Tendering Procedures

❑ Tender Cover page

- ❖ Works projects : Above R1000 up to R10 000 000.
- ❖ Framework Contract Period: Maximum of 36 months from commencement date.

❑ General Tender Information (Page i)

- ❖ Advert date : 28 March 2024.
- ❖ CIDB Grading : 5EP or higher.
- ❖ Non-compulsory clarification meeting: Held on the 11 April 2024 at 10:00. Boardroom 3.69
- ❖ Closing date: 2 May 2024 at 10:00.
- ❖ Tender Box number: 116.
- ❖ Place to submit offers : 2nd Floor, Civic centre, 2 Hertzog Boulevard, Cape Town.
- ❖ Any reference to any trademark, brand, patent shall be deemed to be accompanied by the words “equivalent”.

Volume 1 : Tendering Procedures

❑ Tender Notice and Invitation to Tender (Page 2)

- ❖ Tenderers must be registered on the Supplier Database. Those not registered must be registered upon request to do so.
- ❖ Tenderers must have a CIDB grading of 5EP or higher.
- ❖ Collection of tender documents: Tender Distribution Office, 2nd Floor (Concourse Level), Civic Centre, 12 Hertzog Boulevard, Cape Town.
- ❖ A non-refundable fee is R300 payable by Cash or EFT.
- ❖ Queries relating to the document can be e-mailed to: Maintenanceservice.standards2@capetown.gov.za
- ❖ Telegraphic, telephonic, telex, facsimile, e-mail and late tenders will not be accepted.

Volume 1 : Tendering Procedures

❑ Tender Data (Page 4)

- ❖ The tender is based on the **General Conditions of Contract for Construction Works, 2015.**
- ❖ Further documents which are part of the tender:
 - **Volume 4 – Drawings listed in C3.2 Engineering**
 - **Volume 5 – GCC for Construction works**
 - **Volume 6 – SANS standardised Specifications & the COTO standard specifications for Civil Engineering Construction.**
 - **Volume 7 - The Works Project contract document (separate document to be issued for each Works Project).**
- ❖ **Employer's agents – Page 5**

Volume 1 : Tendering Procedures

❑ C1.6 - Procurement Procedures (Page 6)

- ❖ Seven work categories within the City of Cape Town municipal area have been identified.

ELECTRIFICATION AND BACKYARDERS

Implementation of medium and low voltage system infrastructure works projects for subsidised electricity service connections in formal low cost housing and informal settlements including backyard dwellings and similar subsidised connections. These are works projects initiated and/or implemented by the Energy Directorate as part of Energy's Capital Programme. Includes infills, service relocations and reconstruction of electrification infrastructure after fires or similar disasters for subsidised connections. Public Lighting installations that are part of the same works projects and/or designs as the electrification and backyarders works projects will be deemed to be the same projects and implemented as such. Works Projects typically initiated and/or implemented by Distribution Areas.

INFRASTRUCTURE PROJECTS

New and refurbishment medium voltage system infrastructure projects, medium voltage network reinforcement works projects and selected service connection works projects. These works Projects are typically initiated and/or implemented by Engineering-DSD (Project Implementation). The Head: Distribution System Development and Head: Maintenance and Service Standards or delegated representative shall assent to the implementation of service connection works projects in this work category.

EQUIPMENT REPLACEMENT

Like for like replacement of medium and low voltage infrastructure assets as part of the Distribution Area capital programme e.g. kiosk replacements, minisub replacements, overhead to underground, service relocations and similar works projects. Works Projects typically initiated and/or implemented by Distribution Areas.



Volume 1 : Tendering Procedures

- Work categories continued

- PUBLIC LIGHTING AND TELECOMMUNICATIONS

Public Lighting – Works Projects for the lighting of public municipal roads, public areas and similar facilities. Works Projects typically initiated and/or implemented by Engineering-DSD (Public Lighting Development) or Distribution Areas.

Telecommunications – Works Projects for new and refurbishment telecommunications infrastructure. Works Projects typically initiated and/or implemented by Infrastructure Operations-Protection and Telecommunications.

- SERVICE CONNECTIONS

Works Projects that are for the execution of approved customer service connection applications for single or three phase customer service connections. Works Projects that are typically initiated by Engineering-Service Connection Planning and implemented by the Distribution Areas and/or Engineering-DSD (Project Implementation). The Head: Distribution System Development and Head: Maintenance and Service Standards or delegated representative shall assent to the implementation of service connection works projects in the **Infrastructure Projects** work category.

- HUMAN SETTLEMENTS

Works projects that are initiated and implemented by the Human Settlements Directorate. The scope of work of these works projects shall be in line with the specifications of the framework contract. The execution of the works projects shall be supervised by an Electrical Engineering professional i.e. Electrical Engineer/Technologist/Technician/Artisan.

- WATER AND SANITATION

Works projects that are initiated and implemented by the Water and Sanitation Directorate. The scope of work of these works projects shall be in line with the specifications of the framework contract. The execution of the works projects shall be supervised by an Electrical Engineering professional i.e. Electrical Engineer/Technologist/Technician/Artisan.

Where ambiguity exists on the type of work category to be utilised for a specific works project, the Framework Contract Manager shall provide guidance and his/her decision shall be final.



Volume 1 : Tendering Procedures

- ❑ For the Energy Directorate, the City of Cape Town Electricity Supply boundaries encompass three distribution areas within the City of Cape Town municipal boundaries. Each distribution area has four districts within its boundaries.

Distribution Area	District	Work Areas
East	1. Bloemhof	Work Areas will be anywhere within a Distribution Area. Refer to the drawings for the boundaries of each area (where ambiguity exists as to the exact location of the boundary, the works project manager must be contacted for assistance).
	2. Helderberg	
	3. Oostenberg	
	4. Parow	
North	1. Atlantis	
	2. City	
	3. Mowbray	
	4. Vanguard	
South	1. Mitchells Plain	
	2. Gugulethu	
	3. Muizenberg	
	4. Wynberg	



Volume 1 : Tendering Procedures

- ❑ For Water and Sanitation Directorate, the areas of responsibility and facilities will be anywhere within the City of Cape Town municipal boundaries and are defined as follows:

WATER AND SANITATION- TREATMENT PLANTS			
EAM	Treatment Plants & Pump Stations	Area (Location)	Work Areas
Region 1	Greenpoint- PS	Greenpoint	Work Areas will be anywhere within a Region. Refer to the drawings for the boundaries of each region (where ambiguity exists as to the exact location of the boundary, the Contract Manager must be contacted for assistance).
	Molteno- PS	De Waal Park	
	Oranjezicht- PS	Oranjezicht	
	Raapenberg- PS (Sewer)	Mowbray -Black River	
	Athlone WWTW	Athlone	
	Bridgetown- PS (Sewer)	Bridgetown	
	Langa- PS (Sewer)	Langa- Athlone Power Station	
	Garlandale - PS (Sewer)	Garlandale	
	Cape Flats WWTW	Pelican Park	
	Mitchells Plain WWTW	Mitchells Plain	
Region 2	Wildevoevllei WWTW	Ocean View	
	Newlands- PS & Reservoir	Newlands	
	Kildare PS	Newlands	
	Monteray PS	Wynberg	
	Borcherds Quarry WWTW	Montana (Airport Industrial)	
	Elsies River- PS (Sewer)	Matroosfontein-The Range	
	Bellville WWTW	Bellville South	
	Karl Bremer- PS (Reticulation)	Tygerberg-Parow	
	Tygerberg Reservoir	Tygerberg-Parow	
	Fisantekraal WWTW	Fisantekraal	
	Fisantekraal- PS (Sewer)	Fisantekraal	



Volume 1 : Tendering Procedures

❑ Water and Sanitation Directorate areas - continued

	Spes Bona- PS (Reticulation)	Durbanville Farms	<p>Work Areas will be anywhere within a Region.</p> <p>Refer to the drawings for the boundaries of each region (where ambiguity exists as to the exact location of the boundary, the Contract Manager must be contacted for assistance).</p>
	Kraaifontein WWTW	Kraaifontein	
	Blackheat WTW	Stellenbosch Farms	
	Faure WTW	Stellenbosch Farms	
	Steenbrass WTW	Gordonsbay	
	Steenbrass TMGA	Overberg/Grabouw	
	Firlands- PS (Reticulation)	Gordons Bay	
	Macassar WWTW	Macassar	
	Zandvliet WWTW	Khayelitsha	
	Helderberg Coastal Sewer- PS	Helderberg	
Wemmershoek- WTW Village Housing			
Wemmershoek- WTW	Franschoek		
Wemmershoek- Sen Staff Housing			
Region 3	Wesfleur WWTW	Atlantis (Industrial)	
	Witzands- PS	Atlantis	
	Melkbos Booster- PS	Vissershok (N7)	
	Paarden Eisland- PS	Paarden Eisland	
	Plattekloof	Plattekloof	
Plattekloof- Reservoir	Plattekloof		
Voelvllei WTW	Hermon-Gouda		



Volume 1 : Tendering Procedures

- ❑ For Human Settlements Directorate, the areas of responsibility will be anywhere within the municipal boundaries as directed by the delegated authority.

- ❑ Appointment of Contractors (Page 8):
 - ❖ The Employer intends to appoint one contractor (the highest ranked tenderer (“the winner”) and in addition an alternative panel of one contractor) for each work category for the allocation of work on a “winner-takes-all” basis in terms of the definitions in C.1.3 above, but reserves the right to appoint fewer tenderers to the alternative panel, or not to appoint a winner and/or alternative panel at all, for a work category or work categories.

 - ❖ Tenderers may elect to tender for all work categories or less, as indicated by them in the schedule titled Work categories of Preference (Schedule 19). Please refer to page 301 for preference table.

Volume 1 : Tendering Procedures

- ❑ C.2 Tenderer's obligations (page 11)
 - ❖ C.2.1.1 Tenderers are obligated to submit a tender offer that complies in all aspects to the conditions as detailed in this tender document. An 'acceptable tender must "COMPLY IN ALL aspect with the tender conditions, specifications, pricing instructions and contract conditions.
 - ❖ C.2.1.3 Only those tender submissions from which it can be established that a clear and unambiguous offer has been made to Employer, by whom the offer has been made and what the offer constitutes, will be declared responsive.
 - ❖ C.2.1.4.1 Construction Industry Development Board (CIDB) Registration
Only tenderers who are registered with the CIDB, or capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a 5EP contractor grading designation, are eligible to have their tenders evaluated.

Volume 1 : Tendering Procedures

- ❑ **Joint Ventures are eligible to submit tenders provided that:**
 - a) every member of the joint venture is registered with an active status with the CIDB;**
 - b) the lead partner has a contractor grading designation of not lower than one level below the required grading designation in the EP class of construction work; and**
 - c) the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a 5EP contractor grading designation.**

Volume 1 : Tendering Procedures

- ❑ **C.2.1.4.2 Compliance with requirements of CCT SCM Policy and procedures - Only those tenders that comply with the requirements below will be declared responsive (page 11)**
- a) A completed **Compulsory Enterprise Questionnaire** to be provided (applicable schedule to be completed)
 - b) A completed **Certificate of Authority for Partnerships/ Joint Ventures/ Consortiums** to be provided authorising the tender to be made and the signatory to sign the tender on the partnership /joint venture/consortium's behalf (applicable schedule to be completed);
 - c) A copy of the partnership / joint venture / consortium agreement to be provided;
 - d) A completed **Declaration of Interest – State Employees** to be provided and which does not indicate any non-compliance with the legal requirements relating to state employees (applicable schedule to be completed);
 - e) A completed **Declaration – Conflict of Interest** and **Declaration of Bidder's past Supply Chain Management Practices** to be provided and which does not indicate any conflict or past practises that renders the tender non-responsive based on the conditions contained thereon (applicable schedules to be completed);
 - f) A completed **Certificate of Independent Bid Determination** to be provided and which does not indicate any non-compliance with the requirements of the schedule (applicable schedule to be completed);
 - g) The tenderer (including any of its directors or members), has not been restricted in terms of abuse of the Supply Chain Management Policy;
 - h) The tenderer's tax matters with SARS are in order, or the tenderer is a foreign supplier that is not required to be registered for tax compliance with SARS;
 - i) The tenderer is not an advisor or consultant contracted with the Employer whose prior or current obligations creates any conflict of interest or unfair advantage;
 - j) The tenderer is not a person, advisor, corporate entity or a director of such corporate entity, involved with the bid specification committee;
 - k) A complete Authorisation for the Deduction of Outstanding Amount Owed to the City of Cape Town to be provided and which does not indicate any details that renders the tender non-responsive based on the conditions contained thereon (applicable schedules to be completed);
 - l) The tenderer (including any of its directors or members), has not been found guilty of contravening the Competition Act 89 of 1998, as amended from time to time;
 - m) The tenderer (including any of its directors or members), has not been found guilty on any other basis listed in the SCM Policy.

Volume 1 : Tendering Procedures

❑ C.2.1.4.3 Minimum score for functionality (page 12)

- ❖ In order to be considered for a contract in terms of this tender, tenderers must achieve the minimum score for functionality as stated below.
- ❖ The description of the functionality criteria and the maximum possible score for each work category is shown in the table on the next following slide. The score achieved for functionality will be the sum of the scores achieved, in the evaluation process, for the individual criteria.
- ❖ Previous Experience to be populated on Schedule 9 of the returnable schedules.
- ❖ Details of Staff shall be entered into Schedule 12 of the Returnable Schedules.

Volume 1 : Tendering Procedures

□ C.2.1.4.3 Minimum score for functionality (page 13)

Description of functionality criteria	Evaluation Scoring	Points
<p>Previous Experience of tenderer At least 2 years' experience of the tendering entity with respect to similar type of construction work as specified in this tender, including but not limited to excavation, laying, jointing and termination of cables, installation and decommissioning of electrical reticulation equipment completed in the past or that are underway at present; Proof of previous experience depicting the start and end dates (month and year) of the listed projects in the form of award letters, works orders, purchase orders, completion certificates or similar proof of experience to be submitted with the tender document</p>	<ul style="list-style-type: none"> ▪ < 2 years' experience (0 points) ▪ 2-4 years' experience (12 points) ▪ 5-7 years' experience (15 points) ▪ ≥ 8 years' experience (20 points) 	20
<p>Key Staff (staff to be dedicated to a work category and are to be allocated individual roles only e.g. Electrician cannot be the same person as Construction Supervisor, Cable Jointer or Semi-Skilled Person)</p>		
<p>Construction Supervisors</p> <ul style="list-style-type: none"> ▪ 5 years' experience in supervision of similar construction projects 	<ul style="list-style-type: none"> ▪ < 6 Construction Supervisors (0 points) ▪ 6 Construction Supervisors (10 points) ▪ 7-8 Construction Supervisors (12 points) ▪ ≥ 9 Construction Supervisors (15 points) 	15
<p>Electricians</p> <ul style="list-style-type: none"> ▪ 5 years' experience as Electrician in similar work ▪ Successfully passed a trade test/declared competent in the trade Electrician. Foreign qualifications to be certified by South African Qualifications Authority. Trade test certificate to be submitted with the tender document <p>NRS 040 certification will not be acceptable as equivalent to or replacement for trade test certificate</p>	<ul style="list-style-type: none"> ▪ < 6 Electricians (0 points) ▪ 6 Electricians (22 points) ▪ 7-8 Electricians (25 points) ▪ ≥ 9 Electricians (30 points) 	30



Volume 1 : Tendering Procedures

□ C.2.1.4.3 Minimum score for functionality - continued

<p>Cable Jointers</p> <ul style="list-style-type: none"> ▪ 5 years' experience in Medium Voltage cable jointing and terminations ▪ Certified competent by a recognised major cable joint/termination manufacturer <li style="text-align: center;">or ▪ Certified competent in terms of South African Qualifications Authority Further Education and Training Certificate: Cable Jointing and Termination, SAQA QUAL ID: 58204 <li style="text-align: center;">or ▪ Certified competent in terms of a similar MV cable jointing and termination training/certification <li style="text-align: center;">or ▪ Certified competent by the City of Cape Town Electricity Training Centre <p>NRS 040 certification will not be acceptable as equivalent to or replacement for cable jointer training/certification</p>	<ul style="list-style-type: none"> ▪ < 6 Cable Jointers (0 points) ▪ 6 Cable Jointers (16 points) ▪ 7-8 Cable Jointers (18 points) ▪ ≥ 9 Cable Jointers (20 points) 	20
<p>Semi-Skilled Persons</p> <ul style="list-style-type: none"> ▪ 5 years' experience in maintenance and/or construction of electrical reticulation infrastructure or similar work 	<ul style="list-style-type: none"> ▪ < 6 Semi-Skilled Persons (0 points) ▪ 6 Semi-Skilled Persons (10 points) ▪ 7-8 Semi-Skilled Persons (12 points) ▪ ≥ 9 Semi-Skilled Persons (15 points) 	15
Maximum possible score for Functionality		100

The minimum score for functionality is **70**. Tenderers that fail to achieve the minimum score for functionality will be declared as non-responsive. Where the entity tendering is a Joint Venture the tender must be accompanied by a statement describing exactly what aspects of the work will be undertaken by each party to the joint venture (appended to Schedule 3, Part T2.2: Returnable Schedules).



Volume 1 : Tendering Procedures

- ❑ Refer to clause 5.5 of the Description of the Works for minimum quantities of personnel per work category. If the tenderer intends to submit an offer for more than one category, please provide additional resources (staff).
- ❑ Tenderers to populate the returnable schedules indicating their experience and staff compliments.
- ❑ No “new information” will be accepted after close of tender i.e. additional electricians, supervisors or jointers.
- ❑ The BEC may request clarity on information provided by the tenderer.
- ❑ Proof of Tools, equipment & vehicles will be required before commencement of contract.
- ❑ C.2.1.4.5 Good standing with Bargaining Council (page 15).

Only those tenders submitted by tenderers who are in good standing with the National Bargaining Council for the Electrical Industry of South Africa (NBCEI) at the time of the tender award will be declared responsive. Tenderers must attach such proof to the schedule titled Declaration in Respect of Compliance with Labour Legislation or obtain such upon being requested to do so in writing and within the period contained in such a request, failing which their tenders will be declared non-responsive.



Volume 1 : Tendering Procedures

- ❑ C.2.10.5 – Pricing the tender offer (page 15)
 - ❖ Tenderers to submit rates only for the work categories tendered for. If a nil rate is inserted it will be considered that there is no charge for the item.
 - ❖ The tenderer may be requested by the Employer to clarify nil rates or items regarded as having nil rates. The Employer may also perform a risk analysis in respect of such rates.
- ❑ Alternative tender offers
 - ❖ C.2.12.1 Alternative rates/tender offers will not be considered.
- ❑ Submitting a tender offer
 - ❖ 1 copy of the following elements of the bid submission must be submitted separately bound in the same envelope, where possible:

Number	Heading
T2.2	Returnable Schedules
	<ul style="list-style-type: none"> ▪ List of similar electrical reticulation construction projects successfully completed or underway at present (including proof thereof in the form of award letters, works/purchase orders) - Proof of previous experience depicting the start and end dates (month and year) of the listed projects in the form of award letters, works orders, purchase orders, completion certificates or similar proof of experience to be attached) to the tender as per C.2.1.4.3. ▪ List of key staff to be allocated to tender/contract including CVs and certificates of each of the staff member declared - (Key Staff as per C.2.1.4.3) ▪ Proof of good standing with the National Baragining Council for the Electrical Industry of South Africa (NBCEI)-(As per C.2.1.4.5)
	All other attachments submitted by bidder

Volume 1 : Tendering Procedures

- ❑ A two envelope procedure WILL NOT be followed.

- ❑ Tender offer validity
 - ❖ C.2.16.1 The tender offer validity period is 12 weeks (84 days).
 - ❖ Notwithstanding the period stated above, bids shall remain valid for acceptance for a period of twelve (12) months after the expiry of the original validity period, unless the City is notified in writing of anything to the contrary by the bidder.

- ❑ Clarification of tender offer after submission
 - ❖ A tender will be rejected as non-responsive if the tenderer fails to provide any clarification or supporting documentation requested by the Employer within the time for submission stated in the Employer's written request for such clarification or documentation

Volume 1 : Tendering Procedures

- ❑ Evaluation of tender offers (page 19)

- ❖ **Functionality scoring**

- ❖ **The tender will be evaluated in terms of the requirements of the Preferential Procurement Regulations.**
- ❖ **The 90/10 preference point system is applicable to this tender.**

- ❖ **90 points for price, 10 points for preference (specific goals).**

Volume 1 : Tendering Procedures

❑ Preference points shall be based on the Specific Goal as per below (page 20)

#	Specific goals allocated points	Preference Points (90/10) <i>Above R50 mil</i>	Evidence	Additional Guidance
<i>Persons, or categories of persons, historically disadvantaged- (HDI) by unfair discrimination on the basis of</i>				
1	Gender are women (ownership)* >75% - 100% women ownership: 3 points >50% - 75% women ownership: 2 points >25% - 50% women ownership: 1 point >0% - 25% women ownership: 0.5 point 0% women ownership = 0 points	3	<ul style="list-style-type: none"> Company Registration Certification Central Supplier Database report 	<ul style="list-style-type: none"> Issued by the Companies and Intellectual Property Commission Report name: CSD Registration report
2	Race are black persons (ownership)* >75% - 100% black ownership: 3 points >50% - 75% black ownership: 2 points >25% - 50% black ownership: 1 point >0% - 25% black ownership: 0.5 point 0% black ownership = 0 points	3	<ul style="list-style-type: none"> B-BBEE certificate; Company Registration Certification Central Supplier Database report 	<ul style="list-style-type: none"> South African National Accreditation System approved certificate or commissioned sworn affidavit Issued by the Companies and Intellectual Property Commission Report name: CSD Registration report
3	Disability are disabled persons (ownership)* <i>WHO disability guideline</i> >2% ownership: 1 points >0% - 2% ownership: 0.5 point 0% ownership = 0 point	1	<ul style="list-style-type: none"> Proof of disability Company Registration Certification 	<ul style="list-style-type: none"> Medical certificate/ South African Revenue Services disability registration Issued by the Companies and Intellectual Property Commission



Volume 1 : Tendering Procedures

❑ Preference points shall be based on the Specific Goal as per below (page 20) – continued

<i>Reconstruction and Development Programme (RDP) as published in Government Gazette</i>				
4	<p><i>Promotion of Micro and Small Enterprises</i> <i>Micro with a turnover up to R20million and Small with a turnover up to R80 million as per National Small Enterprise Act, 1996 (Act No.102 of 1996)</i></p> <p><i>SME partnership, sub-contracting, joint venture or consortiums</i></p>	3	<ul style="list-style-type: none"> B-BBEE status level of contributor; 	<ul style="list-style-type: none"> Specifically in line with the respective sector codes which the company operates, South African National Accreditation System approved certificate or commissioned sworn affidavit
			<ul style="list-style-type: none"> South African owned enterprises; 	<ul style="list-style-type: none"> Certificate of incorporation or commissioned sworn affidavit
			<ul style="list-style-type: none"> Financial Statement to determine annual turnover 	<ul style="list-style-type: none"> Latest financial statements (1 Year)
Total points		10		

**Ownership: main tendering entity*

Volume 1 : Tendering Procedures

❑ C.3.11.1 General procurement procedures (page 21)

The Employer shall have assigned quantities to the items in the Schedules of Rates necessary for the execution of the representative Works Projects. The assigned quantities shall be multiplied by the tendered rates submitted by the tenderers to obtain amounts that will be totalled to provide a financial offer for each tenderer for the representative Works Projects. The financial offer per work category, required in terms of the Preferential Procurement Regulations, shall be determined by the sum of the representative Works Projects for each tenderer.

❑ C.3.19 Negotiations with preferred tenderers

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

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

Volume 2 : Returnable Documents

- ❑ C1.1 Form of Offer and Acceptance (page 41)
 - ❖ Tenderers to ensure that the form of offer is populated correctly and the person who signs must be authorised to sign the offer or enter into contracts on behalf of the company.
- ❑ C2.2 Schedules of Rates (page 46)
- ❑ Refer to C2.1 Pricing Assumptions (page 346 - 348)
 - ❖ BOQ consists of 7 BOQ's: tenderers to populate rates for their preferred work category.
 - ❖ The contract envisaged is a rates based contract, not lump sum.
 - ❖ All activities where labour intensive methods will be utilised are identified in the BOQ and marked with #.
 - ❖ The excavation rate must be inclusive of all costs incurred to execute the work(includes costs for the employment of EPWP-recruitment, employment, induction and remuneration of EPWP workers, issuing of PPE, medical certificates of fitness and administrative reporting of employment opportunities).
 - ❖ Tenderers to note that rates for excavation, backfilling and re-instatement shall include the bulking and compaction factors of materials.
- ❑ Declaration in respect of correctness to be signed (page 271).



Volume 2 : Returnable Documents

❑ T2.2 Returnable Schedules (page 272)

Tenderers to ensure that all the schedules are completed and signed:

1. **COMPULSORY ENTERPRISE QUESTIONNAIRE.**
2. **CERTIFICATE OF INDEPENDENT TENDER DETERMINATION.**
3. **CERTIFICATE OF AUTHORITY FOR JOINT VENTURES (signed where applicable).**
4. **DECLARATION OF TENDERER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES (MBD 8).**
5. **DECLARATION OF INTEREST – STATE EMPLOYEES (MBD 4 amended).**
6. **AUTHORISATION FOR THE DEDUCTION OF OUTSTANDING AMOUNTS OWED TO THE CITY OF CAPE TOWN.**
7. **DECLARATION IN RESPECT OF COMPLIANCE WITH LABOUR LEGISLATION.**
8. **CONFIRMATION OF CITY OF CAPE TOWN SUPPLIER DATABASE REGISTRATION.**

Volume 2 : Returnable Documents

- ❑ Regarding Schedules, Tenderer's to refrain from writing "SEE ATTACHED ANNEXURE" or " Staff will be provided at commencement of contract".

Volume 2 : Returnable Documents

❑ SCHEDULE 9: SCHEDULE OF WORK EXPERIENCE OF TENDERER (page 285-286)

CITY OF CAPE TOWN

ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION

CONTRACT NO. 206Q/2023/24

TERM TENDER FOR PROVISION OF CONSTRUCTION WORKS FOR THE INSTALLATION AND REPLACEMENT OF ELECTRICAL EQUIPMENT AND INFRASTRUCTURE FOR ENERGY, HUMAN SETTLEMENTS AND WATER AND SANITATION DIRECTORATES

SCHEDULE 9: SCHEDULE OF WORK EXPERIENCE OF TENDERER

The tenderer shall insert in the spaces provided below a list of similar completed projects/contracts awarded to him.

EMPLOYER/CLIENT NAME	PROJECT NAME	SCOPE OF WORK/DUTIES PERFORMED	CONTACT PERSON	CONTACT NUMBER	START DATE (Month & Year)	END DATE (Month & Year)	VALUE OF CONTRACT R
COMPLETED PROJECTS/CONTRACTS							

**The scope of work/duties performed column must include the specific activities undertaken for each project declared e.g. excavations, installation of low/medium voltage underground cables, planting of 11m wooden poles, installation/replacement of 2x315kVA minisubs etc. Proof of previous experience depicting the start and end dates (month and year) of the listed projects in the form of award letters, works orders, purchase orders, completion certificates or similar proof of experience to be submitted with the tender document. The BEC reserves the right to seek clarity on information submitted. If more space is required, the details can be provided on a separate sheet/s and referenced accordingly.

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

SIGNED ON BEHALF OF TENDERER:

Volume 2 : Returnable Documents

- SCHEDULE 10: SCHEDULE OF EQUIPMENT INSTALLATIONS AND SERVICE HISTORY – NOT APPLICABLE (page 287)**
- SCHEDULE 11: CONFIRMATION OF CONTRACTOR REGISTRATION/ ACCREDITATION (FOR INFORMATION ONLY) (page 288)**

Volume 2 : Returnable Documents

□ SCHEDULE 12: DETAILS OF QUALIFICATIONS AND EXPERIENCE OF STAFF

SCHEDULE 12: DETAILS OF QUALIFICATIONS AND EXPERIENCE OF STAFF

Tenderers shall set out in the Schedule hereunder details of the listed key staff to be utilised in the contract. Comprehensive and clearly legible CVs, certificates and all other relevant accompanying documents to be submitted with the tender document. The CV shall contain as a minimum the start and end dates (at least month and year), employer, detail of roles and responsibilities or duties performed for each of the employment periods declared. The City reserves the right to seek clarity on the declared information. Upon request, the tenderer shall provide the required clarity; failure to respond to clarity may render the tender submission non-responsive.

CONSTRUCTION MANAGER (For information only) (Not for evaluation, to be required before contract commencement) (NQF level 6 qualification in Engineering/Built Environment, 3 years' experience in the construction industry, registration with statutory body as Candidate Construction Manager, Certificate/Diploma in Occupational Health and Safety/Health and Safety Management (registration as Professional Construction Manager advantageous) Refer to clause 5.4.2 of the specification	NAME AND SURNAME:					
	QUALIFICATIONS					
	STATUTORY BODY REGISTERED WITH					
	REGISTRATION CATEGORY					
	POST QUALIFICATION EXPERIENCE (YEARS)					
LIST OF PROJECTS UNDERTAKEN/COMPLETED/CURRENTLY UNDER WAY						
EMPLOYER/CLIENT	SCOPE/NATURE OF WORK	PROJECT NAME	POSITION HELD	VALUE OF WORK	COMMENCEMENT DATE (Month and Year)	COMPLETION DATE (Month and Year)

If more space is required, additional sheets may be appended and indexed accordingly. Number of sheets appended by the tenderer to this Schedule (If nil, enter NIL).

SIGNED ON BEHALF OF THE TENDERER:

Tender
T2.2
Part T2: Returnable Documents
Reference No. 206Q/2023/24

289
Returnable Schedules

Volume 2 : Returnable Documents

□ SCHEDULE 12: DETAILS OF QUALIFICATIONS AND EXPERIENCE OF STAFF

TERM TENDER FOR PROVISION OF CONSTRUCTION WORKS FOR THE INSTALLATION AND REPLACEMENT OF ELECTRICAL EQUIPMENT AND INFRASTRUCTURE FOR ENERGY, HUMAN SETTLEMENTS AND WATER AND SANITATION DIRECTORATES

SCHEDULE 12: DETAILS OF QUALIFICATIONS AND EXPERIENCE OF STAFF (CONTINUED)

Tenderers shall set out in the Schedule hereunder details of the listed key staff to be utilised per work category in the contract. Comprehensive and clearly legible CVs, certificates and all other relevant accompanying documents to be submitted with the tender document. The CV shall contain as a minimum the start and end dates (at least month and year), employer, detail of roles and responsibilities or duties performed for each of the employment period declared. The City reserves the right to seek clarity on the declared information. Upon request, the tenderer shall provide the required clarity; failure to respond to clarity may render the tender submission non-responsive.

For evaluation purposes

DESIGNATION	NAME AND SURNAME	IDENTITY NUMBER	RELEVANT EXPERIENCE (YEARS)	CV ATTACHED (YES)
CONSTRUCTION SUPERVISORS (5 years' experience in supervision of similar construction projects) Refer to clause 5.4.3 of the specification				

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

SIGNED ON BEHALF OF TENDERER



Volume 2 : Returnable Documents

❑ SCHEDULE 12: DETAILS OF QUALIFICATIONS AND EXPERIENCE OF STAFF

SCHEDULE 12: DETAILS OF QUALIFICATIONS AND EXPERIENCE OF STAFF (CONTINUED)

Tenderers shall set out in the Schedule hereunder details of the listed key staff to be utilised per work category in the contract. Comprehensive and clearly legible CVs, certificates and all other relevant accompanying documents to be submitted with the tender document. The CV shall contain as a minimum the start and end dates (at least month and year), employer, detail of roles and responsibilities or duties performed for each of the employment period declared. The City reserves the right to seek clarity on the declared information. Upon request, the tenderer shall provide the required clarity; failure to respond to clarity may render the tender submission non-responsive.

For evaluation purposes

DESIGNATION	NAME AND SURNAME	IDENTITY NUMBER	RELEVANT EXPERIENCE AS ELECTRICIAN (YEARS)	TRADE TESTED (YES/NO)	TRADE TEST ATTACHED (YES/NO)	CV ATTACHED (YES/NO)
ELECTRICIANS (5 years' experience in electrical reticulation –LV and MV construction and maintenance) Qualified Electrician (Trade tested) Refer to clause 5.4.4 of the specification						

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

SIGNED ON BEHALF OF TENDERER



Volume 2 : Returnable Documents

❑ SCHEDULE 12: DETAILS OF QUALIFICATIONS AND EXPERIENCE OF STAFF

SCHEDULE 12: DETAILS OF QUALIFICATIONS AND EXPERIENCE OF STAFF (CONTINUED)

Tenderers shall set out in the Schedule hereunder details of the listed key staff to be utilised per work category in the contract. Comprehensive and clearly legible CVs, certificates and all other relevant accompanying documents to be submitted with the tender document. The CV shall contain as a minimum the start and end dates (at least month and year), employer, detail of roles and responsibilities or duties performed for each of the employment period declared. The City reserves the right to seek clarity on the declared information. Upon request, the tenderer shall provide the required clarity; failure to respond to clarity may render the tender submission non-responsive.

For evaluation purposes

DESIGNATION	NAME AND SURNAME	IDENTITY NUMBER	RELEVANT EXPERIENCE AS CABLE JOINTER (YEARS)	CABLE JOINTING/TERMINATION CERTIFICATION ATTACHED (YES/NO)	DATE OF TRAINING/ CERTIFICATION (Month and year)	CV ATTACHED (YES/NO)
CABLE JOINTERS (5 years' experience in Medium Voltage cable jointing and termination) Certified competent by a recognised major cable joint/termination manufacturer or Certified competent in terms of South African Qualifications Authority Further Education and Training Certificate: Cable Jointing and Termination, SAQA QUAL ID: 58204 or Certified competent in terms of a similar MV cable jointing and termination training/certification or Certified competent by the City of cape Town Electricity Training Centre) Refer to clause 5.4.6 of the specification						

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

Volume 2 : Returnable Documents

□ SCHEDULE 12: DETAILS OF QUALIFICATIONS AND EXPERIENCE OF STAFF

SCHEDULE 12: DETAILS OF QUALIFICATIONS AND EXPERIENCE OF STAFF (CONTINUED)

Tenderers shall set out in the Schedule hereunder details of the listed key staff to be utilised per work category in the contract. Comprehensive and clearly legible CVs, certificates and all other relevant accompanying documents to be submitted with the tender document. The CV shall contain as a minimum the start and end dates (at least month and year), employer, detail of roles and responsibilities or duties performed for each of the employment period declared. The City reserves the right to seek clarity on the declared information. Upon request, the tenderer shall provide the required clarity; failure to respond to clarity may render the tender submission non-responsive.

For evaluation purposes

DESIGNATION	NAME AND SURNAME	IDENTITY NUMBER	RELEVANT EXPERIENCE AS ELCONOP 2/ SEMI SKILLED PERSON (YEARS)	CV ATTACHED (YES/NO)
SEMI SKILLED PERSON (2 years' experience in maintenance and/or construction of electrical reticulation infrastructure or similar work) Refer to clause 5.4.5 of the specification				

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

SIGNED ON BEHALF OF TENDERER



CITY OF CAPE TOWN
 ISIXEKO SASEKAPA
 STAD KAAPSTAD

Volume 2 : Returnable Documents

- SCHEDULE 13: SCHEDULE OF CONSTRUCTION EQUIPMENT (page 294)**
 - For information only – To be required at contract commencement.

- SCHEDULE 13: VEHICLES AND SPECIALISED EQUIPMENT (page 295)**
 - For information only – To be required at contract commencement

- SCHEDULE 14: DETAILS OF TENDERER'S WORKSHOP FACILITIES (page 296)**
 - For information only – to be required at contract commencement.

- SCHEDULE 15: SCHEDULE OF SUB-CONTRACTORS (page 297)**
 - For information only.
 - Sub-Contractors undertaking reinstatement activities must have a CIDB grading of 1CE or higher.

- SCHEDULE 16: HEALTH AND SAFETY PLAN (page 298)**
 - For information only

Volume 2 : Returnable Documents

❑ SCHEDULE 17: PROPOSED DEVIATIONS AND QUALIFICATIONS BY TENDERER (page 299)

❑ SCHEDULE 18: FUNCTIONALITY CRITERIA

For each work category the Tenderer shall provide information for the functionality criteria listed in this Returnable Schedule.

The Tenderer's attention is drawn to clause C.2.1.4.3 in the Tender Data for a more detailed explanation of the functionality criteria given in the table below and how the score will be calculated (with applicable values).

Description of functionality criteria	Maximum possible score
Previous experience of tenderer Demonstrated experience of the tendering entity with respect to similar type of construction works as specified in this tender document;	20
Key staff - Qualifications and demonstrated experience of the key staff;	80
Maximum possible score for Quality (Ms)	100

The minimum score for functionality is **70**. Tenderers that fail to achieve the minimum score for functionality will be rejected.

Volume 2 : Returnable Documents

❑ SCHEDULE 19: WORK CATEGORIES OF PREFERENCE (page 301)

SCHEDULE 19: WORK CATEGORIES OF PREFERENCE

The Tenderer shall

- complete this Work categories of Preference schedule to indicate his preferred work categories, where the Tenderer has submitted rates for more than one work category;
- indicate his order of preference (first to seventh) by inserting the appropriate number (1,2,3,etc.) alongside the preference; or
- if submitting rates for only one category, insert the number "1" next to the category of preference.

Work category		Preference (1,2,3 etc.)
ENERGY DIRECTORATE	ELECTRIFICATION AND BACKYARDERS	
	INFRASTRUCTURE PROJECTS	
	EQUIPMENT REPLACEMENT	
	PUBLIC LIGHTING AND TELECOMMUNICATIONS	
	SERVICE CONNECTIONS	
HUMAN SETTLEMENTS DIRECTORATE		
WATER AND SANITATION DIRECTORATE		

SIGNED ON BEHALF OF TENDERER:

Tender
T2.2
Part T2: Returnable Documents
Reference No. 206Q/2023/24

301

Returnable Schedules



CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

Volume 2 : Returnable Documents

- ❑ **SCHEDULE 20: NOT USED (page 302)**

- ❑ **SCHEDULE 21: PRICE BASIS FOR IMPORTED RESOURCES – NOT APPLICABLE (page 303)**

- ❑ **SCHEDULE 22: RECORD OF ADDENDA TO TENDER DOCUMENTS (page 304)**
 - **Confirmation of communications received from the Employer.**

- ❑ **SCHEDULE 23: PREFERENCE SCHEDULE (page 305)**

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	90
SPECIFIC GOALS	10
Total points for Price and SPECIFIC GOALS	100

Volume 2 : Returnable Documents

- ❑ **Specific goals (page 306)**
- **Tenderers to populate points claimed for specific goals.**

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) <i>(To be completed by the organ of state)</i>	Number of points claimed (90/10 system) <i>(To be completed by the tenderer)</i>
Gender	3	
Race	3	
Disability	1	
Promotion of Micro and Small Enterprises	3	

FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

❑ **3.1 Points awarded for price**

3.1.1 THE 90/10 PREFERENCE POINT SYSTEMS

A maximum of 90 points is allocated for price on the following basis:

90/10

$$P_s = 90 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

Where

- P_s = Points scored for price of tender under consideration
- P_t = Price of tender under consideration
- P_{min} = Price of lowest acceptable tender



Volume 2 : Returnable Documents

❑ SCHEDULE 24 : INFORMATION TO BE PROVIDED WITH THE TENDER (page 308)

The following information shall be provided with the Tender:

SCHEDULE 9: SCHEDULE OF WORK EXPERIENCE OF TENDERER

SCHEDULE 11: CONFIRMATION OF CONTRACTOR REGISTRATION / ACCREDITATION

SCHEDULE 12: DETAILS OF QUALIFICATIONS AND EXPERIENCE OF STAFF

SCHEDULE 13: SCHEDULE OF CONSTRUCTION EQUIPMENT, VEHICLES AND SPECIALISED EQUIPMENT

SCHEDULE 14: DETAILS OF TENDERER'S WORKSHOP FACILITIES

SCHEDULE 15: SCHEDULE OF SUB-CONTRACTORS

SCHEDULE 16: HEALTH AND SAFETY PLAN

SCHEDULE 19: WORK CATEGORY OF PREFERENCE

Volume 3 : Draft Contract

❑ CONTRACT SPECIFIC DATA (page 311)

- ❖ The contract specific data, referring to the General Conditions of Contract for Construction Works, Third Edition, 2015, are applicable to this Contract.
- ❖ Clause 1.1.1.11: The Contract Sum for each Works Project shall exceed R 1 000 and not exceed R 10 000 000 (including contingencies and VAT).
- ❖ Clause 1.1.1.13: The Defects Liability Period is 12 months per Works Project.
- ❖ Clause 1.1.1.26: The Pricing Strategy is a Re-measurement Contract - *the final value of the works is not predetermined, instead it is based on the actual quantities of work carried out as per the contract's rates*

Volume 3 : Draft Contract

□ Framework Contract Manager's :

The Framework Contract Manager is:

Name: Mr Siyabulela Gqwede
(Head: Maintenance and Service Standards) - ENERGY: ELECTRICITY GENERATION AND DISTRIBUTION)
Address: 3rd Floor, Bloemhof Centre
Bloemhof Street
Oakdale
Bellville
7535
Tel: 021 444 8762 / 083 257 2051
E-mail: siyabulela.gqwede@capetown.gov.za

Name: Mr Clifton Carolus
(Senior Professional – HUMAN SETTLEMENTS: HOUSING DEVELOPMENT)
Address: Ground Floor – Plessey Building
3 Victoria Road (Corner Main and Victoria)
Plumstead
Tel: 021 444 9635 / 083 383 1455
E-mail: clifton.carolus@capetown.gov.za

Name: Mr J. Viljoen
(Maintenance Manager: Medium Voltage – WATER AND SANITATION DIRECTORATE: TECHNICAL SERVICES)
Address: 1ST Floor – Bellville Water and Sanitation Headquarters
Corner Mike Pienaar Boulevard and Voortrekker Road

Volume 3 : Draft Contract

- ❑ **Clause 5.1.2 Framework Contract Period**
- ❖ **The Framework Contract Period is for a period of 36 months from calculated from the Commencement Date.**
- ❑ **Clause 5.13.1: The penalty for failing to complete the Works of each Works Project within the time referred to in Clause 1.1.1.14 is 1% of the Purchase Order Value or R 1 000 (whichever is greater) per day.**
- ❑ **Clause 5.16.3: The latent defects period is 5 years.**
- ❑ **Clause 6.2.1: Performance Guarantee:**
- ❖ **The security to be provided by the Contractor shall be a blanket performance guarantee of R650 000 per work category. it shall be issued by a financial institution approved by the Employer.**
- ❑ **Clause 6.8.2: Contract Price Adjustment (page 319):**
- ❖ **L – Labour - CPI**
- ❖ **P – Plant Index**
- ❖ **M – Materials Index**
- ❖ **F – Fuel Index**

Volume 3 : Draft Contract

- ❑ **Clause 6.10.3:** interim payments to the Contractor shall be subject to a retention by the Employer of an amount of 10% (provided that for Works Projects less than or equal to R200 000 retention is waived) of the said amounts due to the Contractor, with no limit per Works Project.
- ❑ **Clause 8.6.1.1.1:** Insurance of R 5 000 000 for each Works Project per work category.
- ❑ **Clause 8.6.1.3:** The limit of indemnity for liability insurance is R20 000 000.00 for any single claim – the number of claims to be unlimited during the construction and defects liability periods.
- ❑ **Clause 8.6.1.5 : Additional Insurances to be provided:**
 - a) Insurance of Construction Equipment (including tools, offices and other temporary structures and contents) and other things (except those intended for incorporation into the Works) brought onto the site for a sum sufficient to provide for their replacement.
 - b) Insurance in terms of the provisions of the Compensation for Occupational Injuries and Diseases Act, 130 of 1993.
 - c) Motor Vehicle Liability Insurance comprising (as a minimum) “Balance of Third Party” Risks including Passenger Liability Indemnity.
 - d) Where the contract involves manufacturing and/or fabrication of the works or part thereof at premises other than the Site, the Contractor shall satisfy the Employer that all materials and equipment for incorporation in the works are adequately insured during manufacture and/or fabrication. In the event of the Employer having an insurable interest in such works during manufacture or fabrication then such interest shall be noted by endorsement to the Contractor’s Policies of Insurance. []



Volume 3 : Draft Contract

- Performance Guarantee (page 330)
 - ❖ Bank to keep the clauses in the guarantee as they are.

- LIST OF APPROVED FINANCIAL INSTITUTIONS (page 333).

- Form of Advance payment - Not applicable (page 334)

- Schedule of Plant and materials – Not Applicable (page 337)

- C1.5 Occupational Health and Safety Agreement (page 338)
 - to be completed by all tenderers.

- C1.6 Protection of the Environment Declaration (page 339)
- C1.8 Contract of Temporary Employment as Community Liaison Officer (341)
 - Form to be used during the contract for CLO.

Volume 3 : Draft Contract

□ C2.1 Pricing Assumptions (page 346)

Pricing Assumptions mean the criteria as set out below, read together with all Parts of this framework contract document, which it will be assumed in the contract, that the tenderer has taken into account when developing his prices (rates).

These Pricing Assumptions are applicable to the Schedules of Rates in this document. Pricing Assumptions applicable to the Bills of Quantities in Works Project contract documents are provided in such documents.

1. The method of measurement prepared by the Committee of Land Transport Officials in clause 8 of the COTO Standard Specifications for Road and Bridge Works for State Road Authorities (1998 edition) is applicable, subject to the variations and amendments in the respective "Measurement and Payment" clauses in the particular specifications contained in Part C3.4 Construction in the Scope of Work.
2. Descriptions in the Schedules of Rates are abbreviated and comply generally with those in the Standardised Specifications. The measurement and payment clauses of each Standardised Specification, read together with the relevant clauses of the Scope of Work, set out what ancillary or associated activities are included in the rates for the operations specified. Should any requirements of the measurement and payment clause of the applicable Standardised Specification, or the Scope of Work, conflict with the terms of the Schedules of Rates, the requirements of the Standardised Specification or Scope of Work, as applicable, shall prevail.
3. The measurement and payment clauses in a specification in which further information regarding the scheduled items is given, are referenced under "Item" (pay items) in the Schedules of Rates. The referenced clauses are not necessarily the only sources of information in respect of scheduled items. Further information and specifications may be found elsewhere in the Contract Documents. Standardised Specifications are identified by the first two digits of the specifications, e.g. 13 for COTO Section – 1300.
4. Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for waste.
5. No quantities are set out in the Schedules of Rates and the Contractor will be required to undertake whatever quantities may be directed by the Employer's Agent from time to time in the relevant Works Project. The final Contract Price for each completed Works Project shall be computed from the actual quantities of work done, valued at the relevant rates (refer to Clause 10 in these Pricing Assumptions in this regard).
6. Rates inserted in the Schedules of Rates are deemed to be based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders. (Refer to www.stanza.org.za or www.iso.org for information on standards).



Volume 3 : Draft Contract

□ C2.1 Pricing Assumptions (page 346-347)

7. The rates (excluding VAT) inserted in the Schedules of Rates shall be the full inclusive rates for the work described under the several items. Such rates shall cover all costs and expenses that may be required in and for the execution of the work described, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the documents on which the tender is based, as well as overhead charges and profit. Reasonable rates shall be inserted as these will be used as a basis for assessment of payment for additional work that may have to be carried out.

Where the Scope of Work requires detailed drawings and designs or other information to be provided, all costs associated therewith shall be provided for and included in the rates tendered for such items.

8. A rate is to be entered against each item in the Schedules of Rates for the work categories selected by the Tenderer. **An item against which no rate (or rates, in the case of rate categories if provided) is/are entered, or if anything other than a rate or a nil rate (for example, a zero, a dash or the word “included” or abbreviations thereof) is entered against an item, it will also be regarded as a nil rate having been entered against that item, i.e. that there is no charge for that item.** The Tenderer may be requested to clarify nil rates, or items regarded as having nil rates; and the Employer may also perform a risk analysis with regard to the reasonableness of such rates.
9. The units of measurement described in the Schedules of Rates are metric units. Abbreviations which may be used in these Schedules of Rates are as follows:

mm		=		Millimetre		h		=		hour	
m		=		Metre		kg		=		kilogram	
km		=		Kilometre		t		=		ton (1000 kg)	
km-pass		=		kilometre-pass		No.		=		number	
m2		=		square metre		sum		=		lump sum	
m2.pass		=		square metre-pass		MN		=		meganewton	
ha		=		Hectare		MN.m		=		meganewton-metre	
m3		=		cubic metre		P C sum		=		Prime Cost sum	
m3.km		=		cubic metre-kilometre		Prov sum		=		Provisional sum	
l		=		Litre		%		=		per cent	
kl		=		Kilolitre		kW		=		kilowatt	
MPa		=		Megapascal		day		=		Working day	
kPa		=		Kilopascal				=			

10. Tenderers are only to price their Work categories of Preference as they have indicated on the relevant returnable schedule, in accordance with clauses C.1.6.1 and C.2.10.5 in Part T1.2 Tender Data.



Volume 3 : Draft Contract

□ C2.1 Pricing Assumptions (page 347)

10. **Tenderers are only to price their Work categories of Preference as they have indicated on the relevant returnable schedule, in accordance with clauses C.1.6.1 and C.2.10.5 in Part T1.2 Tender Data.**
11. Tenderers shall provide rates for the execution of items as specified in the Schedules of Rates. Unless otherwise described in the items in the Schedules of Rates, all rates (sums in particular) apply to individual Works Project contracts. Framework Contract pay items shall be initial one-off payments in the Framework Contract.

The rates provided in the Schedules of Rates shall be used in representative Works Projects for tender evaluation purposes in accordance with clause C.3.11.1 in Part T1.2 Tender Data, as well as in the allocation of individual Works Projects in accordance with Clause 2.6 in Part C1.2 Contract Data and the Procedures for the allocation of Works Projects referred to therein.
12. Tenderers shall provide rates (excluding VAT) for each required rate category (if provided) for each item specified in every schedule in the Schedules of Rates applicable to the work categories tendered for (refer to clause C.2.10.5 in Part T1.2 Tender Data). Prime Cost and Provisional Sums will be multiplied by a factor (quantity) to be provided by the Employer at Works Project stage only.
13. Tenderers are referred to clause C.1.6.1 in Part T1.2 Tender Data with regard to working within the boundaries of the seven work categories identified within the City of Cape Town municipal area, as shown on the drawings and as tabled therein.

Rates submitted in the respective Schedules of Rates shall apply to Works Projects executed anywhere within that specific work category.
14. The Employer will only order those quantities of work items, which it actually requires for execution in a Works Project from time to time. The Employer reserves the right not to order any quantities at all depending on circumstances and subject to operational requirements.
15. The procedures for allocation of Works Projects are specified in Part C1.2 Contract Data (refer to Clause 2.6).
16. Clause C.2.13.11 c) in Part T1.2 Tender Data shall be applicable to the submission of Schedules of Rates which have been priced electronically, and which the Tenderer wishes to submit as a printed version with his tender in the place of handwritten priced Schedules of Rates.



Volume 3 : Draft Contract

□ C2.1 Pricing Assumptions (page 348)

17. Tenderers are referred to Clause [E8] Measurement and Payment in the Environmental Management (EM) Specification in Part C3.5 in the Scope of Work for the basic principles of measurement and pricing of the EM Specification.
18. Tenderers are referred to Clause 6.8.2 in Part C1.2 Contract Data regarding contract price adjustment.
19. The prices listed in the schedule of rates shall be inclusive of all costs incurred for executing the work including but not limited to labour, material, fuel, transport/vehicle, all plant/equipment/tools, refuse dumping, recruitment, employment and induction of EPWP workers, PPE for all staff including EPWP workers, medical certificate of fitness for all staff including EPWP workers, administrative activities, provision for water and other services, traffic control without complete closure of a lane, all overhead costs etc. and shall take into account all conditions as stated in the Contract Data.
20. All costs for the collection of material from any of the Stores or Warehouse as directed and the return of unused, recovered or obsolete material and cable drums to any of the Stores or Warehouse as directed shall be included in the rates. No additional transport or related costs shall be allowed.
21. All rates for excavation, import of material, reinstatement, export of excess material and/or rubble shall include the bulking and compaction factors of material.

Volume 3 : Draft Contract

□ C3.1 Description of the Works (page 350)

1. EMPLOYER'S OBJECTIVES

The City of Cape Town needs to augment its internal capacity to execute construction works projects for the installation and replacement of low voltage and medium voltage electricity distribution equipment and infrastructure in different sections of the City's extensive electricity networks including other affected facilities and installations within the City of Cape Town Municipal boundaries. The intent is to execute construction works projects as and when required as the exigencies of service delivery dictate for a contract period not exceeding thirty six (36) months from date of commencement. For the purposes of this tender, the execution of the construction works projects will be limited to Energy, Water and Sanitation as well as Human Settlements Directorates.

2. OVERVIEW OF THE WORKS

Work covered by this specification involves excavation and trenching, underground cable and equipment installation, backfilling, jointing and termination of cables, planting of poles, overhead cable or conductor work, labelling of equipment and other electrical reticulation activities for various Works Projects within the boundaries of the City of Cape Town metropolitan municipality at rates tendered and accepted in the Schedules of Rates for a period of 36 months from date of commencement of contract. The key functions for which the scope of work of this specification encompasses are inter alia electrification of formal and informal settlements (for subsidised electrical connections), equipment replacement, electrical reticulation upgrades, street lighting installations, electrical service connection installation work and other related functions as required.

Volume 3 : Draft Contract

- ❑ **EXTENT OF THE WORKS (page 350)**

- ❖ **Seven work categories as mentioned previously.**

- ❑ **5.1 LOCAL OFFICE**

Before commencement of contract, the successful tenderer must have an office with storage facilities within the City of Cape Town Municipal boundaries.

- ❑ **5.4 CONTRACTOR'S KEY STAFF**

- ❖ **PROJECT LEADER - Overseeing all activities for this contract.**
- ❖ **CONSTRUCTION MANAGER - Managing construction work activities.**
- ❖ **CONSTRUCTION SUPERVISOR - shall supervise construction activities.**
- ❖ **ELECTRICIAN**
- ❖ **SEMI-SKILLED (HANDYMAN)**
- ❖ **CABLE JOINTER**

Volume 3 : Draft Contract

5.5 CONTRACTOR'S CREWS (page 356)

The contractor must maintain the following minimum quantities of personnel per work category:

- 1 x Project Leader
- 1 x Construction Manager
- 1 x Administration Officer
- 6 x Construction Supervisors
- 6 x Electricians (Trade Tested)
- 1 x Installation Electrician registered with the Department of Labour as defined in the Electrical Installation Regulations
- 6 x Cable Jointers
- 6 x Semi-skilled Persons
- 1 x Welder
- 60 General workers



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Thank You

Making progress possible. Together.