

**TENDER NO. 223Q/2023/24**



CITY OF CAPE TOWN  
ISIXEKO SASEKAPA  
STAD KAAPSTAD

SCM – 510

Approved by Branch Manager: 23/01/2024

Version: 6.2

Page 1 of 185

# CONTRACT DOCUMENT

FOR THE

**DESIGN – BUILD OF MECHANICAL AND ELECTRICAL WORKS  
FOR THE UPGRADE OF SLUDGE DEWATERING EQUIPMENT AT  
WILDEVOËLVLEI WWTW WITH ASSOCIATED CIVIL WORKS**

## VOLUME 1: TENDERING PROCEDURES

(VOLUMES 3A, 3B, 3C,3D & 4 (Only issued Electronically))

**NOTE:**

- The Form of Offer and Acceptance (C1.1) is on **page 38** of this document
- Table B2: Tender preference indication is on **page 17** of this document

<b>ISSUED BY:</b>  <b>MICHAEL KILLICK: WATER AND SANITATION: BULK SERVICES CITY OF CAPE TOWN</b> 8 Voortrekker Rd, Bellville, CAPE TOWN 7530	<b>COMPILED BY:</b>  <b>BIGEN AFRICA SERVICES (Pty) Ltd</b> Avanti Building, 3rd Floor, North Block, Carl Cronje Drive Bellville CAPE TOWN 7530	<b>FOR OFFICIAL USE.</b> <b>Tender Serial No.:</b> <b>Signatures of City Officials at Tender Opening</b> 1. 2. 3.
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APRIL 2024

<b>NAME OF TENDERING ENTITY</b>	
<b>EMAIL ADDRESS OF TENDERING ENTITY</b>	
<b>NATURE OF TENDER OFFER</b> (please indicate below)	
<b>Main Offer</b> (see clause C.2.12)	
<b>Alternative Offer</b> (see clause C.2.12)	

CITY OF CAPE TOWN

WATER AND SANITATION: BULK SERVICES

CONTRACT NO. 223Q/2023/24

DESIGN – BUILD OF MECHANICAL AND ELECTRICAL WORKS FOR THE UPGRADE OF SLUDGE DEWATERING EQUIPMENT AT WILDEVOËLVLEI WWTW WITH ASSOCIATED CIVIL WORKS

## General Tender Information

TENDER ADVERTISED	:	12 April 2024
ESTIMATED CIDB CONTRACTOR GRADING DESIGNATION	:	9ME
SITE VISIT/CLARIFICATION MEETING	:	24 April 2024 at 10h00 (Compulsory)
VENUE FOR SITE VISIT/CLARIFICATION MEETING	:	Wildevölvlei Wastewater Treatment Works (GPS co-ordinates: 34°08'06.98"S, 18°21'59.5"E)
CLOSING DATE	:	15 May 2024
CLOSING TIME	:	10h00
TENDER BOX & ADDRESS	:	<b>Tender Box 162</b> at the <b>Tender Submission Office</b> , Concourse Level, 2 <sup>nd</sup> Floor, Civic Centre, 12 Hertzog Boulevard, Cape Town.

The Tender Document (which includes the Form of Offer and Acceptance) completed in all respects, plus any additional supporting documentation required, must be submitted in a sealed envelope with the name and address of the Tenderer, the tender No. and title, the tender box No. and the closing date indicated on the envelope. The sealed envelope must be inserted into the appropriate official tender box before closing time.

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

**TENDERERS MUST NOTE THAT WHEREVER THIS DOCUMENT REFERS TO ANY PARTICULAR TRADE MARK, NAME, PATENT, DESIGN, TYPE, SPECIFIC ORIGIN OR PRODUCER, SUCH REFERENCE SHALL BE DEEMED TO BE ACCOMPANIED BY THE WORDS 'OR EQUIVALENT'**

CITY OF CAPE TOWN

WATER AND SANITATION: BULK SERVICES

CONTRACT NO. 223Q/2023/24

DESIGN – BUILD OF MECHANICAL AND ELECTRICAL WORKS FOR THE UPGRADE OF SLUDGE DEWATERING EQUIPMENT AT WILDEVOËLVLEI WWTW WITH ASSOCIATED CIVIL WORKS

Number	Heading	Colour	Format of issue		Format of Return		Page No
			Hard Copy	Soft Copy	Hard Copy	Soft Copy	
<b>VOLUME 1</b>							
<b>The Tender</b>							
<b>Part T1: Tendering procedures</b>							
T1.1	Tender Notice and Invitation to Tender	White	✓	✓	✓	X	2
T1.2	Tender Data	Pink	✓	✓	✓	X	4
<b>VOLUME 2</b>							
<b>Part T2: Returnable documents</b>							
T2.1	List of Returnable Documents	Yellow	✓	✓	✓	X	37
C1.1	Form of Offer and Acceptance	Yellow	✓	✓	✓	X	38
C1.2	Contract Data (data provided by the Contractor)	Yellow	✓	✓	✓	X	42
C2.2	Schedules of Quantities (please see clause C.2.13.3)	Yellow	✓	✓	✓	✓	43
C2.3	Schedule of Rates for Electrical Variations (please see clause C.2.13.3)	Yellow	✓	✓	✓	X	48
T2.2	Returnable Schedules (please see clause C.2.13.3)	Yellow	✓	✓	✓	X	49
<b>VOLUME 3</b>							
<b>Draft Contract</b>							
<b>Part C1: Agreements and Contract Data</b>							
C1.2	Contract Data	Yellow	✓	✓	✓	X	95
C1.3	Form of Performance Guarantee	White	✓	✓	✓	X	122
C1.4	Form of Advance Payment Guarantee	White	✓	✓	✓	X	126
C1.5	Occupational Health and Safety Agreement	White	✓	✓	✓	X	130
C1.6	Protection of the Environment Declaration	White	✓	✓	✓	X	131
C1.7	Insurance Broker's Warranty	White	✓	✓	✓	X	132
C1.8	Contract of Temporary Employment as Community Liaison Officer	White	✓	✓	✓	X	133
<b>Part C2: Pricing data</b>							
C2.1	Pricing Assumptions	Yellow	✓	✓	✓	X	136
<b>Part C3: Scope of Work</b>							
C3.1	Description of the Works	Blue	✓	✓	✓	X	140
C3.2	Engineering	Blue	✓	✓	✓	X	148
C3.3	Procurement	Blue	✓	✓	✓	X	156
C3.4	Construction	Blue	✓	✓	✓	X	158
C3.5	Management	Blue	✓	✓	✓	X	164
<i>*Table continues on overleaf</i>							

Number	Heading	Colour	Format of issue		Format of Return		Page No
			Hard Copy	Soft Copy	Hard Copy	Soft Copy	
3.6	Annexes	Blue	✓	✓	X	X	176
<b>Part C4: Site information</b>							
C4.1	Geotechnical Report	Green	X	✓	X	X	185
<b>VOLUME 3A</b>							
C3.4.3	Standardized Specifications for Civil Engineering Construction (SANS 1200)	White	X	✓	X	X	C3.4.3-1
C3.4.4	Variations and Additions to Standard Specifications for Civil Works	White	X	✓	X	X	C3.4.4-1
C3.4.5	Particular / Project Specifications for Civil Works	White	X	✓	X	X	C3.4.5-1
<b>VOLUME 3B</b>							
C3.4.6	City of Cape Town's Standard Specification for Mechanical Works	White	X	✓	X	X	C3.4.6-1
C3.4.7	Detailed Specification for Mechanical Works	White	X	✓	X	X	C3.4.7-1
<b>VOLUME 3C</b>							
C3.4.8	City of Cape Town's Standard Specification for Electrical Works	White	X	✓	X	X	C3.4.8-1
C3.4.9	Detailed Specification for Electrical Works	White	X	✓	X	X	C3.4.9-1
C3.4.10	Particular Specification for Electrical Works	White	X	✓	X	X	C3.4.10-1
C3.4.11	City of Cape Town Plant Numbering System	White	X	✓	X	X	C3.4.11-1
<b>VOLUME 3D</b>							
C3.4.12	Health and Safety Specification	White	X	✓	X	X	C3.4.12-1
C3.4.13	Environmental Specification	White	X	✓	X	X	C3.4.13-1
C3.4.14	General Standards and Guidelines for Guard-rail Installations and Maintenance at Wastewater Treatments Works	White	X	✓	X	X	C3.4.14-1
<b>VOLUME 4</b>							
-	Tender Drawings	White	X	✓	X	X	-
<b>Note:</b> The symbol "✓" denotes that it is included and required for the format of issue and format of return columns, respectively. The symbol "X" denotes that it is not included and not required for the format of issue and format of return columns, respectively.							

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## Part T1: Tendering procedures

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	<b>Pages</b>
<b>T1.1 Tender Notice and Invitation to Tender.....</b>	<b>2 - 3</b>
<b>T1.2 Tender Data .....</b>	<b>4 - 34</b>

**CITY OF CAPE TOWN**

**WATER AND SANITATION: BULK SERVICES**

**CONTRACT NO. 223Q/2023/24**

**DESIGN – BUILD OF MECHANICAL AND ELECTRICAL WORKS FOR THE UPGRADE OF SLUDGE DEWATERING EQUIPMENT AT WILDEVOËLVLEI WWTW WITH ASSOCIATED CIVIL WORKS**

## **T1.1 Tender Notice and Invitation to Tender**

The **CITY OF CAPE TOWN**, Water and Sanitation Directorate, Bulk Services Department , invites tenders for Tender No. **223Q/2023/24: Design – Build of Mechanical and Electrical Works for the Upgrade of Sludge Dewatering Equipment at Wildevoëlvlei WWTW with Associated Civil Works.**

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

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

It is estimated that Tenderers must have a CIDB contractor grading designation of 9ME or higher.

Preferences are offered to Tenderers who tender in accordance with the Preferential Procurement Regulations and the City of Cape Town's Supply Chain Management Policy (SCM Policy). Furthermore, in terms of these Regulations and the SCM Policy, Tenderers are required to meet the HDI and RDP specific goals as per clause C.3.11.3.1.

The physical address for collection of tender documents is:

**Tender Submission Office**, Concourse Level, 2<sup>nd</sup> Floor, Civic Centre, 12 Hertzog Boulevard, Cape Town.

Documents may be collected during working hours between 08:30 – 15:00 from **12 April 2024**.

A non-refundable tender fee of R300.00 payable by EFT or cash made out in favour of the City of Cape Town, is required on collection of the tender documents.

<b>TENDER NUMBER</b>	<b>COST CENTRE</b>	<b>GL ACCOUNT</b>
223Q/2023/24	20040177	414960

Queries relating to any issues in these documents may be addressed to Mr Marco Slabbert, Tel No. 021 919 6976, e-mail [marco.slabbert@bigengroup.com](mailto:marco.slabbert@bigengroup.com).

A compulsory site visit/clarification meeting with representatives of the Employer will take place on **Wednesday, 24 April 2024 at 10h00** at the Wildevoëlvlei Wastewater Treatment Works (GPS co-ordinates: 34°08'06.98"S, 18°21'59.5"E). (Refer to Locality Plan – Site Visit/Clarification Meeting Venue overleaf).

The closing time for receipt of tenders is **10h00 on 15 May 2024**.

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

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

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

**SITE VISIT AND CLARIFICATION MEETING LOCATION:**



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DEWATERING EQUIPMENT AT WILDEVOËLVLEI WWTW WITH ASSOCIATED CIVIL WORKS**

**LOCALITY PLAN – SITE VISIT & CLARIFICATION MEETING  
VENUE**