



CLUSTER
Trading Services

UNIT
Water and Sanitation

DEPARTMENT
Sanitations Operation

PROCUREMENT DOCUMENT
INFRASTRUCTURE

Documents are to be obtained, free of charge, in electronic format, from the National Treasury's eTenders website or the eThekweni Municipality's website.

Contract No: WS 7601

Contract Title: Appointment of a Managing Contractor for the Southern Sewer Networks Area to Repair and Maintain the Sanitations Operation Department Sewer Networks Infrastructure, as and when required, for a period of 36 months

Est. CIDB Grade/ Class: 6 CE

CLARIFICATION MEETING AND QUERIES

Clarification Meeting: Compulsory Clarification Meeting

Meeting Location, Date, Time: Wastewater Networks Branch, 17 Electron Road, Springfield
22 June 2023, 11h00

Queries can be addressed to: Nedon Ramsuran
The Employer's Agent's: Tel: 031 311 8856
Representative: Email: Nedon.Ramsuran@durban.gov.za

TENDER SUBMISSION

Delivery Location: The Tender Box in the foyer of the Municipal Building
166 KE Masinga Road, Durban

Closing Date/ Time: Friday, 21 July 2023 at 11h00

FACSIMILE, EMAIL, or POSTED TENDERS WILL NOT BE ACCEPTED

Issued by:

ETHEKWINI MUNICIPALITY

Deputy Head: Sanitations Operation

Date of Issue: 15/06/2023

Document Version 24/02/2023(c)

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Tenderer Name:			VAT Registered: Yes No
	Price (excl)	VAT	Price (incl)
Submitted: R	R	R	R
Corrected: R	R	R	R

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PART T1: TENDERING PROCEDURES**T1.1.1: TENDER NOTICE AND INVITATION TO TENDER**

Tenders are hereby invited for the works to undertake the Southern Area repair and maintenance of the Sanitation Operations Department sewer networks infrastructure. The sewer network infrastructure will include: sewer pipe and ancillaries which are above and below the ground and of all diameter, type, location conditions and class; sewer manholes and ancillaries which are above and below the ground and of all diameter, type and location conditions; pipe bridges and encasements. This tender will be for a period of 36 months, which can be utilised as and when required. The works will include: the receiving and/or obtaining of the faults, distribution and dispatchment of the faults to subcontractors (CPG partners) - includes redistribution and dispatchment to another category and/or subcontractors (CPG partners), verification and documentation of work completed to standard, closure of fault and generation of various reports and invoices.

Subject	Description	Tender Data Ref.
Employer	The Employer is the eThekweni Municipality as represented by: Deputy Head: Sanitations Operation	F.1.1.1
Tender Documents	Documents can only be obtained in electronic format, issued by the eThekweni Municipality. Documentation can be downloaded from the National Treasury's eTenders website or the eThekweni Municipality's Website . The <u>entire document</u> should be printed (on A4 paper) and suitably bound by the tenderer.	F.1.2
Eligibility	It is <u>estimated</u> that tenderers should have a CIDB contractor grading designation of 6 CE (or higher). The CIDB provisions in relation to a Contractor's Potentially Emerging (PE) status <u>do not</u> apply.	F.2.1.1
Clarification Meeting	Wastewater Networks Branch, 17 Electron Road, Springfield 22 June 2023, 11h00	F.2.7
Seek Clarification	All email queries must be sent on/before 06 July 2023 and will thereafter be consolidated and uploaded on 13 July 2023 . Queries relating to these documents are to be addressed to the Employer's Agent's Representative whose contact details are: Nedon Ramsuran Tel: 031 311 8856 Email: Nedon.Ramsuran@durban.gov.za	F.2.8
Submitting a Tender Offer	Tender offers shall be delivered to: The Tender Box in the foyer of the Municipal Building 166 KE Masinga Road, Durban	F.2.13
Closing Time	Tender offers shall be delivered on or before Friday, 21 July 2023 at or before 11h00 .	F.2.15
Evaluation of Tender Offers	The 80/20 Price Preference Point System, as specified in the PPPFA Regulations 2022 will be applied in the evaluation of tenders. Refer to Clause F.3.11 of the Tender Data for the Specific Goal(S) for the awarding of Preference Points, and other related evaluation requirements.	F.3.11

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

PART T1: TENDERING PROCEDURES

T1.2: TENDER DATA

T1.2.1 STANDARD CONDITIONS OF TENDER

The conditions of tender are the Standard Conditions of Tender as contained in Annex F of the CIDB Standard for Uniformity in Construction Procurement (July 2015) as published in Government Gazette No 38960, Board Notice 136 of 2015 of 10 July 2015.

The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.

T1.2.2 TENDER DATA

Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.

F.1: GENERAL

F.1.1 The employer: The Employer for this Contract is the eThekwin Municipality as represented by: Deputy Head: **Sanitations Operation**

F.1.2 Tender documents: The Tender Documents issued by the Employer comprise:

- 1) This procurement document.
- 2) "General Conditions of Contract for Construction Works – 3rd Edition 2015" issued by the South African Institution of Civil Engineering (GCC 2015). This document is obtainable separately, and Tenderers shall obtain their own copies.
- 3) "City of Durban Technical Specifications" hereinafter referred to as the Standard Engineering Specifications. This document is obtainable separately, and Tenderers shall obtain their own copies of the applicable Sections.
- 4) Drawings, issued separately from this document, or bound in Section C3.4 (as an Annexure).
- 5) In addition, Tenderers are advised, in their own interest, to obtain their own copies of the following acts, regulations, and standards referred to in this document as they are essential for the Tenderer to get acquainted with the basics of construction management, the implementation of preferential construction procurement policies, and the participation of targeted enterprise and labour.
 - The Employer's current (as at advertising date) Supply Chain Management Policy.
 - The Preferential Procurement Policy Framework Act No 5 of 2000, and the Preferential Procurement Policy Framework Act Regulations (2022).
 - The Occupational Health and Safety Act No 85 and Amendment Act No 181 of 1993, and the Construction Regulations (2014).
 - The Construction Industry Development Board Act No 38 of 2000 and the Regulations issued in terms of the Act (July 2013).
 - SANS 1921:2004 – Construction and Management Requirements for Works Contract, Parts 1-3.
 - SABS 1200 Standardised Specifications
 - Any other eThekwin Policy documents referenced in the Tender Documents.

Electronically downloaded documentation is obtainable from the National Treasury's **eTenders Website** or the **eThekwini Municipality's Website** at URLs:

- <https://www.etenders.gov.za/>
- <https://www.durban.gov.za/pages/business/procurement>

The entire downloaded document should be printed on white A4 paper (single-sided) and suitably bound by the tenderer.

F.1.4 Communication and employer's agent: The Employer's Agent's Representative is:

Nedon Ramsuran

Tel: 031 311 8856

Email: Nedon.Ramsuran@durban.gov.za

The Tenderer's contact details, as indicated in the Contract Data: Clause C1.2.2.2 "Data to Be Provided by Contractor", shall be deemed as the only valid contact details for the Tenderer for use in communications between the Employer's Agent and the Tenderer.

F.1.6 Procurement procedures: The competitive negotiation procedure shall be applied.

F.2: TENDERER'S OBLIGATIONS

F.2.1.1 Eligibility: General

A Tenderer will not be eligible to submit a tender if:

- (a) the Tenderer does not comply with the legal requirements as stated in the Employer's current SCM Policy.
- (b) the Tenderer cannot provide proof that he is in good standing with respect to duties, taxes, levies and contributions required in terms of legislation applicable to the work in the contract.
- (c) In the event of a Compulsory Clarification Meeting:
 - i) the Tenderer fails to attend the Compulsory Clarification Meeting.
 - ii) the Tenderer fails to have form "Certificate of Attendance at Clarification Meeting / Site Inspection" (in T2.2) signed by the Employer's Agent or his representative.
- (d) in the case of JV submissions, two or more JV entities have common directors / shareholders or common entities tendering for the same works.
- (e) at the time of closing of tenders, the Tenderer is not registered on the National Treasury Central Supplier Database (CSD) as a service provider. In the case of a Joint Venture, this requirement will apply individually to each party in the Joint Venture.
- (f) The tenderer has not submitted, with this tender, a valid Letter of Good Standing from the Compensation Commissioner as proof of being registered and in good standing with the compensation fund. Reference is to be made to Returnable Document T2.2.13.
- (g) The tender fails to complete and sign the Declaration of Municipal Fees in T2.2: "Returnable Documents" and submits the required documentation. Reference is to be made to Returnable Document T2.2.12.

SCM Policy (Cl.14(4)) requires suppliers/ service providers/ contractors to be registered on the eThekwini Municipality Central Supplier Database or be in a position to be so before the award.

In the event of the Tenderer not being registered on the eThekweni Municipality's Central Supplier Database, the tenderer must register on the internet at www.durban.gov.za by following these links:

- Business
- Supply Chain Management (SCM)
- Accredited Supplier and Contractor's Database.

The following are to be noted:

- (a) The information for registration as in the possession of the eThekweni Municipality will apply.
- (b) It is the Tenderer's responsibility to ensure that the details as submitted to the Municipality are correct.
- (c) Tenderers are to register prior to the submission of tenders.

F.2.1.2 Eligibility: CIDB

Only those tenderers who are registered (as "Active") with the CIDB (at time of tender closing), in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, for a **CE** class of construction work, are eligible to have their tenders evaluated.

Joint ventures are eligible to submit tenders provided that:

- (a) Every member of the joint venture is registered (as "Active") with the CIDB (at time of tender closing),
- (b) The lead partner has a contractor grading designation in the **CE** class of construction work and has a grading designation of not lower than one level below the required grading designation, and
- (c) The combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations (2013) is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a **CE** class of construction work or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations.

It should be noted that this contract is not part of a Targeted Development Programme (TDP). The CIDB provisions in relation to a Contractor's Potentially Emerging (PE) status do not apply.

F.2.1.3 Eligibility: Tenderer's Experience

Only those tenderers that can demonstrate experience, by the submission of the specified returnable document in T2.2 (duplicated for each experience submission), and supply the associated documentation/ information, in works of a similar nature, within the past 7 years, will be eligible to have their tenders evaluated in terms of Clause F.3.11.

Tenderers must submit experience gained as Main Contractors.

The Tenderer can submit a single or multiple projects illustrating the Tenderer's work experience which meets the requirements as per the Eligibility: Tenderer's Experience, where the work experience requirements is detailed on the next page (page 6).

Returnable form T2.2.16: “Eligibility: Experience of Tenderer” is to be duplicated for each experience submission, as may be required.

Contact details of the Client is required to be provided on the above-mentioned form. The contact details may be used by the Employer to verify the information, pertaining to the experience submission, as provided by the Tenderer. Should the Employer's reasonable attempts to make contact with the Client, to verify the information provided, fail (for whatever reason), that specific experience submission will be considered invalid.

In the event of a Joint Venture (JV) tendering for this contract, experience gained by the separate entities making up the JV may be used as experience provided that the experience requirement, as stipulated in **Table 1**, is satisfied, and that the required documentation/ information is provided.

The Tenderer can submit a single project or multiple projects illustrating the below listed work experience.

Table 1: Tenderer's Experience Requirement

Repairs and Miantenance of Sewer Network Infrastructure

(The Tender can submit a single project or multiple projects, illustrating their work experience)

- Sewer pipe laying projects (inclusive of sewer pipe laying ancillary's), which has a minimum total of 500 m for 1m Ø sewer pipe laid, within the past 7 years. (will be verified against documentary evidence)
- Sewer manhole construction projects (inclusive of the manhole construction ancillary's), where a minimum total of 100 manholes was constructed, within the past 7 years. (will be verified against documentary evidence)
- Sewer pipe laying with reinforced encasement projects (inclusive of the sewer pipe laying ancillary's), which has a minimum total of 30 m sewer pipe laying with reinforced encasement, within the past 7 years. (will be verified against documentary evidence)
- Sewer pipe laid across pipe bridge projects (inclusive of the sewer pipe laying and pipe bridge ancillary's), which has a minimum total of 50 m sewer pipe laid across pipe bridge, within the past 7 years. (will be verified against documentary evidence)
- Sewer pipe laying at road crossing (inclusive of the pipe laying ancillary's), which has a minimum total of 50 m sewer pipe laying at road crossing, within the past 7 years. (will be verified against documentary evidence)

Tenderers are to submit **one** of the following, in verification for each experience claimed:

- Copies of signed completion certificates for all projects;
- or,
- Written correspondence from previous Client on the Tenderers participation and contract details, per claimed project;
- or,
- Copies of final certificates for all projects, per claimed project

Note: The failure to complete the relevant returnable form T2.2.16 for each submission of experience AND supply the associated, relevant, documentation (as specified on Table 1) will invalidate the experience submission.

F.2.1.4 Eligibility: Tenderer Key Staff

Tenderers are to demonstrate Key Staff experience which meet the minimum criteria set out below, by the submission of the specified returnable document in T2.2 (duplicated for each experience submission) and supply the associated documentation/ information.

- a. Civil Engineering Professional
 - i. Have a tertiary qualification in civil engineering
 - ii. Have an active professional registration as a Professional Engineer (Pr. Eng.) or Professional Technologist (Pr. Tech. Eng.) with the Engineering Council of South Africa (ECSA)
 - iii. Have a minimum of 10 years' civil experience post professional registration
- b. Civil Technician (3 persons)
 - i. Have a tertiary qualification in civil engineering
 - ii. Have an active professional registration as a Professional Technician (Pr. Techni. Eng.) with the Engineering Council of South Africa (ECSA)
 - iii. have a minimum of 5 years' civil experience post professional registration
- c. Geotechnical Engineering Professional
 - i. Have a tertiary qualification in civil engineering
 - ii. Have an active professional registration with the Engineering Council of South Africa (ECSA)
 - iii. Have a minimum of 5 years' geotechnical experience post professional registration
- d. Quantity Surveyor
 - i. Have a tertiary qualification in quantity surveyor
 - ii. Have an active professional registration as a Professional Quantity Surveyor (Pr. QS.) with the SA Council for the Quantity Surveying Profession (SACQSP)
 - iii. Have a minimum of 10 quantity survey years' experience post professional registration
- e. Administrator
 - i. Have a tertiary qualification in business administration
 - ii. Have an IDCL qualification
 - iii. have a minimum of 5 years' administration experience post qualification
- f. Clerk of Works (3 persons)
 - i. Have an active trade qualification, in one of the following fields: plumbing or building/civil
 - ii. Have a minimum of 5 years' experience as a Certified Artisan (one of the following fields: plumbing or building/civil), of which 2 years must be a Clerk of Works
- g. Draughtsman
 - i. Have a qualification in either multi-disciplinary drawing office practice or a draughtman course
 - ii. Have a minimum of 10 years' drafting experience post multi-disciplinary drawing office practice or a draughtman course qualification
 - iii. Have a Computer Aided Design (CAD) qualification
 - iv. Have a minimum of 10 years' drafting experience post Computer Aided Design (CAD) qualification

Note: The failure to complete the relevant returnable form in T2.2 for each submission of Key Staff experience AND supply the associated, relevant, documentation (as specified in T2.2.17) will invalidate the experience submission.

F.2.1.5 Eligibility: Tenderer Plant and Equipment

Tenderers are to provide a list of the relevant plant and equipment which meet the minimum criteria set out below, by the submission of the specified returnable document in T2.2 (duplicated for each plant or equipment) and supply the associated documentation/ information.

- a. Tractor Loader Backhoe (TLB)
 - i. Have a minimum bucket capacity of 0.5 m³
 - ii. Vehicle is not older than 10 years
- b. Tipper Truck
 - i. Have a capacity of 10 tons
 - ii. Vehicle is not older than 10 years
- c. Bakkies (4 vehicles)
 - i. Have a capacity of 1 ton
 - ii. Vehicle is not older than 7 years

The failure to complete the relevant returnable form in T2.2 for each submission of Plant and Equipment AND supply the associated, relevant, documentation (as specified in T2.2.18) will invalidate the experience submission.

F.2.2.2 The cost of the tender documents: Replace this paragraph with the following:

“Documents are to be obtained, free of charge, in electronic format, from the **National Treasury’s eTenders website** or the **eThekweni Municipality’s Website**. The entire electronically downloaded document should be printed on white A4 paper (single-sided) and suitably bound by the tenderer.

F.2.6 Acknowledge addenda: Add the following paragraphs to the clause:

“Addenda will be published, in electronic format, on the websites specified in F.1.2. Tenderers are to ensure that the eTenders website is consulted for any published addenda pertaining to this tender up to three days before the tender closing time as stated in the Tender Data.”

“Acknowledgement of receipt of the addenda will be by the return of the relevant completed, dated, and signed portion of the addenda, to the physical or email address as specified on the addenda. Failure of the tenderer to comply with the requirements of the addenda may result in the tender submission being made non-responsive.”

F.2.7 Clarification meeting:

**Wastewater Networks Branch, 17 Electron Road, Springfield
22 June 2023, 11h00**

In the event of a Compulsory Clarification Meeting, Tenderers must sign the attendance register in the name of the tendering entity. The Tenderer’s representative(s) at the clarification meeting must be able to clearly convey the discussions at the meeting to the person(s) responsible for compiling the entity’s tender offer.

F.2.12 Alternative tender offers: No alternative tender offers will be considered.**F.2.13 Submitting a tender offer:** Submissions must be submitted on official submission documentation issued (either in hard copy or in electronic format) by the eThekweni Municipality.

Identification details to be shown on each tender offer package are:

- Contract No. : **WS 7601**
- Contract Title : **Appointment of a Managing Contractor for the Southern Sewer Networks Area to Repair and Maintain the Sanitations Operation Department Sewer Networks Infrastructure, as and when required, for a period of 36 months**

The Employer's address for delivery of tender offers is:

**The Tender Box in the foyer of the Municipal Building
166 KE Masinga Road, Durban**

Parts of each tender offer communicated on paper shall be submitted as an original.

Tenderers are to include, with their paper ("hard copy") submission, a memory-stick containing an electronically scanned (300 dpi resolution) Public Document Format (PDF) copy of their complete bid submission. This PDF file should be named using the contract number and the Tenderer's name, eg. "**XX-xxxx – Tenderers Name.PDF**". The memory-stick must be labelled with the Tenderer's name and securely fixed to the paper submission.

Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted.

F.2.15 Closing date and time: The closing time for delivery of tender offers is:

- Date : **Friday, 21 July 2023**
- Time : **11h00**

F.2.16 Tender offer validity: The Tender Offer validity period is 120 Days from the closing date for submission of tenders.

F.2.20 Submit securities, bonds, policies: The tenderer is required to submit with his tender a letter of intent from an approved insurer undertaking to provide the Performance Bond to the format included in T2.2 of this procurement document.

F.2.23 Certificates: Refer to T2.1 for a listing of certificates that must be provided with the tender. All certificates must be valid at the time of tender closing.

Tenderers are to include, at the back of their tender submission document, a printout of the required documents/ certificates.

The Form of Offer (C1.1.1), Data to be provided by the Contractor (C1.2.2.2), and the Bill of Quantities (C2.2) are also required to be completed in full.

Tax Clearance

Reference is also to be made to returnable form T2.2.3: "Tax Compliance Status PIN/ Tax Clearance Certificate".

SARS has introduced a new Tax Compliance Status System. Tenderers must submit a **Tax Compliance Status PIN (TCS PIN)** instead of an original Tax Clearance Certificate. This TCS PIN can be used by third parties to certify the taxpayer's real-time compliance status. This TCS PIN is to be entered on Returnable Document T2.2.1: "Compulsory Enterprise Questionnaire". Separate Tax Clearance Certificates / TCS PINs are required for each entity in a Joint Venture.

Failure to comply will make the tender non-responsive.

Compensation Commissioner

Reference is also to be made to returnable form T2.2.13: "Eligibility: Registration with Compensation Commissioner".

The tenderer is to supply proof of being registered and in good standing with the compensation fund by submitting a valid **Letter of Good Standing** from the Compensation Commissioner.

Failure to comply will make the tender non-responsive.

Central Supplier Database (CSD)

Reference is also to be made to returnable form T2.2.14: "Eligibility: CSD Registration Report".

The entities (full) **CSD Registration Report**, obtained from the National Treasury Central Supplier Database, is to be included in the tender submission (<https://secure.csd.gov.za>).

Separate CSD Registration Reports are required for each entity in a Joint Venture.

CIDB Registration

Reference is also to be made to returnable form T2.2.15: "Eligibility: Verification of CIDB Registration and Status".

Registration with the CIDB must be reflected as "Active" at time of tender closing. Tenderers are to include with their submission a printout of their **CIDB Registration**, obtained from the CIDB website (<https://registers.cidb.org.za/PublicContractors/ContractorSearch>).

The Joint Venture Grading Designation Calculator should be used when submitting as a Joint Venture (<https://registers.cidb.org.za/PublicContractors/JVGradingDesignationCalc>).

The date of obtaining the CIDB printout(s) is to be indicated on the printout.

F.3: THE EMPLOYER'S UNDERTAKINGS

F.3.1.1 Respond to requests from the tenderer: Replace the words "five working days" with "three working days".

F.3.2 Issue addenda: Add the following paragraph: "Addenda will be published, in electronic format, on the same platform(s) as the Tender Notification (refer to F.1.2).

F.3.4 Opening of Tender Submissions: Tenders will be opened immediately after the closing time for tenders. The public reading of tenders will take place in the SCM Boardroom, 6th Floor, Engineering Unit Building, 166 KE Masinga Road, Durban.

F.3.11 Evaluation of Tender Offers:**Eligibility**

Tenders will be checked for compliance with the ELIGIBILITY requirements, as specified in T1.2.2 Clause F.2.1. Tenderers not in compliance will be deemed non-responsive.

Preference Point System

The financial offer will be reduced to a comparative basis using the **Tender Assessment Schedule**.

The procedure for the evaluation of responsive tenders is **PRICE AND PREFERENCE** in accordance with the Employer's current SCM Policy, the Preferential Procurement Policy Framework Act (5 of 2000), and the Preferential Procurement Policy Framework Act Regulations (2022).

Price Points

The **80/20** preference points system will be applied. The Formula used to calculate the **Price Points (max. 80)** will be according to that specified Regulation 4.1.

Preference Points

Reference is also to be made to T2.2.7: "MBD 6.1: Preference Points Claim".

The Preference Points (either 20 or 10) will be derived from points allocated/ claimed for **Specific Goals** as indicated in the table(s) below, according to the specified **Goal/ Category Weightings**.

- **Ownership Goal**

Goal Weighting: 100%

The tendering entity's **Percentage Ownership**, in terms of the **Ownership Category(s)** listed below, is to be used in the determination of the tenderer's claim for **Preference Points**.

Ownership Categories	Criteria	80/20
Race: Black (w1)	Equals 0%	0
	Between 0% and 51%	8
	Greater or equal to 51% and less than 100%	16
	Equals 100%	20
Gender: Female (w2)	Equals 0%	0
	Between 0% and 51%	0
	Greater or equal to 51% and less than 100%	0
	Equals 100%	0
Disabilities (w3)	Equals 0%	0
	Between 0% and 51%	0
	Greater or equal to 51% and less than 100%	0
	Equals 100%	0
Maximum Goal Points:		20

As per SCM policy 2023, Black is a genetic term which means Africans, Indians, Coloureds

The Weightings of the Ownership Categories will be: • w1 = 100%, w2 = 0%, w3 = 0%
Proof of claim as declared on MBD 6.1 (1 or more of the following will be used in verifying the tenderer's status) • Companies and Intellectual Property Commission registration document (CIPC) • CSD report. • B-BBEE Certificate of the tendering entity. • Consolidated BBBEE Certificate if the tendering entity is a Consortium, Joint Venture, or Trust (Issued by verification agency accredited by the South African Accreditation System). • Agreement for a Consortium, Joint Venture, or Trust.

F.3.13 Acceptance of tender offer: In addition to the requirements of Clause F.3.13 of the Standard Conditions of Tender, tender offers will only be accepted if:

- The tenderer submits a **valid Tax Clearance Certificate OR Tax Compliance Status PIN**, issued by the TCS System of the South African Revenue Services, or has made arrangements to meet outstanding tax obligations.
- The tenderer is **registered, and "Active", with the Construction Industry Development Board**, at time of tender closing, in an appropriate contractor grading designation.
- The tenderer or any of its directors/shareholders is **not listed on the Register of Tender Defaulters** in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector.
- The tenderer has not:
 - Abused the Employer's Supply Chain Management System; or
 - Failed to perform on any previous contract and has been given a written notice to this effect.
- The tenderer has completed the **Compulsory Enterprise Questionnaire** and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the Employer or potentially compromise the tender process.
- The tenderer is **registered and in good standing with the compensation fund or with a licensed compensation insurer**.
- The Employer is reasonably satisfied that the tenderer has in terms of the Construction Regulations, 2014, issued in terms of the Occupational Health and Safety Act, 1993, the **necessary competencies and resources to carry out the work safely**.

The Municipality does not bind itself to accept the lowest or any tender. It reserves the right to accept the whole or any part of a tender to place orders. Bidders shall not bind the Municipality to any minimum quantity per order. The successful Tenderer (s) shall be bound to provide any quantities stipulated in the specification.

The municipality has a firm intention to proceed with the work, subject to funding being identified. Notwithstanding clause F.1.1.3 of the Standard Conditions of Tender, the municipality reserves the right to award or not award the tender based on the municipalities available budget.

F.3.15 Complete adjudicator's contract: Refer to the General Conditions of Contract and the Contract Data.

F.3.17 Copies of contract: The number of paper copies of the signed contract to be provided by the Employer is ONE (1).

Tenderers are to include, with their "hard copy" submission, a memory-stick containing an electronically scanned (300 dpi resolution) Public Document Format (PDF) copy of their complete bid submission. This PDF file should be named using the contract number and the Tenderer's name, eg. "**XX-xxxx – Tenderers Name.PDF**". The memory-stick must be labelled with the Tenderer's name and securely fixed to the paper submission.

T1.2.3 ADDITIONAL CONDITIONS OF TENDER**T1.2.3.1 Appeals**

In terms of Regulation 49 of the Municipal Supply Chain Management Regulations persons aggrieved by decisions or actions taken by the Municipality, may lodge an appeal within 14 days of the decision or action, in writing to the Municipality. All appeals (clearly setting out the reasons for the appeal) and queries with regard to the decision of award are to be directed to:

The City Manager
Attention Ms S. Pillay eMail: Simone.Pillay@durban.gov.za
P O Box 1394
DURBAN, 4000

T1.2.3.2 Prohibition on awards to persons in the service of the state

Clause 44 of the Supply Chain Management Regulations states that the Municipality or Municipal Entity may not make any award to a person:

- (a) Who is in the service of the State;
- (b) If that person is not a natural person, of which a director, manager, principal shareholder or stakeholder is a person in the service of the state; or
- (c) Who is an advisor or consultant contracted with the municipality or a municipal entity.

Should a contract be awarded, and it is subsequently established that Clause 44 has been breached, the Employer shall have the right to terminate the contract with immediate effect.

T1.2.3.3 Code of Conduct and Local Labour

The Tenderers shall make themselves familiar with the requirements of the following policies that are available on web address: <ftp://ftp.durban.gov.za/cesu/StdContractDocs/>:

- Code of Conduct;
- The Use of CLOs and Local Labour.

T1.2.3.4 Targeted Procurement

Targeted Procurement provisions are not applicable to this tender.

PART T2: RETURNABLE DOCUMENTS

T2.1 LIST OF RETURNABLE DOCUMENTS

T2.1.1 General

The Tender Submission Documentation must be submitted in its entirety. All forms must be properly completed as required.

The Tenderer is required to complete each and every Schedule and Form listed below to the best of their ability as the evaluation of tenders and the eventual contract will be based on the information provided by the Tenderer. Failure of a Tenderer to complete the Schedules and Forms to the satisfaction of the Employer will inevitably prejudice the tender and may lead to rejection on the grounds that the tender is non-responsive.

T2.1.2 Returnable Schedules, Forms and Certificates

Entity Specific

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Eligibility

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T2.2.13	Eligibility: Registration with Compensation Commissioner	36
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T2.2.17	Eligibility: Tender Key Staff	39
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T2.2 RETURNABLE SCHEDULES, FORMS, AND CERTIFICATES

The returnable schedules, forms, and certificates, as listed in T2.1.2, can be found on the following pages 17 to **Error! Bookmark not defined.**41.

NOTE

The **Form of Offer** (C1.1.1), The **Data to be Provided by Contractor** (C1.2.2.2), and the **Bill of Quantities** (C2.2) are also required to be completed by the tenderer.

T2.2.1 COMPULSORY ENTERPRISE QUESTIONNAIRE

Ref	Description	Complete or Circle Applicable
1.1	Name of enterprise	
1.2	Name of enterprise's representative	
1.3	ID Number of enterprise's representative	
1.4	Position enterprise's representative occupies in the enterprise	
1.5	National Treasury Central Supplier Database Registration number	MAAA
1.6	eThekwini Supplier Database: Reference number (PR), if any:	PR
1.7	VAT registration number, if any:	
1.8	CIDB registration number, if any:	
1.9	Department of Labour: Registration number	
1.10	Department of Labour: Letter of Good Standing Certificate number	
2.0	Particulars of sole proprietors and partners in partnerships (attach separate pages if more than 4 partners)	
	Full Name	Identity No.
		Personal income tax No. *
2.1		
2.2		
2.3		
2.4		
3.0	Particulars of companies and close corporations	
3.1	Company registration number, if applicable:	
3.2	Close corporation number, if applicable:	
3.3	Tax Reference number, if any:	
3.4	South African Revenue Service: Tax Compliance Status PIN:	

4.0 Record in the service of the state (Insert on a separate page if necessary)

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

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

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

5.0 Record of spouses, children and parents in the service of the state (Insert on a separate page if necessary)

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

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

Name of spouse, child or parent	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 mths

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

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

NAME (Block Capitals):**Date****SIGNATURE:**

T2.2.2 CERTIFICATE OF ATTENDANCE AT CLARIFICATION MEETING / SITE INSPECTION

Reference is to be made to Clauses F.2.1(c) and F.2.7 of the Tender Data.

This is to certify that:

(tenderer name):

of (address):

was represented by the person(s) named below at the Clarification Meeting held for all tenderers, the details of which are stated in the Tender Data (F.2.7).

I / We acknowledge that the purpose of the meeting was to acquaint myself / ourselves with the site of the works and / or matters incidental to doing the work specified in the tender documents in order for me / us to take account of everything necessary when compiling our rates and prices included in the tender.

Particulars of person(s) attending the meeting:

Name: Name:

Signature: Signature:

Capacity: Capacity:

Attendance of the above person(s) at the meeting is confirmed by the Employer's Agent's Representative, namely:

Name:

Signature:

Date:

T2.2.3 TAX COMPLIANCE STATUS PIN / TAX CLEARANCE CERTIFICATE

Reference is to be made to Clauses F.2.23 and F.3.13(a) of the Tender Data.

SARS has introduced a new Tax Compliance Status System. Tenderers can submit a Tax Compliance Status PIN (TCS PIN) instead of an original Tax Clearance Certificate. This TCS PIN can be used by third parties to certify the taxpayer's real-time compliance status.

Separate Tax Clearance Certificates / TCS PINs are required for each entity in a Joint Venture.

The TCS PIN(s) are to be entered under item 3.4 on form **T2.1.2.1: Compulsory Enterprise Questionnaire**.

Tenderers are to include, at the back of their tender submission document, a printout of their Tax Compliance Status PIN (TCS PIN) OR an original Tax Clearance Certificate.

Failure to include the required document will make the tender submission non-responsive.

*I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, confirms that the information contained in this form is within my personal knowledge and is to the best of my belief both true and correct, **and that the requested documentation has been included in the tender submission.***

NAME (Block Capitals):

Date

SIGNATURE:

T2.2.4 CONTRACTOR'S HEALTH AND SAFETY DECLARATION

If Functionality is applicable as part of tender evaluation, reference is to be made to Clause F3.11.9 of the of the Conditions of Tender.

Reference is to be made to Clauses F.2.1(e) and F.2.23 of the Tender Data.

In terms of Clause 5(1)(h) of the OHSA 1993 Construction Regulations 2014 (referred to as "the Regulations" hereafter), a Principal Contractor may only be appointed to perform construction work if the Client is satisfied that the Principal Contractor has the necessary competencies and resources to carry out the work safely in accordance with the Occupational Health and Safety Act No 85 of 1993 and the OHSA 1993 Construction Regulations 2014.

To that effect, a person duly authorised by the tenderer, must complete and sign the declaration hereafter in detail.

Declaration by Tenderer

- 1 I, the undersigned, hereby declare and confirm that I am fully conversant with the Occupational Health and Safety Act No 85 of 1993 (as amended by the Occupational Health and Safety Amendment Act No 181 of 1993), and the OHSA 1993 Construction Regulations 2014.
- 2 I hereby declare that my company has the competence and the necessary resources to safely carry out the construction work under this contract in compliance with the Construction Regulations and the Employer's Health and Safety Specifications.
- 3 I propose to achieve compliance with the Regulations by one of the following **(Tenderers are to Circle Applicable - Yes or No)**:

(a) From my own competent resources as detailed in 4(a) hereafter.

(b) From my own resources still to be appointed or trained until competency is achieved, as detailed in 4(b) hereafter:

(c) From outside sources by appointment of competent specialist Subcontractors as detailed in 4(c) hereafter:

Circle Applicable	
Yes	NO
Yes	NO
YES	NO

- 4 Details of resources I propose:

(Note: Competent resources shall include safety personnel such as a construction supervisor and construction safety officer as defined in Regulation 8, and competent persons as defined in Regulations 9, 10, 11, 12, 13, 14, 16, 17, 20, 21, 22, 23(1), 24, 25, 26, 27, 28 and 29, as applicable).

- (a) Details of the competent and qualified key persons from my company's own resources, who will form part of the contract team:

NAMES OF COMPETENT PERSONS	POSITIONS TO BE FILLED BY COMPETENT PERSONS

(b) Details of training of persons from my company's own resources (or to be hired) who still have to be trained to achieve the necessary competency:

- (i) By whom will training be provided?
(ii) When will training be undertaken?
(iii) Positions to be filled by persons to be trained or hired:

(c) Details of competent resources to be appointed as subcontractors if competent persons cannot be supplied from own company:

Name of proposed subcontractor:
Qualifications or details of competency of the subcontractor:

- 5 I, the undersigned, hereby undertake, if this tender is accepted, to provide, before commencement of the works under the contract, a suitable and sufficiently documented Health and Safety Plan in accordance with Regulation 7(1) of the Construction Regulations, which plan shall be subject to approval by the Client.
- 6 I, the undersigned, confirm that copies of this company's approved Health and Safety Plan, the Client's Safety Specifications as well as the OHSA 1993 Construction Regulations 2014 will be provided on site and will at all times be available for inspection by the Principal Contractor's personnel, the Client's personnel, the Employer's Agent, visitors, and officials and inspectors of the Department of Labour.
- 7 I, the undersigned, hereby confirm that adequate provision has been made in the tendered rates and prices in the Bill of Quantities to cover the cost of all resources, actions, training and all health and safety measures envisaged in the OHSA 1993 Construction Regulations 2014, and that I will be liable for any penalties that may be applied by the Client in terms of the said Regulations (Regulation 33) for failure on the Principal Contractor's part to comply with the provisions of the Act and the Regulations.
- 8 I, the undersigned, agree that failure to complete and execute this declaration to the satisfaction of the Client will mean that this company is unable to comply with the requirements of the OHSA 1993 Construction Regulations (2014) and accept that this tender will be prejudiced and may be rejected at the discretion of the Client.

I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, confirms that the information contained in this form is within my personal knowledge and is to the best of my belief both true and correct.

NAME (Block Capitals):

Date

SIGNATURE:

T2.2.5 MBD 4: DECLARATION OF INTEREST

MSCM Regulations: “**in the service of the state**” means to be:

- (a) a member of:
 - (i) any municipal council.
 - (ii) any provincial legislature.
 - (iii) the national Assembly or the national Council of provinces.
- (b) a member of the board of directors of any municipal enterprise.
- (c) an official of any municipality or municipal enterprise.
- (d) an employee of any national or provincial department, national or provincial public enterprise or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999).
- (e) a member of the accounting authority of any national or provincial public enterprise.
- (f) an employee of Parliament or a provincial legislature.

“**Shareholder**” means a person who owns shares in the company and is actively involved in the management of the company or business and exercises control over the company.

- 1 No bid will be accepted from persons **in the service of the state**¹.
- 2 Any person, having a kinship with persons **in the service of the state**, including a blood relationship, may make an offer or offers in terms of this invitation to bid. In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons connected with or related to **persons in service of the state**, it is required that the bidder or their authorised representative declare their position in relation to the evaluating/adjudicating authority and/or take an oath declaring his/her interest.
- 3 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

3.1 Name of enterprise	Complete T2.1.2.1 Item 1.1
Name of enterprise’s representative	Complete T2.1.2.1 Item 1.2
3.2 ID Number of enterprise’s representative	Complete T2.1.2.1 Item 1.3
3.3 Position enterprise’s representative occupies in the enterprise	Complete T2.1.2.1 Item 1.4
3.4 Company Registration number	Complete T2.1.2.1 Item 3.1 or 3.2
3.5 Tax Reference number	Complete T2.1.2.1 Item 3.3
3.6 VAT registration number	Complete T2.1.2.1 Item 1.7
3.7 The names of all directors / trustees / shareholders / members / sole proprietors / partners in partnerships, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below. In the case of a joint venture, information in respect of each partnering enterprise must be completed and submitted.	
Circle Applicable YES NO	
3.8 Are you presently in the service of the state?	
If yes, furnish particulars:	
3.9 Have you been in the service of the state for the past twelve months?	
If yes, furnish particulars:	

3.10 Do you have any relationship (family, friend, other) with persons in the service of the state and who may be involved with the evaluation and or adjudication of this bid?

YES

NO

If yes, furnish particulars:

.....

3.11 Are you, aware of any relationship (family, friend, other) between any other bidder and any persons in the service of the state who may be involved with the evaluation and or adjudication of this bid?

YES

NO

If yes, furnish particulars:

.....

3.12 Are any of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state?

YES

NO

If yes, furnish particulars:

.....

3.13 Are any spouse, child or parent of the company's directors, trustees, managers, principle shareholders or stakeholders in service of the state?

YES

NO

If yes, furnish particulars:

.....

3.14 Do you or any of the directors, trustees, managers, principle shareholders, or stakeholders of this company have any interest in any other related companies or business whether or not they are bidding for this contract?

YES

NO

If yes, furnish particulars:

.....

- 4 The names of all directors / trustees / shareholders / members / sole proprietors / partners in partnerships, their individual identity numbers and state employee numbers must be indicated below. In the case of a joint venture, information in respect of each partnering enterprise must be completed and submitted

Full Name	Identity No.	State Employee No.	Personal income tax No.
Use additional pages if necessary			

I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, confirms that the information contained in this form is within my personal knowledge and is to the best of my belief both true and correct.

NAME (Block Capitals):

Date

SIGNATURE:

T2.2.6 MBD 5: DECLARATION FOR PROCUREMENT ABOVE R10 MILLION
(ALL APPLICABLE TAXES INCLUDED)

For all procurement expected to exceed R10 million (all applicable taxes included), bidders must complete the following questionnaire.

Circle Applicable	
YES	NO
1.0 Are you by law required to prepare annual financial statements for auditing?	
1.1 If YES, submit audited annual financial statements for the past three years or since the date of establishment if established during the past three years.	
2.0 Do you have any outstanding undisputed commitments for municipal services towards any municipality for more than three months or any other service provider in respect of which payment is overdue for more than 30 days?	
2.1 If NO, this serves to certify that the bidder has no undisputed commitments for municipal services towards any municipality for more than three months or other service provider in respect of which payment is overdue for more than 30 days.	
2.2 If YES, provide particulars. 	
3.0 Has any contract been awarded to you by an organ of state during the past five years, including particulars of any material non-compliance or dispute concerning the execution of such contract?	
3.1 If YES, provide particulars. 	
4.0 Will any portion of goods or services be sourced from outside the Republic, and, if so, what portion and whether any portion of payment from the municipality / municipal entity is expected to be transferred out of the Republic?	
4.1 If YES, provide particulars. 	

If required by 1.1 above, tenderers are to include, at the back of their tender submission document, a printout of their audited annual financial statements.

I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, confirms that the information contained in this form is within my personal knowledge and is to the best of my belief both true and correct, and, if required, that the requested documentation has been included in the tender submission.

NAME (Block Capitals):

Date

SIGNATURE:

T2.2.7 MBD 6.1: PREFERENCE POINTS CLAIM

In terms of THE PREFERENTIAL PROCUREMENT REGULATIONS (2022)

Reference is to be made to Clause F.3.11 of the Tender Data.

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1.0 GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to invitations to tender:
 - the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included).
 - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).
- 1.2 The applicable preference point system for this tender is the 80/20 preference point system.
- 1.3 Preference Points for this tender shall be awarded for:
 - **Price and Specific Goals:** Either 80 or 90 (price) and 20 or 10 (specific goals), in terms of 1.2 above.
 - The total Preference Points, for Price and Specific Goals, is 100.
- 1.4 Failure on the part of the tenderer to submit the required proof or documentation, in terms of the requirements in the Conditions of Tender for claiming specific goal preference points, will be interpreted that preference points for specific goals are not claimed.
- 1.5 The Municipality reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard of preferences, in any manner required by the Municipality.

2.0 DEFINITIONS

- 2.1 “**tender**” means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation.
- 2.2 “**price**” means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts.
- 2.3 “**rand value**” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes.
- 2.4 “**tender for income-generating contracts**” means a written offer in the form determined by Municipality in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the Municipality and a third party that produces revenue for the Municipality, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions.
- 2.5 “**the Act**” means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3.0 FORMULA FOR CALCULATION OF PREFERENCE PRICE POINTS

3.1 PROCUREMENT OF GOODS AND SERVICES

POINTS AWARDED FOR PRICE: A maximum of 80 or 90 points is allocated for price on the following basis:

80 / 20 Points System

OR

90 / 10 Points System

$$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

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

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

4.0 POINTS AWARDED FOR SPECIFIC GOALS

- 4.1 In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goal(s) stated in **Table 1** below, as supported by proof/ documentation stated in the **Conditions of Tender**:
- 4.2 In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of:
- an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system, or
 - any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,
- then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

TABLE 1: Specific Goals for the tender and maximum points for each goal are indicated per the table below. Tenderers are to indicate their points claim for each of the Specific Goals in the shaded blocks.

The Specific Goals to be allocated points in terms of this tender	Maximum Number of points ALLOCATED (80/20 system)	Number of points CLAIMED (80/20 system)
Ownership Goal: Race (black)	20	
Ownership Goal: Gender (female)	n/a	n/a
Ownership Goal: Disabilities	n/a	n/a
RDP Goal: The promotion of South African owned enterprises.	n/a	n/a
RDP Goal: The promotion of export-oriented production to create jobs.	n/a	n/a
RDP Goal: The Creation of new jobs to address black youth unemployment	n/a	n/a
RDP Goal: The promotion of enterprises located in a specific municipal area.	n/a	n/a
RDP Goal: Social upliftment of communities	n/a	n/a
RDP Goal: The promotion of SMMEs owned by PPG (contracts >R5m)	n/a	n/a
Total CLAIMED Points (20 Maximum)		

I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, certify that the points claimed, based on the specific goals as specified in the tender, qualifies the tendering entity for the preference(s) shown.

I acknowledge that:

- The information furnished is true and correct.
- The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form.
- In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct.
- If the specific goals have been claimed or obtained on a fraudulent basis, or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have:
 - disqualify the person from the tendering process.
 - recover costs, losses or damages it has incurred or suffered as a result of that person's conduct.
 - cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation.
 - recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - forward the matter for criminal prosecution, if deemed necessary.

NAME (Block Capitals):

Date

SIGNATURE:

T2.2.8 MBD 8: DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1.0 This Municipal Bidding Document must form part of all bids invited.
- 2.0 It serves as a declaration to be used by municipalities and municipal entities in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3.0 The bid of any bidder may be rejected if that bidder, or any of its directors have:
- a) abused the municipal entity's supply chain management system or committed any improper conduct in relation to such system.
 - b) been convicted for fraud or corruption during the past five years.
 - c) wilfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years.
 - d) been listed in the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004).
- 4.0 In order to give effect to the above, the following questions must be completed and submitted with the bid.

- 4.1 Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?

(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer / Authority of the institution that imposed the restriction after the audi alteram partem rule was applied.)

The Database of Restricted Suppliers now resides on the National Treasury's website (www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.

Circle Applicable	
YES	NO

- 4.1.1 If YES, provide particulars.

.....

.....

- 4.2 Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?

The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.

YES	NO
-----	----

- 4.2.1 If YES, provide particulars.

.....

.....

- 4.3 Was the bidder or any of its directors convicted by a court of law (including a court of law outside the Republic of South Africa) for fraud or corruption during the past five years?

YES	NO
-----	----

- 4.3.1 If YES, provide particulars.

.....

.....

4.4 Does the bidder or any of its directors owe any municipal rates and taxes or municipal charges to the municipality / municipal entity, or to any other municipality / municipal entity, that is in arrears for more than three months?

YES

NO

4.4.1 If YES, provide particulars.

.....

.....

4.5 Was any contract between the bidder and the municipality / municipal entity or any other organ of state terminated during the past five years on account of failure to perform on or comply with the contract?

YES

NO

4.5.1 If YES, provide particulars.

.....

.....

I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, confirms that the information contained in this form is within my personal knowledge and is to the best of my belief both true and correct.

I accept that, in addition to cancellation of a contract, action may be taken against me should this declaration prove to be false.

NAME (Block Capitals):

Date

SIGNATURE:

T2.2.9 MBD 9: CERTIFICATE OF INDEPENDENT BID DETERMINATION**NOTES**

- ¹ Includes price quotations, advertised competitive bids, limited bids and proposals.
- ² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.
- ³ Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

- 1.0 This Municipal Bidding Document (MBD) must form part of all **bids**¹ invited.
- 2.0 Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or **bid rigging**).² Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
- 3.0 Municipal Supply Regulation 38 (1) prescribes that a supply chain management policy must provide measures for the combating of abuse of the supply chain management system, and must enable the accounting officer, among others, to:
- a. take all reasonable steps to prevent such abuse;
 - b. reject the bid of any bidder if that bidder or any of its directors has abused the supply chain management system of the municipality or municipal entity or has committed any improper conduct in relation to such system; and
 - c. cancel a contract awarded to a person if the person committed any corrupt or fraudulent act during the bidding process or the execution of the contract.
- 4.0 This MBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of **bid rigging**.
- 5.0 In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Municipality / Municipal Entity)

do hereby make the following statements that I certify to be true and complete in every respect.

I certify, on behalf of:

(Name of Bidder)

that:

1. I have read and I understand the contents of this Certificate.
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect.
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign, the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
 - (a) has been requested to submit a bid in response to this bid invitation.
 - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience.
 - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder.
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement, or arrangement with any competitor. However, communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.

7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
- (a) prices.
 - (b) geographical area where product or service will be rendered (market allocation).
 - (c) methods, factors or formulas used to calculate prices.
 - (d) the intention or decision to submit or not to submit, a bid.
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid.
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements, or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

NAME (Block Capitals): _____

Date

SIGNATURE: _____

T2.2.10 JOINT VENTURES AGREEMENTS

Joint Venture agreement and Power of Attorney Agreements to be attached here (if applicable).

T2.2.11 RECORD OF ADDENDA TO TENDER DOCUMENTS

I / We confirm that the following communications received from the Employer or his representative before the date of submission of this tender offer, amending the tender documents, have been taken into account in this tender offer.

ADD. №	DATE	TITLE OR DETAILS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, confirms that the information contained in this form is within my personal knowledge and is to the best of my belief both true and correct.

It is also confirmed that the requirements, as stated on the Addenda, have been complied with.

NAME (Block Capitals):

Date

SIGNATURE:

T2.2.12 ELIGIBILITY: DECLARATION OF MUNICIPAL FEES

Reference is to be made to Clause F.2.1(f)(ii) of the Tender Data.

I, the undersigned, do hereby declare that the Municipal fees of:

.....
(full name of Company / Close Corporation / partnership / sole proprietary/Joint Venture)

(hereinafter referred to as the TENDERER) are, as at the date hereunder, fully paid or an Acknowledgement of Debt has been concluded with the Municipality to pay the said charges in instalments.

The following account details relate to property of the said TENDERER:

<u>Account</u>	<u>Account Number: to be completed by tenderer</u>											
Consolidated Account												
Electricity												
Water												
Rates												
JSB Levies												
Other												

I acknowledge that should the aforesaid Municipal charges fall into arrears, the Municipality may take such remedial action as is required, including termination of any contract, and any payments due to the Contractor by the Municipality shall be first set off against such arrears.

- Where the tenderer's place of business or business interests are outside the jurisdiction of eThekweni municipality, a copy of the accounts/ agreements from the relevant municipality are to be provided.
- Where the tenderer's Municipal Accounts are part of their lease agreement, then a copy of the agreement, or an official letter to that effect, is to be provided.

Tenderers are to include, at the back of their tender submission document, a printout of the above account's and or agreements signed with the municipality.

Failure to include the required document will make the tender submission non-responsive.

*I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, confirms that the information contained in this form is within my personal knowledge and is to the best of my belief both true and correct, **and that the requested documentation has been included in the tender submission.***

NAME (Block Capitals): _____

Date

SIGNATURE: _____

T2.2.13 ELIGIBILITY: REGISTRATION WITH COMPENSATION COMMISSIONER

Reference is to be made to Clause F.2.1(f)(i) of the Tender Data.

The Occupational Injuries and Diseases Act (130 of 1993 as amended) (the Act) refers. A summary of the pertinent Clauses is listed below. The act is to be referenced for the full text of the clauses.

Clause 80: Employer to register with commissioner and furnish him with particulars

The Act requires that an Employer carrying out business in the Republic to register with the Compensation Commissioner. Any person who fails to comply with the provisions of this clause is guilty of an offence.

Clause 82: Employer to furnish returns of earnings

The Act requires an Employer to furnish the commissioner with a return showing:

- The amount of earnings paid by him to his employees.
- Any further information as may be prescribed or as the commissioner may require.

Any Employer who fails to comply with the provisions of this clause is guilty of an offence.

Clause 86: Assessment to be paid by an employer to commissioner

The Act states that an Employer will receive notices of assessment from the commissioner. The Employer must pay the commissioner the assessment amount on the notices.

Clause 89: Mandators and contractors

The Act requires a contractor (a person with a contract with a mandator) to register as an Employer in accordance with the provisions of the Act and pay the necessary assessments. Failing registration or payment of assessments, the mandator is required to pay the assessments in respect of the employees of the contractor. The mandator is allowed to recover the assessment amounts paid from the contractor.

The Department of labour issues contractors with a **Letter of Good Standing** if the contractor has complied with the requirement(s) of the Act and is in "good standing" with the Compensation Fund. Employers can check the validity of such Letters of Good Standing on the internet (<https://cfoonline.labour.gov.za/VerifyLOGS>).

Tenderers are to include, at the back of their tender submission document, a printout of their most recent Letter of Good Standing from the Department of Labour.

Failure to include the required document will make the tender submission non-responsive.

I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, confirms that the information contained in this form is within my personal knowledge and is to the best of my belief both true and correct, and that the requested documentation has been included in the tender submission.

NAME (Block Capitals):

Date

SIGNATURE:

T2.2.14 ELIGIBILITY: CSD REGISTRATION REPORT

Reference is to be made to Clauses F.2.1(e) and F.2.23 of the Tender Data.

The Conditions of Tender, Clause F.2.1: Eligibility, requires a tenderer to be registered, at the time of tender closing, on the **National Treasury Central Supplier Database (CSD)** as a service provider.

CSD Registration Reports can be obtained from the National Treasury's CSD website at <https://secure.csd.gov.za/Account/Login>.

The date of obtaining the printout is to be indicated on the printout.

The following is an example of the beginning of the printout obtained from the above website.

 CENTRAL SUPPLIER DATABASE FOR GOVERNMENT	Report Date:	
	Report Ran By:	
CSD REGISTRATION REPORT		
SUPPLIER IDENTIFICATION		
Supplier number		Have Bank Account
Is supplier active?		Total annual turnover
Supplier type		Financial year start date
Supplier sub-type		Registration date
Legal name		Created by
Trading name		Created date
Identification type		Edit by
Government breakdown		Edit date
Business status		Restricted Supplier
Country of origin		Restriction Last Verification Date
South African company/CC registration number		

Tenderers are to include, at the back of their tender submission document, a printout of their (full) CSD Registration Report.

I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, confirms that the information contained in this form is within my personal knowledge and is to the best of my belief both true and correct, and that the requested documentation has been included in the tender submission.

NAME (Block Capitals):

Date

SIGNATURE:

T2.2.15 ELIGIBILITY: VERIFICATION OF CIDB REGISTRATION AND STATUS

Reference is to be made to Clause F.2.1.1 and F.2.23 of the Tender Data.

The Conditions of Tender, **Clause F.2.1.1: Eligibility**, requires a tenderer to be registered, as "Active", with the CIDB (at time of tender closing), in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations. The required class of construction work is specified in Clause F.2.1.1.

CIDB Registrations can be obtained from the CIDB website at <https://registers.cidb.org.za/PublicContractors/ContractorSearch>. The date of obtaining the printout is to be indicated on the printout.

The following is an example of the beginning of the printout obtained from the above website.

Home

Contractor Detail Print

Contractor Detail

CRS Number: Type of Enterprise:

Contractor Name: Registration Date:

Trading Name: Expiry Date:

Status:

Contractor Grades

Grade:

Back

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[Website technical enquires contact](#)

01/01/2017

Tenderers are to include, at the back of their tender submission document, a printout of their registration with the CIDB.

I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, confirms that the information contained in this form is within my personal knowledge and is to the best of my belief both true and correct, and that the requested documentation has been included in the tender submission.

NAME (Block Capitals):

Date

SIGNATURE:

T2.2.16 ELIGIBILITY: EXPERIENCE OF TENDERER

Reference is to be made to Clause F.2.1.3 of the Tender Data.

This form is to be copied and used for each submission of experience, as may be required.

Where options are provided ('), only one (1) selected option should be clearly marked with an " X " .

Tenderer's CIDB Grade:	1*	2*	3*	4*	5*	6*	7*	8*	9*	Experience as a:	Sub-Contractor*	Main Contractor*	
Client / Employer:	Entity Name:												
	Contact Name:												
	Contact Tel:												
	Contact Cell:												
	Contact email / other:												
Contract Details	Contract Number:												
	Contract Title:												
	Has this Contract been completed?									Y*	N*		
Tendered Value (Contract Sum) OR Sub-Contract Value:									R	Final Contract Price OR Final Value of Sub-Contract:			R

Contract Scope-of-Work (Description of Works components)	If available in hard copy, the Scope-of-Work can be attached. Only include the Scope-of-Work (contract description). <u>The Specification is not required.</u>

Tenderers are to submit one of the following, in verification for each experience claimed:

- Copies of signed completion certificates for all projects;
or,
- Written correspondence from previous Client on the Tenderers participation and contract details, per claimed project;
or,
- Copies of final certificates for all projects, per claimed project

I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, confirms that the information contained in this form is within my personal knowledge and is to the best of my belief both true and correct, and that the requested documentation has been included in the tender submission.

NAME (Block Capitals):

Date

SIGNATURE:

T2.2.17 ELIGIBILITY: TENDERER KEY PERSONNEL

Reference is to be made to Clause F.2.1.4 of the Tender Data.

Personnel Schedule				
Key Resource	Name and Surname	Qualification	Years of Experience	Period of Engagement (estimate weeks)
Civil Engineering Professional				
Civil Technician (3 persons)				
Geotechnical Engineering Professional				
Quantity Surveyor				
Administrator				
Clerk of Works (3 persons)				
Draughtsman				

I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, confirms that the information contained in this form is within my personal knowledge and is to the best of my belief both true and correct.

NAME (Block Capitals):

Date

SIGNATURE:

Reference is to be made to Clause F.2.1.4 of the Tender Data.

This form is to be copied and used for each submission of key staff, as may be required.

Title of Key Staff: _____													
Full Name and Surname													
ID № or Passport №												Age	
Tertiary Institution Attended													
Relevant Qualification/s										Year Obtained			
Professional Institution Registered With										Registration №			
Key Staff Experience: Employment History <i>(To be listed in chronological order with reference to relevant experience only)</i>													
Employment Period (mm/yy to mm/yy)	Name of Employer				Details of Key Staff Experience								

I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, confirms that the information contained in this form is within my personal knowledge and is to the best of my belief both true and correct.

NAME (Block Capitals):

Date

SIGNATURE:

T2.2.18 ELIGIBILITY: PLANT AND EQUIPMENT

Reference is to be made to Clause F.2.1.5 of the Tender Data.

Tender Plant and Equipment			
Tractor Loader Backhoe (TBL)			
Bucket Size	m ³	The Year of Manufacture	
Number Plate		Vehicle Age	years
Tipper Truck			
Capacity	ton	The Year of Manufacture	
Number Plate		Vehicle Age	years
Bakkie: One			
Capacity	ton	The Year of Manufacture	
Number Plate		Vehicle Age	years
Bakkie: Two			
Capacity	ton	The Year of Manufacture	
Number Plate		Vehicle Age	years
Bakkie: Three			
Capacity	ton	The Year of Manufacture	
Number Plate		Vehicle Age	years
Bakkie: Four			
Capacity	ton	The Year of Manufacture	
Number Plate		Vehicle Age	years

I, the undersigned, who warrants that they are authorised to sign on behalf of the Tenderer, confirms that the information contained in this form is within my personal knowledge and is to the best of my belief both true and correct.

NAME (Block Capitals):**Date****SIGNATURE:**

PART C1: AGREEMENT AND CONTRACT DATA**C1.1: FORM OF OFFER AND ACCEPTANCE****C1.1.1: OFFER**

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract in respect of the following works:

Contract No: **WS 7601**

Contract Title: **Appointment of a Managing Contractor for the Southern Sewer Networks Area to Repair and Maintain the Sanitations Operation Department Sewer Networks Infrastructure, as and when required, for a period of 36 months**

The Tenderer, identified in the Offer signature block below, has examined the documents listed in the Tender Data and addenda thereto as listed in the Tender Schedules, and by submitting this Offer has accepted the Conditions of Tender.

By the representative of the Tenderer, deemed to be duly authorised, signing this part of this Form of Offer and Acceptance, the Tenderer offers to perform all of the obligations and liabilities of the Contractor under the Contract including compliance with all its terms and conditions according to their true intent and meaning for the Weighted Average Rate to be determined in accordance with the Conditions of Contract identified in the Contract Data.

*** The offered Weighted Average Rate is:**

R..... (In words
.....)

This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document to the Tenderer before the end of the period of validity stated in the Tender Data, whereupon the Tenderer becomes the party named as the Contractor in the Conditions of Contract identified in the Contract Data.

For the Tenderer:

*** Name of Tenderer (organisation)** :

*** Signature (of person authorized to sign the tender)** :

*** Name (of signatory in capitals)** :

Capacity (of Signatory) :

Address :

:

Telephone :

Witness:

Signature : **Date** :

Name (in capitals) :

Notes:

*** Indicates what information is mandatory.**

Failure to complete the mandatory information and sign this form will invalidate the tender.

C1.1: FORM OF OFFER AND ACCEPTANCE**C1.1.2: FORM OF ACCEPTANCE****This Form will be completed by the Employer**

By signing this part of the Form of Offer and Acceptance, the Employer identified below accepts the Tenderer's Offer. In consideration thereof, the Employer shall pay the Contractor the amount due in accordance with the Conditions of Contract identified in the Contract Data. Acceptance of the Tenderer's Offer shall form an agreement between the Employer and the Tenderer upon the terms and conditions contained in this Agreement and in the Contract that is the subject of this Agreement.

The terms of the contract are contained in:

- Part C1 : Agreement and Contract Data, (which includes this Agreement)
- Part C2 : Pricing Data, including the Bill of Quantities
- Part C3 : Scope of Work
- Part C4 : Site Information

and the schedules, forms, drawings and documents or parts thereof, which may be incorporated by reference into Parts C1 to C4 above.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender Schedules as well as any changes to the terms of the Offer agreed by the Tenderer and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Agreement. No amendments to or deviations from said documents are valid unless contained in this Schedule, which must be duly signed by the authorised representatives of both parties.

The Tenderer shall within two weeks after receiving a completed copy of this Agreement, including the Schedule of Deviations (if any), contact the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the Conditions of Contract identified in the Contract Data at, or just after, the date this Agreement comes into effect. Failure to fulfill any of these obligations in accordance with those terms shall constitute a repudiation of this Agreement.

Notwithstanding anything contained herein, this Agreement comes into effect on the date when the Tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the Tenderer (now Contractor) within five days of the date of such receipt notifies the Employer in writing of any reason why he cannot accept the contents of this Agreement, this Agreement shall constitute a binding contract between the parties.

Signature (*person authorized to sign the acceptance*) :

Name (*of signatory in capitals*) :

Capacity (*of Signatory*) :

Name of Employer (*organisation*) :

Address :

:

Witness:

Signature : **Date** :

Name(*in capitals*) : :

C1.1: FORM OF OFFER AND ACCEPTANCE**C1.1.3: SCHEDULE OF DEVIATIONS****This form will be completed by THE EMPLOYER and ONLY THE SUCCESSFUL TENDERER**

1. **Subject** :
- Details** :
- :
2. **Subject** :
- Details** :
- :
3. **Subject** :
- Details** :
- :

By the duly authorised representatives signing this Schedule of Deviations, the Employer and the Tenderer agree to and accept the foregoing Schedule of Deviations as the only deviations from and amendments to the documents listed in the Tender Data and addenda thereto as listed in the Tender Schedules, as well as any confirmation, clarification or change to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the Tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this Agreement.

FOR THE TENDERER**FOR THE EMPLOYER**

.....	Signature	
.....	Name (<i>in capitals</i>)	
.....	Capacity	
.....	Name and Address of	
.....	Organisation	
.....		
.....	Witness Signature	
.....	Witness Name	
.....	Date	

C1.2: CONTRACT DATA

C1.2.1 CONDITIONS OF CONTRACT

C1.2.1.1 GENERAL CONDITIONS OF CONTRACT

The Conditions of Contract are the General Conditions of Contract for Construction Works (2015 3rd Edition), (GCC 2015) published by the South African Institution of Civil Engineering. Copies of these conditions of contract may be obtained from the South African Institution of Civil Engineering (Tel: 011-805-5947, Fax: 011-805-5971, E-mail: civilinfo@saice.org.za).

The Contract Data (including variations and additions) shall amplify, modify, or supersede, the GCC 2015 to the extent specified below, and shall take precedence and shall govern.

Each item of data given below is cross-referenced to the clause in the GCC 2015 to which it mainly applies.

C1.2.2 CONTRACT DATA

C1.2.2.1 DATA TO BE PROVIDED BY THE EMPLOYER

1.1.1.13 The **Defects Liability Period**, from the date of the Certificate of Completion, is **Not Required**.

1.1.1.14 The **time for achieving Practical Completion** for each task/project/job, from the Commencement Date is **2 Weeks**. The period as stated in 5.3.2 is included in the above time for achieving Practical Completion. The working days as stated in 5.8.1 are included in the above time for achieving Practical Completion.

1.1.1.15 The Employer is the eThekweni Municipality as represented by:
Deputy Head: **Sanitations Operation**

1.2.1.2 The address of the Employer is:
Physical: Water and Sanitation Unit, 3 Prior Road, Durban, 4001
Postal: Water and Sanitation Unit, P O Box 1038, Durban, 4000
Telephone: 031 322 7640
E-Mail: Sibusiso.Vilane@durban.gov.za

1.1.1.16 The **name of the Employer's Agent** is: Nedon Ramsuran

1.2.1.2 The address of the Employer' Agent is:
Physical: Water and Sanitation Unit, 3 Prior Road, Durban, 4001
Postal: Water and Sanitation Unit, P O Box 1038, Durban, 4000
Telephone: 031 311 8856
E-Mail: Nedon.Ramsuran@durban.gov.za

1.1.1.26 The **Pricing Strategy** is by **Re-measurement Contract**.

3.2.3 The Employer's Agent shall obtain the **specific approval of the Employer** before executing any of his functions or duties according to the following Clauses of the General Conditions of Contract:

- 6.3: Council approval in order to authorise any expenditure in excess of the Tender Sum plus **10%** contingencies.

4.11.1 To carry out and complete the works, the Contractor shall employ a competent Site Agent and Foreman as part of the key staff. It is a requirement for the Contractor's Site Agent and Foreman to each have a minimum of 3 years relevant experience including experience on projects of a similar nature. The CV's of the Site Agent and the Foreman should be submitted to the Employer's

Agent's Representative for acceptance by the Department (reference is made to Cl.5.3.1 of the Contract Data).

Note:

- i) "similar nature" implies projects that were of a value of at least 70% of this tender's value, and had a comparable Scope of Work in terms of technical requirements and operations.
- ii) "experience" implies experience on projects of a similar nature.
- iii) "accredited degree / diploma" implies a minimum 3-year qualification within the built environment, from a registered University or Institute of Technology.

5.3.1 The **documentation required** before commencement with Works execution are:

- Health and Safety Plan (refer to Clause 4.3)
- Security (refer to Clause 6.2)
- Insurance (refer to Clause 8.6)

5.3.2 The **time to submit the documentation** required before commencement with Works is **14 Days**.

5.3.3 Add the following paragraph:

"If a construction work permit, in terms of Clause 3(1) of the Construction Regulations (2014), is applicable, the instruction to commence carrying out of the works may only be issued once the construction work permit has been obtained by the Employer's Agent. If a construction work permit is applicable, the contractor shall allow for a minimum period of 37 days, after the submission (or re-submission) of the documentation referred to in Clause 5.3.1., for the issuing of the construction work permit."

5.4.2 The access and possession of Site shall not be exclusive to the Contractor but as set out in the Site Information.

5.8.1 The **working days** are to include **Saturdays and Sundays**.

(5.1.1) The **working days** are to include:

- All statutory holidays as declared by National or Regional Government.
- The year-end break

5.8.1 Delete the words "sunset and sunrise" and replace with "17:00 and 07:00".

5.12.2.2 **Abnormal Climatic Conditions (Rain Delays)** - The numbers of days per month, on which work is expected not to be possible as a result of rainfall, for which the Contractor shall make provision, is given in the table below.

During the execution of the Works, the Employer's Agent's Representative will certify a day lost due to rainfall only if at least 75% of the work force and plant on site could not work during that specific working day.

Extension of time as a result of rainfall shall be calculated monthly being equal to the number days certified by the Employer's Agent's Representative as lost due to rainfall, less the number of days allowed for as in table below, which could result in a negative figure for certain months.

The total extension of time for which the Contractor may apply, shall be the cumulative algebraic sum of the monthly extensions.

Should the sum thus obtained be negative, the extension of time shall be taken as NIL.

<u>Month</u>	<u>Days Lost</u>	<u>Average Rainfall</u>	<u>Month</u>	<u>Days Lost</u>	<u>Average Rainfall</u>
January	4*	134	July	1	39
February	3	113	August	2	62
March	3	120	September	2	73
April	2	73	October	3	98
May	2	59	November	3	108
June	1	28	December	1*	102
TOTAL	27	1009mm	* = The number of working days lost allows for the annual statutory Construction holiday in December and January of each year.		

5.13.1 The **penalty for delay** in failing to complete the Works is **R 0 - 00** (per Day) - Works will be rate based.

5.14.1 The **requirements for achieving Practical Completion** for each task/project/job will be determined by the Employer's Agent (in consultation with the Contractor) and recorded in the minutes of the first Site Meeting / Handover Meeting. (Refer to 1.1.1.24 for a generic definition.) The requirements are to be regularly reviewed with respect to any variations to the Contract.

5.16.3 The **latent defect liability** period is **10 Years**.

6.2.1 **Security (Performance Guarantee):** Delete the word "selected" and replace it with "stated". The liability of the Performance Guarantee shall be as per the following table:

Value of Contract (incl. VAT)	Performance Guarantee Required
Less than or equal to R 1m	Nil
Greater than R 1m and less than or equal to R 10m	5% of the Contract Sum
Greater than R 10m	10% of the Contract Sum

6.5.1.2.3 The **percentage allowance** to cover overhead charges for daywork are as follows:

- **80%** of the gross remuneration of workmen and foremen actually engaged in the daywork;
- **20%** on the net cost of materials actually used in the completed work.

No allowance will be made for work done, or for materials and equipment for which daywork rates have been quoted at tender stage.

6.10.1.5 The **percentage advance** on materials not yet built into the Permanent Works is **80%**.

The **percentage advance** on Plant not yet supplied to Site: **Not Required**

8.6.1.1.2 The **value of Plant and materials** supplied by the Employer to be included in the insurance sum: **Not Required**.

8.6.1.1.3 The **amount to cover professional fees** for repairing damage and loss to be included in the insurance sum: **Not Required**.

8.6.1.2 **SASRIA Coupon Policy** for Special Risks to be issued in joint names of Council and Contractor for the full value of the works (including VAT).

8.6.1.3 The limit of indemnity for **liability insurance**: **R 25 million**.

8.6.1.4 Ground Support Insurance:

- Minimum amount for any one occurrence, unlimited as to the number of occurrences, against any claim for damages or loss caused by vibration and / or removal of lateral support: **R 1 million.**
- Maximum first excess: **R 10 000-00.**

8.6.1.5 Furthermore, the insurance cover effected by the Contractor shall meet the following requirements:

Third Party Insurance (Public Liability)

- Minimum amount for any one occurrence, unlimited as to the number of occurrences, for the period of the contract, inclusive of the maintenance period: **R 50 000-00.**
- Consequential loss to be covered by policy: **Yes**
- Liability section of policy to be extended to cover blasting: **Nil.**
- Maximum excess per claim or series of claims arising out of any one occurrence: **R 50 000-00.**

Principal's own surrounding Property Insurance

- Minimum amount for any one occurrence unlimited as to the number of occurrences against any claim for damage which may occur to the Council's own surrounding property: **Nil.**
- Maximum first excess: **Nil.**

Insurance of Works

- Minimum amount for additional removal of debris (no damage): **Nil.**
- Minimum amount for temporary storage of materials off site, excluding Contractor's own premises: **Nil.**
- Minimum amount for transit of materials to site: **Nil.**

8.6.5 Approval by Employer: At the end of the sub-clause, add the following paragraph:

"Except where otherwise provided in the Special Conditions of Contract, the insurance cover effected by the Contractor in terms of this clause shall not carry a first loss amount greater than those set out below:

Contract Price	First Loss
Less than R 100,000	R 5,000
R 100,000 to R 500,000	R 10,000
R 500,000 to R 1,000,000	R 20,000
R 1,000,000 to R 2,000,000	R 30,000
R 2,000,000 to R 4,000,000	R 40,000
Greater than R 4,000,000	R 50,000

The insurance policy shall contain a specific provision whereby cancellation of the policy prior to the end of the period referred to in Cause 8.2.1 cannot take place without the prior written approval of the Employer."

10.7.1 Failing ad-hoc adjudication, the determination of disputes shall be by arbitration.

C1.2.2.2 DATA TO BE PROVIDED BY CONTRACTOR

1.1.1.9 The legal name of Contractor is:

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1.2.1.2 The Physical address of the Contractor is:

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The Postal address of the Contractor is:

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The contact numbers of the Contractor are:

Telephone:

Fax:

The E-Mail address of the Contractor is:

.....

C1.2.3 ADDITIONAL CONDITIONS OF CONTRACT**C1.2.3.1 COMMUNITY LIAISON OFFICER**

The Ward Councillor(s) in whose ward(s) work is to be done will, collectively, identify a community liaison officer (CLO) for the project and make the person known to the Contractor within two days of being requested to do so. The Contractor will be required to enter a written contract with the CLO that specifies:

- The hours of work and the wage rate of the CLO (200% of the Civil Engineering Industry minimum wage).
- The duration of the appointment.
- The duties to be undertaken by the CLO which could include:
 - Assisting in all respects relating to the recruitment of local labour.
 - Acting as a source of information for the community and councillors on issues related to the contract.
 - Keeping the Contractor advised on community issues and issues pertaining to local security.
 - Assisting in setting up any meetings or negotiations with affected parties.
 - Keeping a written record of any labour or community issue that may arise.
 - Any other duties that may be required by the Contractor.

Responsibility for the identification of a pool of suitable labour shall rest with the CLO, although the Contractor shall have the right to choose from that pool. The Contractor shall have the right to determine the total number labourers required at any one time and this may vary during the contract. The Contractor shall have the right to replace labour that is not performing adequately. Should such occasion arise, it must be done in conjunction with the CLO.

This will be undertaken at the Contractors own cost, which must be included in the rates, if required.

C1.2.3.2 EMPLOYMENT OF LOCAL LABOUR

It is a condition of contract that the contractor will be required to employ local labour as specified in eThekweni Council Policy "The use of CLOs and Local Labour". The contractor will be required to ensure that a minimum of 50% of the labour force is made up of local labour. For the purposes of this contract, "Local labour" will be deemed to be any **persons who reside within All Ward(s)**. The contractor will be required to provide proof of authenticity of local labour. Signed confirmation by the appointed CLO will suffice for this.

No additional costs will be entertained due to this Particular Specification. The contractor will remain responsible for providing proper supervision of all labour and will be responsible for the quality of work produced.

C1.2.3.3 CONTRACTOR PARTICIPATION GOAL (CPG)

It is a condition of contract that the Managing Contractor must allow for a minimum of **30%** of the contract value (excluding PC Sum items and Fixed Cost allowances) to be subcontracted to contractors who are **BLACK OWNED COMPANIES** (these Sub-Contractors are known as CPG Partners). The sub-contracting companies must be procured locally (within the relevant Ward/s) at the location of the work/s to be undertaken. The Sub-Contracting companies must have the minimum relevant CIDB grading and qualification for the work/s required. It is a condition of contract that the Managing Contractor must prove that the Sub-Contractor has the minimum CIDB grading and qualification for the work assigned to the Sub-Contractor by the Managing Contractor. Proof of payment to the subcontractors will be required to verify that the minimum has been achieved.

The penalty for not achieving the specified CPG will be 0.5% of the contract value (excluding PC Sum items and Fixed Cost allowances) for every 1% of CPG not achieved.

C1.2.3.4 FTE (Full Time Equivalent) EMPLOYMENT INFORMATION

It is a condition of contract that the Contractor supplies the Employer's Agent's Representative with information in respect of the employment of all foremen, artisans and labour (skilled and unskilled) employed to work on this contract. The information required is:

- Initials (per ID doc)
- Last Name (per ID doc)
- ID Number
- Disability (y / n)
- Education Level

Level 1 Unknown	Level 2 No Schooling	Level 3 Grade 1-3	Level 4 Grade 4	Level 5 Grade 5-6
Level 6 Grade 7-8	Level 7 Grade 9	Level 8 Grade 10-11	Level 9 Grade 12	Level 10 Post Matric
Category A: Employed as Local Labour for this contract only Category B: Temporarily employed by the Contractor Category C: Permanently employed by the Contractor				

- Category of Employment

In addition, the following information is required in respect of each person listed above, on a monthly basis:

- Number of days worked during the month;
- Daily wage rate;
- Number of training days during the month.

The information is to be forwarded in a format acceptable to the Employer's Agent's Representative, but preferably in the form of an emailed EXCEL file (an original file, to be used as a template, will be issued to the Contractor). Contractors without computer facilities will be required to submit a hard copy of the information in a format as agreed to between the Contractor and the Employer's Agent's Representative.

In addition to the tax invoice, to be submitted by the Contractor with his monthly statement, mentioned in Clause 6.10.4 of GCC 2015, the Employer reserves the right to withhold payment until the monthly FTE information has been forwarded to the Employer's Agent's Representative. No additional payment for complying with the above will be made and the Contractor is to make allowance for complying through the time related P & G items (sum) under Part AA: Preliminaries, of the Bill of Quantities.

C1.2.3.5 PERFORMANCE MONITORING OF SERVICE PROVIDERS

[For contract awards over R10m] The Contractor shall be subjected to "Performance Monitoring" assessments in terms of the applicable Section (S.53) of the Employer's Supply Chain Management Policy. Key Performance Indicators (KPIs) are specified in the C3: Scope of Works, or will be discussed and agreed with the Contractor before commencement of the contract.

C1.2.3.6 EXCEPTED RISKS (Clause 8.3)

Pursuant to Clause 8.3 of the Conditions of Contract (GCC 2015), the Employer shall not be liable for the payment of standing time costs as a result of the occurrence of any of the "Excepted Risks" as defined under Clause 8.3.

However, the Employer shall reimburse the Contractor in respect of plant de-establishment and re-establishment costs as a result of "Excepted risks" when a written instruction to de-establish is issued to the Contractor.

C1.2.3.7 DISQUALIFICATIONS

Any form of collusion, corruption or bribery between the Main Contractor, sub-contractors and eThekweni staff will immediately result in the main contractor being disqualified and the contract deemed null and void.

C1.2.3.8 CPG Partner Utilisation

The Managing Contractor must ensure the equitable distribution of work amongst the available Sub-Contractor/s within a given ward. It is a condition of contract that the Managing Contractor produces an equitable work distribution report per ward on a quarterly basis. The report at minimum must include the following information:

- Statics (works completed, incomplete, redirected, durations, locations, infrastructure size and composition, etc.)
- Trend Analysis (frequencies, hot spots, types of repairs, etc.)
- Recommendations
- Summary of the expenditure analysis
- Summary of the CPG distribution for work and cost

C1.2.3.9 Credit Access Commitment

Tenderers are to provide a letter/s of commitment to the value of a minimum of R 8 million. The letter of commitment could take the following form:

- a. Bank Guarantee
- b. Line of Credit from Supplier

C1.2.3.10 Plant, Equipment and Material Undertaking

Tenderers are to provide an undertaking for the continued access to Plant, Equipment and Material. These resources must be made available to the CPG Partners (locally sourced – work/s with the Ward/s), for work/s related to this contract.

C1.2.3.11 Segregation of Functions

The following will be the workflow associated with this contract:

- All jobs will be created by eThekweni Municipality's, Water and Sanitation Unit, Sanitation Operations staff
- All jobs can only be authorized by the relevant eThekweni Municipality's, Water and Sanitation Unit, Sanitation Operation's: Area Engineer
- The Managing Contractor will undertake the job upon receipt of an email from the relevant eThekweni Municipality's, Water and Sanitation Unit, Sanitation Operation's: Area Engineer. The email must include the following minimum information:
 - Picture of the job - must suitably identify the job
 - GPS co-ordinates of job
 - Date the picture was taken
 - Unique Fault number
- Upon receipt of the job information the Managing Contractor will:
 - Go to job site
 - Engage with the local stakeholders (inclusive of local Sub-Contractors)
- The Managing Contractor will scope the work to be performed after the job site visit. The Managing Contractor will locally source the relevant Sub-Contractor with the relevant CIDB grading and qualifications
- The Managing Contractor and/or Sub-Contractor will complete the job
- After job is completed the Managing Contractor will send the invoice to the relevant eThekweni Municipality's, Water and Sanitation Unit, Sanitation Operation's: Area Engineer. The invoice will include the following minimum info:
 - Unique Fault number
 - Job initiation photo (was received from the Area Engineer)
 - Fault completion photo, which must include the GPS co-ordinates and date

- Name of the Sub-Contractor/s
 - CIDB grading of Sub-Contractor/s
 - Qualification of Sub-Contractor/s
 - Value to be paid to the Sub-Contractor/s, after invoice approval
 - Upstream and Downstream manhole number
 - Plant and/or Equipment utilized
 - Details of the repair
 - Municipality Representative for the Work
- Upon receipt of the invoice the relevant eThekweni Municipality's, Water and Sanitation Unit, Sanitation Operation's: Area Engineer will verify the completion of the job and the details within the invoice.
 - The relevant eThekweni Municipality's, Water and Sanitation Unit, Sanitation Operation's: Area Engineer will then send the verified invoice for payment authorization to the Project Manager.

C2.1: PRICING ASSUMPTIONS / INSTRUCTIONS

C2.1.1 GENERAL

The Bill of Quantities forms part of the Contract Documents and must be read and priced in conjunction with all the other documents comprising the Contract Documents (refer to F.1.2 of the Tender Data).

C2.1.2 PRICING INSTRUCTIONS AND DESCRIPTION OF ITEMS IN THE SCHEDULE

Measurement and payment shall be in accordance with the relevant provisions of Clause 8 of each of the Standard Engineering Specifications referred to in the Scope of Work. The Preliminary and General items shall be measured in accordance with the provisions of C2.1.8.

The descriptions of the items in the Bill of Quantities are for identification purposes only and comply generally with those in the Standard Engineering Specification.

Clause 8 of each Standard Engineering Specification, read together with the relevant clauses of the Scope of the works, set out what ancillary or associated work and activities are included in the rates for the operations specified. Should any requirements of the measurement and payment clause of the applicable Standard Engineering Specification, or the Scope of the works, conflict with the Bill of Quantities, the requirements of the Standard Engineering Specification or Scope of the work, as applicable, shall prevail.

C2.1.3 QUANTITIES REFLECTED IN THE SCHEDULE

The quantities given in the Bill of Quantities are estimates only, and subject to re-measuring during the execution of the work. The Contractor shall obtain the Employer's Agent's detailed instructions for all work before ordering any materials or executing work or making arrangements for it.

The Works as finally completed in accordance with the Contract shall be measured and paid for as specified in the Bill of Quantities and in accordance with the General and Special Conditions of Contract, the Specifications and Project Specifications and the Drawings. Unless otherwise stated, items are measured

net in accordance with the Drawings, and no allowance has been made for waste.

The validity of the contract will in no way be affected by differences between the quantities in the Bill of Quantities and the quantities finally certified for payment.

C2.1.5 MONTHLY PAYMENTS

Unless otherwise specified in the Specifications and Project Specifications, progress payments in Interim Certificates, referred to in Clause 6.10.1 of the General Conditions of Contract, in respect of "sum" items in the Bill of Quantities shall be by means of interim progress instalments assessed by the Employer's Agent and based on the measure in which the work actually carried out relates to the extent of the work to be done by the Contractor.

C2.1.4 PROVISIONAL SUMS / PRIME COST SUMS

Where Provisional Sums or Prime Cost sums (PC Sum) are provided for items in the Bill of Quantities, payment for the work done under such items will be made in accordance with Clause 6.6 of the General Conditions of Contract. The Employer reserves the right, during the execution of the works, to adjust the stated amounts upwards or downwards according to the work actually done under the item, or the item may be omitted altogether, without affecting the validity of the Contract.

The Tenderer shall not under any circumstances whatsoever delete or amend any of the sums inserted in the "Amount" column of the Bill of Quantities and in the Summary of the Bill of Quantities unless ordered or authorized in writing by the Employer before closure of tenders. Any unauthorized changes made by the Tenderer to provisional items in the schedule, or to the provisional percentages and sums in the Summary of the Bill of Quantities, will be treated as arithmetical errors.

C2.1.6 PRICING OF THE BILL OF QUANTITIES

The prices and rates to be inserted by the Tenderer in the Bill of Quantities shall be the full inclusive prices to be paid by the Employer for the work described under

the several items, and shall include full compensation for all costs and expenses that may be required in and for the completion and maintenance during the defects liability period of all the work described and as shown on the drawings as well as all overheads, profits, incidentals and the cost of all general risks, liabilities and obligations set forth or implied in the documents on which the Tender is based.

Each item shall be priced and extended to the "Total" column by the Tenderer, with the exception of the items for which only rates are required (Rate Only), or items which already have Prime Cost or Provisional Sums affixed thereto. If the Contractor omits to price any items in the Bill of Quantities, then these items will be considered to have a nil rate or price.

All items for which terminology such as "inclusive" or "not applicable" have been added by the Tenderer will be regarded as having a nil rate which shall be valid irrespective of any change in quantities during the execution of the Contract.

All rates and amounts quoted in the Bill of Quantities shall be in Rands and Cents and shall include all levies and taxes (other than VAT). VAT will be added in the Summary of the Bill of Quantities.

C2.1.7 "RATE ONLY" ITEMS

The Tenderer shall fill in rates for all items where the words "Rate Only" appear in the "Total" column. "Rate Only" items have been included where:

- (a) an alternative item or material is contemplated;
- (b) variations of specified components in the make-up of a pay item may be expected; and
- (c) no work under the item is foreseen at tender stage but the possibility that such work may be required is not excluded.

For "Rate Only" items no quantities are given in the "Quantity" column but the quoted rate shall apply in the event of work under this item being required. The Tenderer shall however note that in terms of the

Tender Data the Tenderer may be asked to reconsider any such rates which the Employer may regard as unbalanced.

C2.1.8 PRELIMINARY AND GENERAL

The Preliminary and General Section is provided to cover the Contractor's expenses incurred in complying with the requirements of the tender documents and consists of the following parts:

- Part AA: Preliminaries
- Part AB: General Specifications
- Part AH: Occupational Health and Safety

Fixed Charge Items: Each item should be priced separately and, subject to the Engineer certifying in terms of Clause 6.7 of the General Conditions of Contract that the work has been done, payment will be made as follows:

- (i) the total amount due when the certified value fixed charge items in this section is less than 5% of the net contract price;
- (ii) when the certified value of fixed charge items in this section is greater than 5% of the net contract price, payment will be limited to 5% of the net contract price. The remainder will be paid when the value of the work done under the contract, excluding the value of fixed charge items in this section, is greater than 50% of the net contract price, excluding the value of fixed charge items in this section.

Time Related Items: Any Time Related items not priced shall be deemed to be covered by the prices of other items in the section.

Payment of Time Related items in this section will be made throughout the contract period, the amount per month being the value of the item divided by the completion in months or, if specified in weeks, the equivalent number of months, in terms of Clause 5.5 of the General Conditions of Contract. The final monthly increment will only be paid upon the issue of a completion certificate.

C2.2: BILL OF QUANTITIES

The Bill of Quantities follows and comprises of 12 pages. The pages are numbered 57 to 69.

The Tenderer must provide a rate and percentage per line item which is fully encompassing of all mandatory, procedural, lawful, effective, and efficient requirements to undertake the line item and/or job with no reservations

Note:

The Management Percentage within the Bill of Quantities is the management fee the Contractor is charging for complete administration and quality assurance for the work.

C2.2: BILL OF QUANTITIES

Item No	Payment Reference	Description	Unit	Rate
Part 1	Time Related			
1.1	Professional Services			
1.1.1	S 1	Civil Engineering Professional	Hour	R —
1.1.2	S 2	Civil Technician	Hour	R —
1.1.3	S 3	Geotechnical Engineering Professional	Hour	R —
1.1.4	S 4	Quantity Surveyor	Hour	R —
1.1.5	S 5	Administrator	Hour	R —
1.1.6	S 6	Clerk of Works	Hour	R —
1.1.7	S 7	Draughtsman	Hour	R —
1.2	Plant and Equipment			
1.2.1	S 8	TLB	Daily	R —
1.2.2	S 9	Tipper Truck	Daily	R —
1.2.3	S 10	Van	Daily	R —
1.2.4	S 11	Excavator – EX200	Daily	R —
1.2.5	S 12	Bomag	Daily	R —
1.2.6	S 13	Wacker	Daily	R —
1.3	Office and Reports			
1.3.1	S 14	Office and disbursements	Daily	R —
1.3.2	S 15	Work Completion Report	Report	R —
1.3.3	S 16	Quarterly Report	Report	R —
<u>Sub-Total</u> (transferred sub-total to Page 69)			R	—

Item No	Payment Reference	Description	Unit	Rate
Part 2	Pipe Repairs			
2.1	160 mm Ø uPVC Pipe Repairs			
2.1.1	S 17	Depth range: 0 m to < 1,5 m	m	R —
2.1.2	S 18	Depth range: ≥ 1,5 m to < 2,5 m	m	R —
2.1.3	S 19	Depth range: ≥ 2,5 m to < 5 m	m	R —
2.1.4	S 20	Depth range: ≥ 5 m to ≤ 10 m	m	R —
2.2	200 mm Ø uPVC Pipe Repairs			
2.2.1	S 21	Depth range: 0 m to < 1,5 m	m	R —
2.2.2	S 22	Depth range: ≥ 1,5 m to < 2,5 m	m	R —
2.2.3	S 23	Depth range: ≥ 2,5 m to < 5 m	m	R —
2.2.4	S 24	Depth range: ≥ 5 m to ≤ 10 m	m	R —
2.3	250 mm Ø uPVC Pipe Repairs			
2.3.1	S 25	Depth range: 0 m to < 1,5 m	m	R —
2.3.2	S 26	Depth range: ≥ 1,5 m to < 2,5 m	m	R —
2.3.3	S 27	Depth range: ≥ 2,5 m to < 5 m	m	R —
2.3.4	S 28	Depth range: ≥ 5 m to ≤ 10 m	m	R —
Balance to be taken Forward				R —

Balance brought Forward				R	—
Item №	Payment Reference	Description	Unit	Rate	
2.4	315 mm Ø uPVC Pipe Repairs				
2.4.1	S 29	Depth range: 0 m to < 1,5 m	m	R	—
2.4.2	S 30	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.4.3	S 31	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.4.4	S 32	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.5	400 mm Ø uPVC Pipe Repairs				
2.5.1	S 33	Depth range: 0 m to < 1,5 m	m	R	—
2.5.2	S 34	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.5.3	S 35	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.5.4	S 36	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.6	450 mm Ø uPVC Pipe Repairs				
2.6.1	S 37	Depth range: 0 m to < 1,5 m	m	R	—
2.6.2	S 38	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.6.3	S 39	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.6.4	S 40	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.7	500 mm Ø uPVC Pipe Repairs				
2.7.1	S 41	Depth range: 0 m to < 1,5 m	m	R	—
2.7.2	S 42	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.7.3	S 43	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.7.4	S 44	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
Balance brought Forward				R	—

Balance brought Forward				R	—
Item №	Payment Reference	Description	Unit	Rate	
2.8	300 mm Ø Concrete Pipe Repairs				
2.8.1	S 45	Depth range: 0 m to < 1,5 m	m	R	—
2.8.2	S 46	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.8.3	S 47	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.8.4	S 48	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.9	450 mm Ø Concrete Pipe Repairs				
2.9.1	S 49	Depth range: 0 m to < 1,5 m	m	R	—
2.9.2	S 50	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.9.3	S 51	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.9.4	S 52	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.10	525 mm Ø Concrete Pipe Repairs				
2.10.1	S 53	Depth range: 0 m to < 1,5 m	m	R	—
2.10.2	S 54	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.10.3	S 55	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.10.4	S 56	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
Balance to be taken Forward				R	—

Balance brought Forward				R	—
Item №	Payment Reference	Description	Unit	Rate	
2.11	750 mm Ø Concrete Pipe Repairs				
2.11.1	S 57	Depth range: 0 m to < 1,5 m	m	R	—
2.11.2	S 58	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.11.3	S 59	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.11.4	S 60	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.12	900 mm Ø Concrete Pipe Repairs				
2.12.1	S 61	Depth range: 0 m to < 1,5 m	m	R	—
2.12.2	S 62	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.12.3	S 63	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.12.4	S 64	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.13	1 050 mm Ø Concrete Pipe Repairs				
2.13.1	S 65	Depth range: 0 m to < 1,5 m	m	R	—
2.13.2	S 66	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.13.3	S 67	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.13.4	S 68	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.14	1 125 mm Ø Concrete Pipe Repairs				
2.14.1	S 69	Depth range: 0 m to < 1,5 m	m	R	—
2.14.2	S 70	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.14.3	S 71	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.14.4	S 72	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
Balance brought Forward				R	—

Balance brought Forward				R	—
Item №	Payment Reference	Description	Unit	Rate	
2.15	160 mm Ø Steel Pipe Repairs				
2.15.1	S 73	Depth range: 0 m to < 1,5 m	m	R	—
2.15.2	S 74	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.15.3	S 75	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.15.4	S 76	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.16	200 mm Ø Steel Pipe Repairs				
2.16.1	S 77	Depth range: 0 m to < 1,5 m	m	R	—
2.16.2	S 78	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.16.3	S 79	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.16.4	S 80	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.17	250 mm Ø Steel Pipe Repairs				
2.17.1	S 81	Depth range: 0 m to < 1,5 m	m	R	—
2.17.2	S 82	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.17.3	S 83	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.17.4	S 84	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
Balance to be taken Forward				R	—

Balance brought Forward				R	—
Item №	Payment Reference	Description	Unit	Rate	
2.18	300 mm Ø Steel Pipe Repairs				
2.18.1	S 85	Depth range: 0 m to < 1,5 m	m	R	—
2.18.2	S 86	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.18.3	S 87	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.18.4	S 88	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.19	400 mm Ø Steel Pipe Repairs				
2.19.1	S 89	Depth range: 0 m to < 1,5 m	m	R	—
2.19.2	S 90	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.19.3	S 91	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.19.4	S 92	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.20	450 mm Ø Steel Pipe Repairs				
2.20.1	S 93	Depth range: 0 m to < 1,5 m	m	R	—
2.20.2	S 94	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.20.3	S 95	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.20.4	S 96	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.21	600 mm Ø Concrete Pipe Repairs				
2.21.1	S 97	Depth range: 0 m to < 1,5 m	m	R	—
2.21.2	S 98	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.21.3	S 99	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.21.4	S 100	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
Balance brought Forward				R	—

Balance brought Forward				R	—
Item №	Payment Reference	Description	Unit	Rate	
2.22	750 mm Ø Steel Pipe Repairs				
2.22.1	S 101	Depth range: 0 m to < 1,5 m	m	R	—
2.22.2	S 102	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.22.3	S 103	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.22.4	S 104	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.23	900 mm Ø Steel Pipe Repairs				
2.23.1	S 105	Depth range: 0 m to < 1,5 m	m	R	—
2.23.2	S 106	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.23.3	S 107	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.23.4	S 108	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.24	1 000 mm Ø Steel Pipe Repairs				
2.24.1	S 109	Depth range: 0 m to < 1,5 m	m	R	—
2.24.2	S 110	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.24.3	S 111	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.24.4	S 112	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
2.25	1200 mm Ø Steel Pipe Repairs				
2.25.1	S 113	Depth range: 0 m to < 1,5 m	m	R	—
2.25.2	S 114	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.25.3	S 115	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.25.4	S 116	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
Balance brought Forward				R	—

Balance brought Forward				R	—
Item №	Payment Reference	Description	Unit	Rate	
2.26	1 500 mm Ø Steel Pipe Repairs				
2.26.1	S 117	Depth range: 0 m to < 1,5 m	m	R	—
2.26.2	S 118	Depth range: ≥ 1,5 m to < 2,5 m	m	R	—
2.26.3	S 119	Depth range: ≥ 2,5 m to < 5 m	m	R	—
2.26.4	S 120	Depth range: ≥ 5 m to ≤ 10 m	m	R	—
<u>Sub-Total</u> (transferred sub-total to Page 69)				R	—

Item №	Payment Reference	Description	Unit	Rate
Part 3	Dewatering, Over-Pumping and Bagging			
3.1	Dewatering			
3.1.1	S 121	Dewatering	Daily	R —
3.2	Over-Pumping			
3.2.1	S 122	Over pumping	Daily	R —
3.3	Bagging			
3.3.1	S 123	Bagging: 100 mm Ø to < 450 mm Ø	Daily	R —
3.3.2	S 124	Bagging: ≥ 450 mm Ø to < 750 mm Ø	№	R —
3.3.3	S 125	Bagging: ≥ 750 mm Ø to < 1 500 mm Ø	№	R —
<u>Sub-Total</u> (transferred sub-total to Page 69)				R —

Item №	Payment Reference	Description	Unit	Rate
Part 4	Manhole Repairs			
4.1	1 000 mm Ø Concrete Manhole Repairs			
4.1.1	S 126	Ring height: 250 mm	№	R —
4.1.2	S 127	Ring height: 500 mm	№	R —
4.1.3	S 128	Ring height: 750 mm	№	R —
4.1.4	S 129	Ring height: 1 000 mm	№	R —
4.2	1 500 mm Ø Concrete Manhole Repairs			
4.2.1	S 130	Ring height: 250 mm	№	R —
4.2.2	S 131	Ring height: 500 mm	№	R —
4.2.3	S 132	Ring height: 750 mm	№	R —
4.2.4	S 133	Ring height: 1 000 mm	№	R —
Sub-Total (transferred sub-total to Page 69)				R —

Item №	Payment Reference	Description	Unit	Rate
Part 5	Ancillary Works			
5.1	S 134	Installation of Gabions	m³	R —
5.2	S 135	Import of Material	m³	R —
5.3	S 136	Disposal of Material/sanitation infrastructure	m³	R —
Sub-Total (transferred sub-total to Page 69)				R —

Item No	Payment Reference	Description	Unit	Rate
Part 6	Pipe Bridge Repairs - Column			
6.1	1 000 mm Ø Concrete Column Repairs			
6.1.1	S 137	Column Base (Drilled to bed rock – suitable depth, steel anchored into bed rock with marine epoxy and concrete where necessary)	No	R —
6.1.2	S 138	Ring height: 250 mm (fill with concrete and steel)	No	R —
6.1.3	S 139	Ring height: 500 mm (fill with concrete and steel)	No	R —
6.1.4	S 140	Ring height: 750 mm (fill with concrete and steel)	No	R —
6.1.5	S 141	Ring height: 1 000 mm (fill with concrete and steel)	No	R —
6.2	1 500 mm Ø Concrete Column Repairs			
6.2.1	S 142	Column Base (Drilled to bed rock – suitable depth, steel anchored into bed rock with marine epoxy and concrete where necessary)	No	R —
6.2.2	S 143	Ring height: 250 mm (with will concrete and steel)	No	R —
6.2.3	S 144	Ring height: 500 mm (fill with concrete and steel)	No	R —
6.2.4	S 145	Ring height: 750 mm (fill with concrete and steel)	No	R —
6.2.5	S 146	Ring height: 1 000 mm (fill with concrete and steel)	No	R —
Sub-Total (transferred sub-total to Page 69)				R —

Item No	Payment Reference	Description	Unit	Rate
Part 7	Pipe Encasement Repairs			
7.1	S 147	160 mm Ø	m	R —
7.2	S 148	200 mm Ø	m	R —
7.3	S 149	250 mm Ø	m	R —
7.4	S 150	300 mm Ø	m	R —
7.5	S 151	400 mm Ø	m	R —
7.6	S 152	450 mm Ø	m	R —
7.7	S 153	600 mm Ø	m	R —
7.8	S 154	750 mm Ø	m	R —
7.9	S 155	900 mm Ø	m	R —
7.10	S 156	1 000 mm Ø	m	R —
7.11	S 157	1 200 mm Ø	m	R —
7.12	S 158	1 500 mm Ø	m	R —
<u>Sub-Total</u> (transferred sub-total to Page 69)				R —

Summary of Bill of Quantities		
Part One	Professional Services	R -
Part Two	Pipe Repairs	R -
Part Three	Dewatering, Over-Pumping and Bagging	R -
Part Four	Manhole Repairs	R -
Part Five	Ancillary Works	R -
Part Six	Pipe Bridge Repairs – Column	R -
Part Seven	Pipe Encasement Repairs Pipe Encasement Repairs	R -
<u>Final Total (Rate Value)</u>		R -

Note: The Managing Contractor Fee (percentage) is the handling fee that the Managing Contractor charges for the execution of the Sub-Contractors work. The Managing Contractor charge is calculated by the Managing Contractor Fee multiplied by the total cost of the Sub-Contractors invoice per job completed.

Managing Contractor Fee: _____%

Weighted Average Rate Calculation

No	(1)	(2)	(3)	(4)	(5)
Tenderer Average Bill of Quantities Rate	Final Total - Rate Value	Number of Line Items	Tenderers Average Rate (1) ÷ (2)	Managing Contractor Fee	Weighted Average Rate (3) x (4) (Carried forward to Form of Offer - Page 42)
	R -	158	R -	%	R -

PART C3: SCOPE OF WORK

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C3.1: PROJECT DESCRIPTION AND SCOPE OF CONTRACT

C3.1.1 Description of Works

The Sanitation Operations Department of the eThekweni Municipality, Water and Sanitation Unit services an area of approximately 2300 km² (which is divided into the Northern, Central, Western and Southern Areas) providing water-borne sanitation through a network infrastructure made up of gravity and pressurised sewer pipeline, manholes and pump stations, which requires regular upkeep and maintenance.

C3.1.2 Description of Site and Access

Work required to be undertaken will only be located within the boundaries of eThekweni Municipality. (Refer to Item C4.1: Locality Sketch - eThekweni Municipality Southern Sanitation Zone). Access to the individual sites is expected to vary significantly (easy access or difficult locations) over varying distances. The working distance for Works will be from the Southern Sanitation Operations Depot and thereafter from the respective site to the next/new site. (Refer to Item C4.1: Locality Sketch – eThekweni Municipality Southern Sanitation Zone). The Southern Sanitation Operations Depot address is: 1 Citrus Grove, Isipingo

C3.1.3 Scope of Work

eThekweni Municipality (Water and Sanitation Unit: Sanitation Operations Department) requires the Managing Contractor to undertake the City's sewer pipe repair and maintenance program, for a period of 36 months, which will be as and when required. Raw sewerage is classified as a hazardous material and requires immediate attention and intervention to restore the sanitation network, back to full operational status.

The type and volume of work required and expected, necessitates the Contractor to ensure that his/her staff are competent in dealing with working in conditions with live sewer flows, various pipe composition and pipe fittings, various pipe size and pipe fittings, various pipe depth range (inclusive of shoring as per regulation), various manhole composition, various manhole size, various manhole depths (inclusive of shoring as per regulation), pipe and manhole location (water courses, road reserves, road carriage ways, river beds, river crossings, pipe bridges), over pumping, diversions, bypass, bagging and infrastructure conditional assessment, in one, more or a combination of the works listed below; in addition, take into account the various avoidable and unavoidable constraints (confined spaces, private property, protest action, traffic volumes, site conditions, existing services, theft, mining, vandalism and Acts of God).

The type of work required and expected (includes but not limited to), for sanitation works are:

- Repair and/or maintenance to general reticulation of gravity mains,
- Repair and/or maintenance sewer connections
- Repair and/or maintenance trunk mains
- Repair and/or maintenance rising mains
- Repair and/or maintenance pipe bridges
- Repair and/or maintenance pipe bridge columns
- Repair and/or maintenance sewer pipe encasements
- Repair and/or maintenance of manholes
- Repair and/or maintenance of gabions
- Dewatering, over-pumping and/or bagging
- Installation of shoring and site safety
- Import of selected material and/or the disposal of spoil and/or damage infrastructure

The work required to be undertaken as follows:

- All jobs will be created by eThekwini Municipality's, Water and Sanitation Unit, Sanitation Operations staff
- All jobs can only be authorized by the relevant eThekwini Municipality's, Water and Sanitation Unit, Sanitation Operation's: Area Engineer
- The Managing Contractor will undertake the job upon receipt of an email from the relevant eThekwini Municipality's, Water and Sanitation Unit, Sanitation Operation's: Area Engineer. The email must include the following minimum information:
 - Picture of the job - must suitably identify the job
 - GPS co-ordinates of job
 - Date the picture was taken
 - Unique Fault number
- Upon receipt of the job information the Managing Contractor will:
 - Go to job site
 - Engage with the local stakeholders (inclusive of local Sub-Contractors)
- The Managing Contractor will scope the work to be performed after the job site visit. The Managing Contractor will locally source the relevant Sub-Contractor with the relevant CIDB grading and qualifications
- The Managing Contractor and/or Sub-Contractor will complete the job
- After job is completed the Managing Contractor will send the invoice to the relevant eThekwini Municipality's, Water and Sanitation Unit, Sanitation Operation's: Area Engineer. The invoice will include the following minimum info:
 - Unique Fault number
 - Job initiation photo (was received from the Area Engineer)
 - Fault completion photo, which must include the GPS co-ordinates and date
 - Name of the Sub-Contractor/s
 - CIDB grading of Sub-Contractor/s
 - Qualification of Sub-Contractor/s
 - Value to be paid to the Sub-Contractor/s, after invoice approval
 - Upstream and Downstream manhole number
 - Plant and/or Equipment utilized
 - Details of the repair
 - Municipality Representative for the Work
- Upon receipt of the invoice the relevant eThekwini Municipality's, Water and Sanitation Unit, Sanitation Operation's: Area Engineer will verify the completion of the job and the details within the invoice.
- The relevant eThekwini Municipality's, Water and Sanitation Unit, Sanitation Operation's: Area Engineer will then send the verified invoice for payment authorization to the Project Manager

Post the initial work assessment, the Contractor will have his/her key staff (civil engineer, civil technician, geotechnical engineering, clerk of works, quantity surveyor, administrator, and/or draughtsman) undertake site visits and assessments (before, during and post work completion), create the specification, designs, drawings, timelines and financial implications of the work and monitor and assess the work undertaken by the CPG Partner/s. The Contractor will distribute the work to the CPG Partner/s, with the specification, designs, drawings, cost and timeline with milestones. The Contractor will undertake regular site visits and assessments, to ensure the work is completed as per the specification, standards and safety factors. The Contractor shall maintain a digital photographic record of work undertaken, which are to be taken "before, during and after", such that's, each photo is clearly referenced by consistent file naming, in accordance with the

sanitation infrastructure and the dates and time(s) of works. All photographs contain location specific metadata (GPS location). These photographic records shall be stored and if a digital copy is required will be delivered as and when required.

The Managing Contractor must produce a Quarterly Report, which must contain the following information:

- Statics (works completed, incomplete, redirected, durations, locations, infrastructure size and composition, etc.)
- Analysis (frequencies, hot spots, types of repairs, etc.)
- Recommendations
- Summary of the expenditure analysis
- Summary of the CPG distribution for work and cost
- Summary of the contingency utilization

The Contractor will create and manage a comprehensive register of documents that will be generated throughout the Contract including all documents and all reports. The Contractor shall institute the quality control system and provide suitably qualified and experienced staff, transport, and equipment to ensure adequate supervision and positive control of the works at all times. The Contractor will create and submit a progress report, to the Employer to assist with the ease of communication, information processing and data handling; such that, the Contractor handles all the documentation that is used and produces in relation to this contract in a suitable document control system that ensures that all documents are appropriately recorded, filed, and transmitted. The Contractor submits all documentation in accordance with the Employer document control procedure, as may be instructed from time to time, including the completion of any standard forms or templates as may be required by the Employer. All documentation prepared for and during this contract shall become the property of the Employer at the completion of the contract.

The Contractor will assess the amount due and submits to the Employer for payment. The Contractor applies for payment with the submission of a claim on completion of the work. He prepares at his own cost a detailed schedule of work undertaken up to the chosen date (successful Contractor to discuss with Employer) and submits this to the Employer, including details of the Bill of Quantities, rates, percentage and actual quantities of services provided, as may be relevant, along with any supporting or back-up documentation as may be requested by the Employer from time to time.

The Contractor shall at his own cost a detailed invoice of all work undertaken and submit this to the Employer. The Contractor shall submit to the Employer certified schedules for each section of work, along with any supporting or back-up documentation as may be requested by the Employer from time to time. These submissions must be made in the formats prescribed by the Employer, which may vary from time to time. Any failure to submit the required claim information by the agreed date will result in the assessment by the Employer being held until the correct submission of the required information. These assessments shall not be regarded as late, and interest shall not be applicable. The invoice must correspond to the Employers assessment (Northern Area Engineer, will have his own assessment of the work undertaken by his representative, who will take photographs which contain location specific metadata - GPS location) of the amount due to the Contractor as stated in the invoice.

It is the responsibility of the Managing Contractor to continuously ensure that the financial authority for the give financial year is not exceeded.

Following approval or correction of any wrongly assessed amount by the Contractor (i.e., the Employer's assessment), the Employer will notify the Contractor of the amount to be paid and

issue a payment certificate accordingly. The Contractor will submit an invoice matching the payment certificate amount and date, which includes the following information, which may be varied from time to time by the Employer:

- Name and address of the Managing Contractor
- Contract number and title
- Contractor's VAT registration number
- Employer's VAT registration number 488 0193 505
- Total of each item in the Bill of Quantities which the Contractor has completed
- Other amounts to be paid to the Managing Contractor
- VAT and total including VAT
- With all amounts corresponding to the assessment certificate issued by the Employer

Any form of collusion, corruption or bribery between the Managing Contractor, Sub-Contractors and eThekweni staff will immediately result in the Managing Contractor being disqualified and the contract deemed null and void.

C3.2: PROJECT SPECIFICATION**PREAMBLE**

In the event of any discrepancy between a part or parts of the Standard or Particular Specifications and the Project Specification, the Project Specification shall take precedence. In the event of a discrepancy between the Specifications, (including the Project Specifications) and the drawings and / or the Bill of Quantities, the discrepancy shall be resolved by the Employer's Agent before the execution of the work under the relevant item.

C3.2.1 GENERAL**PS.1 PROGRAMME, METHOD OF WORK, AND ACCOMMODATION OF TRAFFIC**

This Clause is to be read in conjunction with the provisions and obligations as contained in SANS 1921-1 and SANS 1921-2.

PS.1.3 Requirements for Accommodation of Traffic**PS.1.3.1 General**

Accommodation of traffic, where applicable, shall comply with SANS 1921-2: 2004: Construction and Management Requirements for Works Contracts, Part 2: Accommodation of Traffic on Public Roads occupied by the Contractor. The Contractor shall obtain this specification from Standards South Africa if accommodation of traffic will be involved on any part of the construction works.

Clause 4.10.4 of SANS 1921-2: 2004 shall be replaced with the following:

"Road signs and markings shall comply with the requirements of the "SADC Road Traffic Signs Manual - Volume 2: Roadworks Signing".

PS.1.3.2 Basic Requirements

The travelling public shall have the right of way on public roads, and the Contractor shall make use of approved methods to control the movement of his equipment and vehicles so as not to constitute a hazard on the road. The Contractor shall ensure that all road signs, barricades, delineators, flagmen and speed controls are effective, and that courtesy is extended to the public at all times. Failure to maintain road signs, warning signs or flicker lights, etc, in a good condition shall constitute ample reason for the Employer's Agent to suspend the work until the road signs, etc, have been repaired to his satisfaction.

The Contractor may not commence constructional activities affecting existing roads before adequate provision has been made to accommodate traffic in accordance with the requirements of this document and the South African Road Traffic Signs Manual.

The Contractor shall construct and maintain all temporary drainage works necessary for temporary deviations. The Contractor shall ensure that the existing property accesses are maintained at all times. Where necessary the Contractor shall make allowance in the rates for completing the work required to the accesses out of normal hours.

PS.1.3.3 Traffic Safety Officer

Where warranted by traffic conditions on or near the site, the Contractor shall nominate a suitable member of his staff as traffic safety officer to be responsible for the arrangement and maintenance of all the measures for the accommodation of traffic for the duration of the project. Duties of the traffic safety officer shall be in compliance with the Occupational Health and Safety Act 1993 and the Construction Regulations 2014.

PS.1.3.4 Payment

The Contractor's tendered rates for the relevant items in the Bill of Quantities shall include full compensation for all possible additional costs which may arise from this, and no claims for extra payment due to inconvenience as a result of the modus operandi will be considered.

PS.1.3.5 Pedestrian Movement

The Contractor shall make provision for accommodating all pedestrian movements in the area of the works. Allowance shall be made in the relevant rates for any barricades and signs required.

PS.1.3.6 Temporary Reinstatement

Provided always that if in the course or for the purpose of the execution of the works or any part thereof any road or way shall have been broken up, then notwithstanding anything herein contained:

- (a) if the permanent reinstatement of such road or way is to be carried out by the appropriate authority or by some person other than the contractor (or any subcontractor to him), the contractor shall at his own cost and independently of any requirement of or notice from the Engineer be responsible for the making good of any subsidence or shrinkage or other defect, imperfection or fault in the temporary reinstatement of such road or way, and for the execution of any necessary repair or amendment thereof from whatever cause the necessity arises, until the end of the period of maintenance in respect of works beneath such road or way until the authority or other person as aforesaid shall have taken possession of the site for the purpose of carrying out permanent reinstatement (whichever is the earlier), and shall indemnify and save harmless that Council against and from any damage or injury to the Council or to third parties arising out of or in consequence of any neglect or failure of the Contractor to comply with the foregoing obligations or any of them and against and from all claims, demands, proceedings, damages, costs, charges and expenses whatsoever in respect thereof or in relation thereto.
- (b) where the authority or person as aforesaid shall take possession of the site as aforesaid in sections or lengths, the responsibility of the contractor under paragraph (a) of this sub-clause shall cease in regard to any such section or length at the time possession thereof is so taken, but shall during the continuance of the said period of maintenance continue in regard to any length of which possession has not been taken and the indemnity given by the contractor under the said paragraph shall be construed and have effect accordingly.

PS.2 SERVICES

This Clause is to be read in conjunction with the provisions and obligations as contained in SANS 1921-1 and SANS 1921-2.

PS.2.1 Existing Services

The Tenderer's attention is drawn to the numerous existing services in the area. Although every effort has been made to depict these services accurately the positions shown must be regarded as approximate.

PS.2.2 Proving Underground Services

This clause must be read in conjunction with Clause DB.5.1.2, the requirements of which shall be extended to cover all earthworks operations whether for trenching or bulk earthworks, in the vicinity of underground services.

It is stressed that all services in a particular area must be proven before commencing work in that area.

Insofar as bulk earthworks are concerned, where services are indicated on the drawings or where from site observations can reasonably be expected that such services are likely to exist where excavations are to take place, the Contractor shall without instructions from the Employer's Agent carefully excavate by hand to expose and prove their positions.

The cost of the proving trenches is to be included in the work covered by Clause DA.8.3.

When a service is not located in its expected position the Contractor shall immediately report such circumstances to the Employer's Agent who will decide what further searching or other necessary action is to be carried out and shall instruct the Contractor accordingly. The cost of this additional searching shall be to the Council's cost and shall be paid for under DB.8.19 - Proving Existing Services.

Should any service be damaged by the Contractor in carrying out the works and should it be found that the procedure as laid down in this clause has not been followed then all costs in connection with the repair of the service will be to the Contractor's account.

When electrical cables are not in the positions shown on drawings of eThekwini Electricity and cannot be found after proving trenches have been put down, assistance may be obtained by calling an official of the Works Branch on Telephone No. 311-1111 during office hours, or by contacting Control on Telephone No. 305-7171 after hours.

It should be noted that 33,000 Volt and 132,000 Volt cables may only be exposed by the eThekwini Electricity's personnel. The cables are usually protected by concrete covering slabs, and therefore if the slabs are inadvertently exposed, excavation work must stop, and the eThekwini Electricity shall be contacted immediately on the above telephone numbers.

Proving of services shall be completed at least two weeks in advance of the actual programmed date for commencing work in the area.

The position of these services located must be co-ordinated and levelled by the Contractor, and the information given in writing to the Employer's Agent's Representative.

The requirements of this clause do not relieve the Contractor of any obligations as detailed in the Conditions of Contract or under Clause 4.17 of SANS 1921-1.

PS.2.3 New Services and Relocation of Existing

This clause shall be read in conjunction with Clause PS.1.

New services are either to be installed by the Contractor as part of the contract or by others during the contract period. In the latter case excavation and subsequent backfilling of the trench from the top of the bedding layer shall generally be carried out by the Contractor.

Relocation of services shall generally be carried out by the relevant services organisation. Generally their work shall include the excavating and bedding the service which will include backfilling to a depth of approximately 300 mm above the service. The remainder of the backfilling shall be carried out by the Contractor.

Generally work shall only commence on the installation of new services once the bulk earthworks have been completed and roughly trimmed to level along a substantial portion of the services route. In addition no sidewalk, verge, median or island shall be surfaced or topsoiled until all work on the services has been completed.

Services that could be affected by the contract are listed as follows:

- PS.3: Watermains;
- PS.4: Sewers;
- PS.5: Stormwater;
- PS.6: Electrical Cables / Lighting;
- PS.7: Telkom / Neotel / Fibre;
- PS.8: CCTV;

Further to the above, tenderers are referred to the services drawing and are to note that several minor cables / pipes may be encountered during excavation works which may require to be relocated to some extent. It is anticipated that the two week period required under PS.2.2 will allow sufficient time for these relocations.

PS.2.4 Accommodation of Services

Further to Clauses PS.1 and PS.2 of this specification, tenderers are to note that allowance must be made under this item and / or the appropriate rates, for all costs incurred as a result of complying with these clauses. It shall also cover liaison with the services organisations and accommodation of their work gangs / contractors on site.

PS.3 WATERMAINS**PS.3.1 General**

Tenderer's attention is drawn to the various types of watermains to which could affect this contract.

PS.3.2 Water Main Valve Access

Due to the dangerous situation occurring when water main valves are covered over, the Contractor shall maintain access to all water main valves at all times..

PS.3.3 Restriction on Compactive Equipment

The Contractor is to note that existing watermain traverse the site of the works and special care is to be taken in close proximity to these mains and connections. The existing mains and connections shall be proved on site by the Contractor prior to any construction work commencing in the vicinity of the watermain.

Under no circumstances will heavy road-making equipment, other heavy plant or vibratory compaction equipment be permitted to operate within 800 mm vertically or horizontally of the existing mains or connections. The permissible compaction plant within this restricted area shall be the equivalent of a "Bomag 90" under static compaction, or similar approved plant. When the roadworks are far enough advanced to provide a minimum of 800 mm cover to the existing mains, the above restriction will fall away.

The Contractor is to take cognisance of the above requirements when entering rates in the Bill of Quantities and in the programming of the works. No claim for additional payment based on the inability to use plant as a result of the requirements of this clause will be accepted. The Contractor will be held liable for any costs should the watermain or electrical cables be damaged during construction of the road.

PS.4 SEWERS**PS.4.1 Blockage of Foul Water Sewers**

The Contractor shall be responsible for ensuring that cementitious sludge, sand and rubble from the works do not enter the foul water reticulation system. The Contractor shall be liable for any costs incurred by the Council or others as a result of blockages in the reticulation system attributed to failure to comply with the above requirement.

PS.5 STORMWATER**PS.5.1 Blockage Stormwater Sewers**

The Contractor shall be responsible for ensuring that cementitious sludge, sand and rubble from the works do not enter the stormwater reticulation system. The Contractor shall be liable for any costs incurred by the Council or others as a result of blockages in the reticulation system attributed to failure to comply with the above requirement.

PS.6 ELECTRICAL PLANT**PS.6.1 General**

Various types of electrical cables including high voltage, low voltage, street lighting and domestic connection cables are affected by the contract. The laying, relocation and jointing of all cables will be carried out by eThekweni Electricity's work gangs, or agents appointed by them. Close liaison will therefore be necessary with eThekweni Electricity throughout the contract.

PS.6.2 Street Lighting

The existing lighting could be in the vicinity of the works and it is a requirement that the street lighting be operational at all times.

PS.6.3 MV / LV Cables

Certain MV / LV cables could be in the vicinity of the works. The actual cable work associated with this relocation and / or replacement of these cables will be carried out by eThekweni Electricity and it is stressed that the two week period referred to in Clause PS.2 is the minimum period required to enable eThekweni Electricity to be on site timeously.

PS.6.4 Relocation of Existing Services

Should it be necessary to adjust the line, level and / or position of any service not catered for in the contract to enable the construction to proceed the Contractor shall on no account effect such adjustment himself but shall notify the Engineer who will arrange for the work to be carried out at no cost to the Contractor.

PS.7 TELKOM S.A. LIMITED / NEOTEL PLANT / FIBRE

No work to Telkom / Neotel Plant / Fibre is envisaged, but the tenderers attention is drawn to the fact that Telkom / Neotel / Fibre copper cables and fibre optic cables are existing in the contract area.

PS.8 CCTV PLANT

No work to CCTV Plant is envisaged, but the tenderers attention is drawn to the fact that CCTV cables and fibre optic cables are existing in the contract area.

PS.9 MANAGEMENT OF THE ENVIRONMENT

The Contractor shall pay special attention to the following:

PS.9.1 Natural Vegetation

The Contractor shall confine his operation to as small an area of the site as may be practical for the purpose of constructing the works.

Only those trees and shrubs directly affected by the works and such others as the Employer's Agent may direct in writing shall be cut down and stumped.

The natural vegetation, grassing and other plants shall not be disturbed other than in areas where it is essential for the execution of the work or where directed by the Engineer.

PS.9.2 Fires

The Contractor shall comply with the statutory and local fire regulations. He shall also take all necessary precautions to prevent any fires. In the event of fire the Contractor shall take active steps to limit and extinguish the fire and shall accept full responsibility for damages and claims resulting from such fires which may have been caused by him or his employees.

PS.9.3 Environmental Management Plan

In addition to the above, all requirements according to the Environmental Management Plan as detailed in C3.4: Particular Specifications, will be adhered to.

PS.10 OCCUPATIONAL HEALTH AND SAFETY**PS.10.1 General Statement**

When considering the safety on site the Contractor's attention is drawn to the following:

It is a requirement of this contract that the Contractor shall provide a safe and healthy working environment and to direct all his activities in such a manner that his employees and any other persons, who may be directly affected by his activities, are not exposed to hazards to their health and safety. To this end the Contractor shall assume full responsibility to conform to all the provisions of the Occupational Health and Safety Act No 85 and Amendment Act No 181 of 1993, and the OHS Act 1993 Construction Regulations 2014 issued on 7 February 2014 by the Department of Labour.

For the purpose of this contract the Contractor is required to confirm his status as mandatory and employer in his own right for the execution of the contract by entering into an agreement with the Employer in terms of Section 37(2) of the Occupational Health and Safety Act.

PS.10.2 Health and Safety Specifications and Plans to be submitted at tender stage**PS.10.2.1 Employer's Health and Safety Specification**

The Employer's Health and Safety Specification is included in C3.4: Particular Specifications.

PS.10.2.2 Tenderer's Health and Safety Plan

At tender stage only a brief overview of the tenderer's perception on the safety requirements for this contract will be adequate. This will be attached to T2.2: Contractor's Health and Safety Plan.

Only the successful Tenderer shall submit a separate Health and Safety Plan as required in terms of Regulation 7 of the Occupational Health and Safety Act 1993 Construction Regulations 2014, and referred to in T2.2: Contractor's Health and Safety Plan.

The detailed safety plan will take into consideration the site-specific risks as mentioned under PS.10.1 and must cover at least the following:

- (i) A proper risk assessment of the works, risk items, work methods and procedures in terms of Regulations 9 to 29;
- (ii) Pro-active identification of potential hazards and unsafe working conditions;
- (iii) Provision of a safe working environment and equipment;
- (iv) Statements of methods to ensure the health and safety of subcontractors, employees and visitors to the site, including safety training in hazards and risk areas (*Regulation 7*);
- (v) Monitoring health and safety on the site of works on a regular basis, and keeping of records and registers as provided for in the Construction Regulations;
- (vi) Details of the Construction Supervisor, the Construction Safety Officers and other competent persons he intends to appoint for the construction works in terms of Regulation 8 and other applicable regulations; and
- (vii) Details of methods to ensure that his Health and Safety Plan is carried out effectively in accordance with the Construction Regulations 2014.

The Contractor's Health and Safety Plan will be subject to approval by the Employer, or

amendment if necessary, before commencement of construction work. The Contractor will not be allowed to commence work, or his work will be suspended if he had already commenced work, before he has obtained the Employer's written approval of his Health and Safety Plan.

Time lost due to delayed commencement or suspension of the work as a result of the Contractor's failure to obtain approval for his safety plan, shall not be used as a reason to claim for extension of time or standing time and related costs

A generic plan will not be acceptable.

PS.10.3 Cost of compliance with the OHSA Construction Regulations

The rates and prices tendered by the Contractor shall be deemed to include all costs for conforming to the requirements of the Act, the Construction Regulations and the Employer's Health and Safety Specification as applicable to this contract. Should the Contractor fail to comply with the provisions of the Construction Regulations, he will be liable for penalties as provided in the Construction Regulations and in the Employer's Health and Safety Specification.

Items that may qualify for remuneration will be specified in the Employer's Health and Safety Specification.

PS.11 SITE SECURITY

The Contractor shall, for the duration of the contract, provide sufficient security and watchmen to adequately ensure the safety and protection of the works, the Contractor's staff, including local labour and subcontractors, and all site plant and construction equipment required for the works.

Site Security, in conjunction with the SAPS (where necessary), shall be responsible for removal of disruptive elements, that may interrupt the progress of the contract through acts such as, but not limited to, intimidation, threats of disruption, violent disruption, or criminal and illegal activity by the local community or independent organisations or entities that may result in slowing down or partial or total stoppage of the works.

This will be undertaken at the Contractors own cost, which must be included in the rates, if required.

PS.12 PERFORMANCE MONITORING OF SERVICE PROVIDERS

The performance of service providers that have been selected to provide assistance in the provision of a municipal service, otherwise than in circumstances where Chapter 8 of the Municipal Systems Act applies, is required, by Section 116 of the Municipal Finance Management Act, to be monitored and reported on (see Cl.53 of the SCM Policy).

Appropriate key performance indicators (KPIs) for the contract must be set by the Municipality as a yardstick for measuring performance.

The following KPIs will be applicable to this contract:

- (a) Every invoice must be accompanied by a complete work package, as described in the Scope of Works.
- (b) Four (4) quarterly reports must be submitted every year, as described in the Scope of Works for the duration of the project.

C3.3: STANDARD SPECIFICATIONS

C3.3.1 The Specifications on which this contract is based are the eThekiwini Municipality's (City of Durban) Standard Engineering Specifications (hereafter referred to as the Standard Engineering Specifications). This document is obtainable separately, and Tenderers shall obtain their own copies of the applicable Sections.

Part	Description	Date of Issue	
AB	General Specifications	July	1992
B	Site Clearance	March	1990
C	Concrete Work	February	1987
DA	Earthworks: Bulk	January	1985
DB	Earthworks for Pipe Trenches	July	1992
DC	Earthworks for Concrete Lined Canals		
DD	Earthworks for Structures		
EA	Lime Stabilisation		
EB	Graded Crushed Stone	December	1988
EC	Cement Treated Graded Crushed Stone	December	1988
ED	Road Asphalt	July	1992
EE	Pre-coated Stone Chippings		
EF	Kerbs and Haunches	July	1992
EG	Sidewalks, Footpaths and Median Areas	July	1992
EH	Steel Guardrails & Conc. Median Barriers		
EJ	Concrete Interlocking Block Surfaces		
EK	Waterbound Macadam Base		
EL	Dumprock Subgrade Improvement		
EM	Concrete Surface to Roads		
EN	Slurry Sealing		
EP	Single Seal Surface Treatment		
F	Protection Works	July	1992
G	Pre-stressing		
H	Reinforced Earth		
J	Piling		
K	Bearings		
L	Structural Work		
PB	Pavement Layers of Gravel Material		
PC	Stabilisation of Gravel Base		
PD	Surface Treatment: Modified Binder		
PE	Pressure Pipelines: Steel		
PF	Pressure Pipelines: Other Than Steel		
PG	Non-Pressure Pipelines and Pc Culverts	July	1992
PH	Manholes and Appurtenant Drainage Works	July	1992
PJ	Pipe Jacking		
PG	Lateral Support Systems		
PS	Pump Stations: Sewage		
S	Reinstatement	March	1993
TA	Road Signs	October	1989
TB	Road Markings	October	1989

C3.3.2 AMENDMENTS TO THE STANDARD SPECIFICATIONS

INTRODUCTION

In certain clauses the standard, standardized and particular specifications allow a choice to be specified in the project specifications between alternative materials or methods of construction and for additional requirements to be specified to suit a particular contract. Details of such alternative or additional requirements applicable to this contract are contained in this part of the project specifications. It also contains additional specifications required for this particular contract.

The number of each clause and each payment item in this part of the project specifications consists of the prefix PS followed by a number corresponding to the number of the relevant clause or payment item in the standard specifications. The number of a new clause or payment item, which does not form part of a clause or a payment item in the standard specifications and which is included here, is also prefixed by PS, but followed by a new number which follows on the last clause or item number used in the relevant section of the standard specifications.

PSOAB Over Pumping and Bagging

The flow of sewage must be maintained at all times and the Contractor must make his own arrangements for any bypassing, over-pumping and vetter bagging of the sewer line. This will include all resources and equipment that is deemed necessary for the maintaining of sewer flows at all times.

Further precautions should be taken to ensure that sewer flow control operations do not cause flooding or damage to public or private property.

If over pumping is considered advantageous, the pumping system employed shall have a high degree of reliability and a backup pump must be readily available. Precautions must be taken to prevent sewer line from damage that may be caused by surcharging. At no time shall any sewer pipe be subjected to a pressure greater than 0.05 bar.

The contractor will only be allowed to over pump outside the normal working hours if the equipment to be used is in keeping with the standard noise requirements (not exceed 50 decibels) or as set out in the SABS code of practise for noise pollution.

Any accidental spillage or discharge must immediately be treated with an approved disinfectant and the affected area cleaned up in a manner approved by the Employers Representative.

All major spills must be reported to the Engineer.

PSDEW Dewatering

Contractors may be required to dewater trenches or excavations near streams and waterways or areas with high water tables.

This must be conducted in a manner that ensures that the repair processes are not adversely affected by water ingress.

The water that is removed from within the affected area is disposed of in a safe and environmentally friendly manner.

In addition, this contract will also contain various references to clauses from the SABS 1200 Standardised Specifications, the following standardised specifications shall apply:

SABS 1200 A	:	General
SABS 1200 AB	:	Engineers Office
SABS 1200 C	:	Site Clearance
SABS 1200 D	:	Earthworks
SABS 1200 DB	:	Earthworks (Pipe Trenches)
SABS 1200 DK	:	Gabions and Pitching
SABS 1200 DM	:	Earthworks (Roads and sub grade)
SABS 1200 GA	:	Concrete (Small works)
SABS 1200 L	:	Medium Pressure Pipelines
SABS 1200 LB	:	Bedding (Pipes)
SABS 1200 LD	:	Sewers
SABS 1200 LE	:	Stormwater Drainage
SABS 1200 LF	:	Erf Connections
SABS 1200 ME	:	Subbase
SABS 1200 MF	:	Base
SABS 1200 MH	:	Asphalt Base and Surfacing
SABS 1200 MM	:	Ancillary Roadworks

C3.4: PARTICULAR SPECIFICATIONS

In addition to the Standardized and Project Specifications the following Particular Specifications / Policies shall apply to this contract:

- C3.4.1 Part AH - OSHA 1993 Safety Specification
(26 Pages)

- C3.4.2 Standard Environmental Management Plan for Civil Engineering Construction Works
(24 Pages)

C3.5: CONTRACT AND STANDARD DRAWINGS**C3.5.1 CONTRACT DRAWINGS / DETAILS**

Not applicable

C3.5.2 STANDARD DRAWINGS

The Standard Drawings to which these Standard Engineering Specifications refer are listed below.

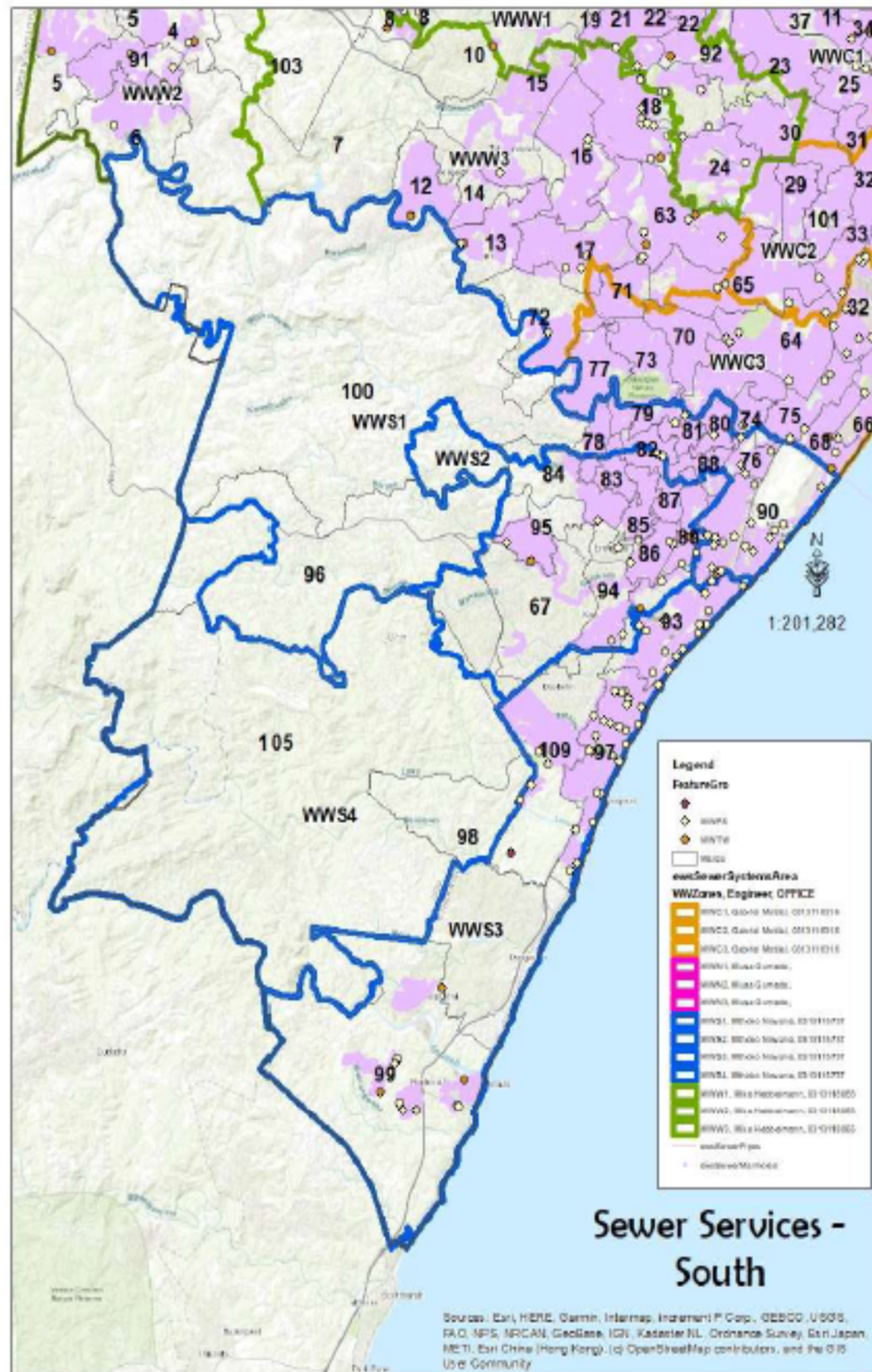
Dwg No	Description	Date of Issue	
38570	Ring Manholes	February	1990
38571	Brick Manhole Details	February	1990
38572	Stormwater Inlet Details	February	1990
38573	Stormwater Inlet Special Details	February	1990
38574	Sewer Manholes: Ramp, Backdrop and Channelling Details	February	1990
38575	Sub-Soil Drain, Pipe Bedding and Pipe Protection Details	February	1990
38576	Headwall Details	February	1990
38577	Kerbing Details	February	1990
38578	Concrete Median Barriers	February	1990
38579	Vehicular and Pedestrian Scoops	February	1990
38580	Concrete Bollard and Steel Guard Rail	February	1990
38581	Retaining Wall, PC Steps, Staircase, Cable Ducts and Headwalls	February	1990
38582	Precast Concrete Fencing and Aluminium Gates	February	1990
38583	Wire Mesh Fence and Gate Details	February	1990
38584	Standard Hydrant Thrust Blocks and Trenches	February	1990
38585	Water Connections, Pipework and Fittings	February	1990
38586	DP & TC Manholes - Rectangular	February	1990
38587	DP & TC Manholes - "L" Shaped	February	1990
38588	DP & TC Manholes - "T" Shaped	February	1990
38589	DP & TC Cable Ducts and Junction Box Details	February	1990
43120	Typical Details of Grid Inlets	February	1990

C3.6: ANNEXURES

C3.6.1 There are no Annexures

PART C4: SITE INFORMATION**C4.1 LOCALITY PLAN**

eThekweni Municipality Southern Sanitation Zone



The End

**Appointment of a Managing Contractor for the Southern Sewer Networks Area to
Repair and Maintain the Sanitations Operation Department Sewer Networks
Infrastructure, as and when required, for a period of 36 months**