

O. R. TAMBO DISTRICT MUNICIPALITY



PROJECT NO: MIS 418 508

**DESCRIPTION: CONSTRUCTION OF NYANDENI WARD 1 VIP SANITATION
MUNICIPAL INFRASTRUCTURE GRANT (MIG)**

JUNE 2022

Issued By:

The Municipal Manager
O. R Tambo District Municipality
Private Bag X 6043
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Tel No: (047) 501 6400

Prepared By:

District Engineering Services
O. R. Tambo District Municipality
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Tel No: (047) 501 6400

NAME OF BIDDER: _____

CSD SUPPLIER NUMBER: _____

EMAIL ADDRESS: _____

TENDER AMOUNT: _____

TENDERS ARE HEREBY INVITED FOR:

To ensure that your Tender is not exposed to invalidation, documents are to be completed in accordance with the conditions and Tender rules contained in the Tender documents. Supporting documents must be sealed and externally endorsed **CONTRACT: MIS 418 508: CONSTRUCTION OF NYANDENI WARD 1 SANITATION** and be submitted in the tender box, Ground Floor, O. R. Tambo District Municipality, Nelson Mandela Drive, O. R. Tambo House, Myezo, Mthatha, not later than the closing date and time as stated.

The lowest or any Bid will not necessarily be accepted, and the O. R. Tambo District Municipality reserves the right not to consider any Project Not suitably endorsed or comprehensively completed as well as the right to accept a Tender in whole or part. Tenders will be adjudicated in accordance with the Supply Chain Management Policy of the O. R. Tambo District Municipality.

The following documents must be completed, signed (where applicable) and submitted as a complete set:

Document		Colour of pages
Number	Heading	
T1.1	Project Notice and Invitation to Tender	White
T1.2	Tender Data	Pink
T2.1	List of Returnable Documents	Yellow
T2.2	Returnable Documents for tender evaluation purposes	Yellow
C1.1	Form of Offer and Acceptance	Yellow
C1.2	Contract Data	Yellow
C1.3	Operational Health & Safety Specification	Yellow
C1.4	ORTDM Supply Chain Management Policy	Yellow
C2.1	Pricing Instructions	Yellow
C2.2	Activity Schedule	Yellow
C3	Scope of Work	Blue
C4	Site Information	Green
C5	Additional Relevant Documents	White

T1.1 PROJECT NOTICE AND INVITATION TO TENDER

Tenders are hereby invited from suitably qualified and experienced contractors who are registered with CIDB for the construction of **NYANDENI WARD 1 SANITATION** within the Nyandeni Local Municipality.

Project Number	Name and Description	CIDB Grading	Contract period
MIS 418 508	Construction of NYANDENI WARD 1 SANITATION	4CE/GB PE or 5CE/GB or higher	5 months

A compulsory clarification meeting with representatives of the client will take place at **09H00 on Wednesday, 29 June 2022** at the Nyandeni Local Municipal Offices- Libode, before proceeding to site.

The municipality will not repeat any matters already covered in the compulsory briefing meeting to the bidders who arrive more than 10 minutes late to the meeting, nor will it allow such bidders to complete the attendance register. Any bid received from a bidder who did not attend the briefing meeting and sign the attendance register will not be considered and will be returned to the bidder unopened.

Bid documents must be downloaded on the e-Tender website (www.etenders.gov.za), alternatively, at the O.R Tambo District Municipality website (www.ortambodm.gov.za) at no Cost.

Bids must be completed tenders in black ink, enclosed in a sealed envelope and clearly marked with the **"Project number, Project name and description"** must be placed in the tender box, Ground Floor, O. R. Tambo District Municipality Building, Nelson Mandela Drive, Myezo Park, Mthatha, Eastern Cape, not later than **12H00 Wednesday, 13 July 2022**.

It must be expressly understood that the Municipality does not accept no responsibility for ensuring that bid submissions sent by courier or post, or delivered in any other way, are deposited in the Tender Box. It is therefore preferable for the bidder to ensure that its bid submission is placed in the Tender Box by its own staff or representative(s).

The Municipality reserves the right not to accept the only or lowest priced tender or any tender at all, or to accept the whole or part of any tender.

RETURNABLE DOCUMENTS TO BE SUBMITTED WITH THE BID:

- Original or certified copy of BBBEE certificate, or sworn affidavit confirming annual total revenue and level of black ownership, if bidder is an Exempted Micro Enterprise (EME) or Qualified Small Enterprise (QSE);
- Certified copies of business registration documents, as issued by CIPC;
- Certified copy of identity documents of directors/ shareholders/ partners/ members, as the case may be

NB: CERTIFICATION OF DOCUMENTS MUST NOT BE MORE THAN SIX (6) MONTHS FROM DATE CERTIFIED BY COMMISSIONER OF OATHS.

THE BID WILL BE REJECTED IF THE BIDDER FAILS TO:

- Complete fully the bid document or to provide the information requested, or to sign the bid at the appropriate spaces provided or next to errors, his/her/ its bid
- Fill and properly sign the form of offer.
- Attach proof of registration with CSD.
- Attach proof of registration with Construction Industry Development Board (CIDB)
- Attach proof of latest municipal rates and taxes statement of the bidder indicating that rates and taxes are not in arrears for more than 3 months.
- Attach proof of latest municipal rates and taxes statement of each company director indicating that rates and taxes are not in arrears for more than 3 months.
- Attach proof of latest municipal water and sanitation charges statement of the bidder indicating that rates and taxes are not in arrears for more than 3 months for bidders who reside in the O. R. Tambo District Municipality area.
- Attach proof of latest municipal water and sanitation charges statement of each company director indicating that rates and taxes are not in arrears for more than 3 months for bidders who reside in the O. R. Tambo District Municipality area.
- Attach confirmation of address from a ward councillor where the bidder and company directors operate and reside in a peri-urban area where no rates and taxes and service charges are not billed.
- Attach a copy of a valid lease agreement where the bidder does not own the property they are operating from.
- Attach joint Venture Agreement or Consortium Agreement signed and initialled on each page (if applicable).

PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT NO 5, 2000 (PPPFA) POINTS WILL BE AWARDED AS FOLLOWS:

THE BIDS WILL BE EVALUATED IN THREE STAGES, NAMELY:

- Stage 1 – Compliance with Bid Rules and Other Regulations
- Stage 2 - Functionality
- Stage 3 – Price and BBBEE Points

Failure to meet the pre-qualification criteria will render a bid non-responsive, and such bid will be disqualified and not proceed to be evaluated further.

Item	Weight
Stage 2 of Evaluation-Functionality	100
• Company Experience with respect to similar projects	40
• Experience of key staff assigned to the contract	30
• Methodology	15
• Availability of key plant and equipment	15
Stage 3 of Evaluation- Price & B-BBEE	100
• B-BBEE	20
• Price	80

Tenders may only be submitted on tender documentation issued. No late, faxed, e-mailed, or other form of tender will be accepted.

Technical enquiries: Mr N Noto 047 501 6400 / 6425, or email: nkosiyabon@ortambodm.gov.za.

All **Supply Chain Management enquiries** may be directed to Mr. S. Hopa, telephone number 047 501 6449 or email: sakhiwohopa@ortambodm.org.za during office hours: Monday to Friday 08H00-13H00 and 13H30-16H30.

The procedure for evaluation of responsive tender offers will be method 2 of table F.1 of SANS 294: 2004. Financial offer & Preferences. The bid will be awarded to the bidder who has scored the highest points for price and preferences combined BUT the prerequisite will be to obtain at least 60 points for quality (functionality). An 80/20 point system shall apply where 80 points is for the price and 20 points is in terms of B-BBEE status level of contributor as follows:

B-BBEE status level of contributor	Number of points
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

Joint Ventures will qualify for points for their B-BBEE status level as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such BBBEE scorecard is prepared for every separate tender.

S.W. Mkhize

Municipal Manager

T1.2 TENDER DATA

The conditions of tender are the **Standard Conditions of Tender** as contained in Annexure F of the 30th January 2009 edition of the **CIDB Standard for Uniformity in Construction Procurement**. The Standard Conditions of Tender Procurements make several references to the Tender Data for details that apply specifically to the Tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of Tender. Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.

Please note that the word "Client" is used in this document and referred to as "Employer" in the Standard Conditions of Tender document.

Clause Number	
F.1	General
F.1.1	The Client is: O. R. Tambo District Municipality Private Bag x 6043 Mthatha, 5100
F.1.2	The Tender documents issued by the Client comprise: Tender T1.1 Project Notice and invitation to tender T1.2 Tender Data T2.1 List of Returnable Documents T2.2 Returnable Documents for tender evaluation purposes T2.3 Returnable Documents to be incorporated into the contract
	Contract Part 1 : Agreements and Contract data C1.1 Forms of Offer and Acceptance C1.2 Contract Data C1.3 Occupational health and safety specification C1.4 O. R. Tambo District Municipality's Health and Safety Specification Part 2 : Pricing Data C2.1 Pricing Instructions C2.2 Bill of Quantities Part 3 : Scope of Work C3.1 Description of the Works C3.2 Applicable Standardised Specifications C3.3 Variations and Additions to the Standardised and Particular Specifications C3.5 Particular Specification Health and Safety C3.6 Particular Specification Environmental Management Plan C3.8 Contractors Report Part 4: Site Information C4 Site information Part 5: Additional Relevant Documents Part 6: Contract Drawings
F1.3	Interpretation The tender data and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these tender conditions.

F.1.4	Communication: Communication with all stakeholders shall be through the O. R. Tambo Municipality's District Engineer. Communication's shall be in the English language. The Employer shall not take any responsibility for non-receipt of communications from or by a tenderer.	
	Contact person: <u>Mr. Nkosiyo Noto</u> Tel: 047 501 6400 / 6425	
F.1.5	The employer's right to accept or reject any tender offer	
F.1.5.1	Reject or accept The employer may accept or reject any variation, deviation, tender offer, or alternative tender offer, and may cancel the tender process and reject all tender offers at any time before the formation of a contract. The employer shall not accept or incur any liability to a tenderer for such a cancellation and rejection but will give written reasons for such action upon written request to do so.	
F.1.6	Procurement procedures	
F.1.6.1	a contract will, subject to F.3.13, be concluded with the tenderer who in terms of F.3.11 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.	
F.2	Tenderer's obligations	
F.2.1.1	Eligibility Only those tenders who are registered with CIDB who have 4CE/GB PE or 5CE/GB or Higher, and have in their employ management and supervisory staff satisfying the requirement of the scope of work for labour intensive competencies for supervisory and management staff are eligible to submit tenders.	
F.2.1.2	CIDB Grading The required CIDB grading for this project is 4CE/GB PE or 5CE/GB or higher.	
F.2.2	Cost of tendering Accept that the Employer will not compensate the tenderers for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer satisfy requirements.	
F.2.3	Check documents Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.	
F.2.4	Confidentiality and copyright Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.	
F.2.5	Reference documents Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference.	
F.2.6	Acknowledge Addenda Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary, apply for an extension of the closing time stated in the tender data, in order to take the addenda into account.	
F.2.7	The arrangements for a compulsory clarification meeting are:	
	Date: Wednesday, 29 June 2022 Starting time: 09h00	Location: Nyandeni Local Municipal Offices- Libode
F.2.8	Seek clarification Request clarification of the tender documents, if necessary, by notifying the employer at least five working days before the closing time stated in the tender data.	

F2.10	Pricing the tender
F.2.10.1	Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes (except Value Added Tax (VAT), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable 14 days before the closing time stated in the tender data.
F.2.10.2	Show VAT payable by the employer separately as an addition to the tendered total of the prices
F.2.10.3	Provide rates and prices that are fixed for the duration of the Contract, and not subject to adjustment except as provided for in the conditions of contract identified in the contract data.
F.2.10.4	State the rates and prices in South African Rand
F2.11	Alterations to documents Not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations. Erasures and the use of masking fluid are prohibited.
F.2.12	Alternative tender offers Alternative offers may be submitted only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted. The alternative tender offer is to be submitted with the main tender offer together with a schedule that compares the requirements of the tender documents with the alternative requirements the tenderer proposes.
F.2.13.5	The Client's address for delivery of Tender offers and identification details to be shown on each Tender offer package are: Location of Tender box: Tender Box, Ground Floor, O. R. Tambo District Municipality Building, Nelson Mandela Drive, Myezo Park, Mthatha, Eastern Cape. Physical address: O. R. Tambo House, Nelson Mandela Drive, Mthatha
F.2.14	Information and data to be completed in all respects Accept that tender offers, which do not provide all the data or information requested completely and, in the form, required, may be regarded by the employer as non-responsive.
F.2.15	Closing time The closing times for submission of Tenders are 12H00 on Wednesday, 15 July 2022.
F.2.15	Telephonic, telegraphic, telex, facsimile or e-mailed Bid offers will not be accepted.
F.2.16	Tender offer validity The Tender offer validity period is 90 Days as stated in the tender data.
F.2.17	Clarification of tender offer after submission The tenderer shall provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.
F.2.18	Provide other material The tenderer shall, when requested by the Employer to do so, Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive.

F2.20	Submit securities, bonds, policies Submit to the employer before formation of the contract, certificates of insurance required in terms of the conditions of contract identified in the contract data.
F.2.23	The tenderer is required to submit with his tender: (1) an original Tax Verification Pin issued by the South African Revenue Services; and (2) Certified copy of the original of all the Companies / CC Registration documents. (3) Joint Venture Agreement where applicable in CIDB format (signed & initialed on each page). (4) Proof of registration with CIDB (5) Certified copies of the original ID copies of Members of the companies. (6) Original or Certified Copy of the B-BBEE Certificate from SANAS Accredited Vendor or Sworn Affidavit Confirming Annual turnover if the Bidder is EME or QSE (7) If a Bidder is an unincorporated JV or Consortium, a Consolidated JV B-BBEE Certificate is required (8) Proof of Registration with National Treasury's Central Supplier Database (CSD). (9) Proof of Latest Municipal Rates indicating that Rates and Taxes are not in Arrears for more than three months (10) Proof of Latest Municipal Water Bill indicating that Water Bill is not in arrears for more than three months
F.3	The employer's undertakings
F.3.1	Respond to requests from the tenderer
F.3.1.1	Respond to a request for clarification received up to five working days before the tender closing time stated in the Tender Data and notify all tenderers who drew procurement documents.
F.3.2	Issue Addenda If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until seven days before the tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such extension and, shall then notify all tenderers who drew documents.
F.3.4	Opening of tender submissions
F.3.4.1	The employer shall open valid tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.
F.3.4.2	Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the tender data, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, preferences claimed and time for completion for the main tender offer only.
F.3.4.3	The client shall not be obliged to make available the record outlined in F.3.4.2 to any tenderer who fail to attend the tender opening.
F.3.6	Non-disclosure The client shall not disclose to tenderers, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.
F.3.7	Grounds for rejection and disqualification Determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that

	he engaged in corrupt or fraudulent practices.
F3.9	Arithmetical errors, omissions and discrepancies
F.3.9.1	Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.
F.3.9.2	Check the highest ranked tender or tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with F.3.11 for: <ol style="list-style-type: none"> a) the gross misplacement of the decimal point in any unit rate; b) omissions made in completing the pricing schedule or bills of quantities; or c) arithmetic errors in: <ol style="list-style-type: none"> i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or ii) The summation of the prices.
F.3.9.3	Notify the tenderer of all errors or omissions that are identified in the tender offer and invite the tenderer to either confirm the tender offer as tendered or accept the corrected total of prices.
F.3.9.4	Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows: <ol style="list-style-type: none"> a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected. b) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.
F.3.10	Clarification of a tender offer Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.
F3.11	Evaluation of tender offers <i>Replace the contents of the entire sub-clause with the following:</i> The procedure for evaluation of responsive tender offers will be method 2 of table F.1 of SANS 294: 2004. Financial offer & Preferences. The bid will be awarded to the bidder who has scored the highest points for price and preferences combined BUT the prerequisite will be to obtain at least 60 points for quality (functionality), which will be explained in Stage 1 below. Nevertheless, O. R. Tambo District Municipality retains the right to accept any bid. C. First stage in evaluation: Compliance with Bid Rules and other Requirements The bids will be checked to ensure that they comply with the bid rules and all other requirements of the project document. In particular the following documentation must be completed and/or included within the bid. <ul style="list-style-type: none"> • The form of Offer and acceptance • Audited financial statements for any tender price over R10million • Certified company registration documents and ID of members • Form C: Compulsory Enterprise Questionnaire • Form D: Certificate of Authority for Signature • Form E: Amendments, Qualifications and Alternatives

- Form H: Certificate of Good Standing
- Form I: Relevant experience
- Form J: Details of key staff and CVs
- Form M: Preference Points Claim Form in Terms of the Preferential Procurement Regulations 2011

Note:

- All information supporting the above forms such as Curricula Vitae of staff who will work on the project and their functions, details of ownership, relevant experience etc.
- Addenda issued during the bid period, if any.
- The pricing schedules

Failure to supply the required information will compromise the bid

D. Next Stage in Evaluation: Pre-qualification; Quality / Functionality; Price & BBBEE Status Level

The next state in the evaluation process will consist of three stages, as follows:

STAGE 2: FUNCTIONALITY/QUALITY EVALUATION

ITEM	WEIGHT
Functionality (see detailed criteria below)	100
• Experience with respect to similar projects	40
• Experience of key staff assigned to the contract	30
• Methodology	15
• Availability of key plant and equipment	15

Only bidders who score **60 points or more** on stage 2 will be evaluated further and therefore eligible for award.

The maximum score for functionality shall be 100, distributed as follows:

Tender functionality / quality claimed

	Category of Quality / Functionality	Maximum tender evaluation points provided
B1.1	Experience on similar projects: Copies of Certificate of Completion MUST be submitted with the bid. No points will be awarded where Certificates of Completion have not been submitted with the Bid. If the value of completed project is not reflected on the certificate, provide contractor's appointment or letter from the client with values.	40
	Tenderer has completed at least three water-borne sewer and/or potable VIP Toilets contracts which totals the contracts to a value of at least of R 5 million.	40
	Tenderer has completed at least two water-borne sewer and/or VIP Toilets projects which totals the contracts to a value of at least of R 4 million.	20
	Tenderer has completed at least one water-borne sewer and/or VIP Toilets projects which totals the contracts to a value of at least of R 3 million.	10
	No previous water projects completed, or completed projects	0

	B1.2	Experience of key personnel (NB no key personnel member may be assigned more than one duty on the Contract, i.e. different personnel must be assigned for each of the following key positions) Contracts Manager = National Diploma Civil Engineering or Equivalent, Site Agent = NQF Level 6 or Equivalent and Foreman = NQF Level 3 or Equivalent. Attach Curriculum Vitae and Qualifications.	30
		Favourable previous experience in the Built Environment with a minimum of 5 years; Contracts Manager = 12 points, 3-4 years = 10 points & 1-2 years = 8 points.	12
		Favourable previous experience in the Built Environment with a minimum of 5 years; Site Agent = 10 points, 3-4 years = 8 points & 1-2 years = 6 points.	10
		Favourable previous experience in the Built Environment with a minimum of 5 years; Foreman = 8 points, 3-4 years = 6 points & 1-2 years = 4 points.	8
		Contractor failed to provide evidence of qualification and experience.	0
	B1.3	Methodology	15
		Detailed and relevant methodology approach with works programme and Cash flow projections	15
		Detailed and relevant method approach with works programme only	10
		Detailed and relevant method approach only	5
		Bidder has submitted no method statement or irrelevant method statement with or without cash flows and works programme	0
	B1.4	Availability of key machinery and equipment (Points will only be awarded for the mentioned machinery, and valid proof of Vehicle Licensing with traffic authority must be submitted. Note irrelevant machinery to the project will not be considered. For hire, provide a signed confirmation letter and a Lease Agreement from a reputable service provider and proof of Valid Licensing must be submitted).	15
		Bidder Owns/Hire 4 (Four) of the machinery required for the execution of the contract; namely, TLB, 8 Ton Trucks (Flatbed or Dropside), 1 Ton LDV and Transportation Vehicle and the machinery/equipment is available for the project.	15
		Bidder Owns/Hire 3 (Three) of the machinery required for the execution of the contract; namely, TLB, 8 Ton Trucks (Flatbed or Dropside), Either 1 Ton LDV or Transportation Vehicle and the machinery/equipment is available for the project.	10
		Bidder Owns/Hire 2 (Two) of the machinery required for the execution of the contract; namely, Either TLB, or 8 Ton Trucks (Flatbed or Dropside), or 1 Ton LDV or Transportation Vehicle and the machinery/equipment is available for the project.	5
		Bidder has made no provisions to hire machinery and has not provided documentation proving ownership of the aforementioned required plant.	0
		TOTAL	100

STAGE 3: EVALUATION FOR PRICE AND PREFERENCE (80/20)

The procedure for Stage 3 of evaluation of responsive tenders is **Method 2**

- a) PRICE:..... 80**
b) B-BBEE STATUS LEVEL OF CONTRIBUTION: 20

Points Awarded for Price (Ps)

A total of 80 points will be awarded to the Tenderer with the lowest balanced price. The other tenders will be awarded points on the ratio to benchmark price as follows:

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

Where

- Ps = Points scored for price of bid under consideration
 Pt = Rand value of bid under consideration
 Pmin = Rand value of lowest acceptable bid

a) Points awarded for B-BBEE Status Level of Contribution

In terms of Regulation 5 (2) and 6 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant Contributor	0

The total calculated points will be rounded to the second decimal place.

F.3.13 Acceptance of tender offer

- F3.13.1** Accept the tender offer, if in the opinion of the employer, it does not present any unacceptable commercial risk and only if the tenderer:
- a) is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement,
 - b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract,
 - c) has the legal capacity to enter into the contract,
 - d) is not insolvent, in receivership, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of any of the foregoing,
 - e) complies with the legal requirements, if any, stated in the tender data, and
 - f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

Notify the successful tenderer of the employer's acceptance of his tender offer by completing and returning one copy of the form of offer and acceptance before the expiry of the validity period stated in the tender data or agreed additional period. Providing the form of offer and acceptance does not contain any qualifying statements, it will constitute the formation of a

	contract between the employer and the successful tenderer as described in the form of offer and acceptance.
F.3.14	<p>Notice to unsuccessful tenderers</p> <p>After the successful tenderer has acknowledged the employer's notice of acceptance, after written request, the employer will notify the tenderers that their tender offers have not been accepted in O.R Tambo District Municipality's website: www.ortambodm.gov.za by listing the successful tender.</p>
F.3.15	<p>Prepare contract documents</p> <p>If necessary, revise documents that shall form part of the contract and that were issued by the employer as part of the tender documents to take account of:</p> <ul style="list-style-type: none"> a) addenda issued during the tender period, b) inclusion of some of the returnable documents, c) other revisions agreed between the employer and the successful tenderer, and d) The schedule of deviations attached to the form of offer and acceptance, if any.
F.3.16	<p>Issue final contract</p> <p>Prepare and issue the final draft of the contract to the successful tenderer for acceptance as soon as possible after the date of the employer's signing of the form of offer and acceptance (including the schedule of deviations, if any).</p>

T2.1 LIST OF RETURNABLE DOCUMENTS

The Tenderer must complete the following returnable documents:

T2.2 Returnable Documents required for Tender evaluation purposes		
1	Form 2.2.1	General Information of the Tenderer
2	Form 2.2.2	Authority for Signatory
3	Form 2.2.3	Schedule of Previous Experience
4	Form 2.2.4	Schedule of Current Projects
5	Form 2.2.5	Declaration of good standing regarding tax
6	Form 2.2.6	Certificate of Attendance at Site Meeting
7	Form 2.2.7	Proposed Key Personnel
8	Form 2.2.8	Schedule Equipment to be used
9	Form 2.2.9	Schedule of Proposed Sub-Contractors
10	Form 2.2.10	Financial References

T2.3 Returnable Documents that will be incorporated into the contract		
1	Form 2.3.1	Record of Addenda to Tender Documents
2	Form 2.3.2	Procurement Form

T2.2 RETURNABLE DOCUMENTS

RETURNABLE DOCUMENTS REQUIRED FOR TENDER EVALUATION PURPOSES

Form 2.2.1	General Information of Tenderer
Form 2.2.2	Authority of Signatory
Form 2.2.3	Schedule of Previous Experience
Form 2.2.4	Schedule of Current Projects
Form 2.2.5	Declaration of good standing regarding tax
Form 2.2.6	Registration on the Central Supplier Database
Form 2.2.7	Certificate of Attendance at Site Meeting
Form 2.2.8	Proposed Key Personnel
Form 2.2.9	Schedule of Proposed Sub-consultants
Form 2.2.10	Financial References
Form 2.2.11	Declaration of interest

FORM 2.2.1 GENERAL INFORMATION OF TENDERER

1. **Name of Tenderer:**

2. **Contact details**

Address :

Tel no :

Fax no :

Cell no :

E-mail address:

3. **Legal entity: Mark with an X.**

Sole proprietor	
Partnership	
Close corporation	
Company (Pty) Ltd	
Joint venture	

In the case of a Joint venture, provide details on joint venture members:

Joint venture member	Type of entity (as defined above)

4. **Income tax reference number:**
(in case of a joint venture, provide for all joint venture members)

5. **Municipal services area where the enterprise is registered:**
(in case of a joint venture, provide for all joint venture members)

6. **Company / close corporation Registration Number:**
(in case of a joint venture, provide for all joint venture members)

7. **VAT Registration number:**
(in case of a joint venture, provide for all joint venture members)

8. **CIDB registration number:**
(in case of a joint venture, provide for all joint venture members)

ATTACH THE FOLLOWING DOCUMENTS HERETO

1. For Closed Corporations

Certified copies of CK1 or CK2 as applicable (Founding Statement)
2. For Companies

Certified copies of Shareholders register
3. ID copies

Certified ID Copies for members
4. CIDB registration

Proof of registration with CIDB
5. CSD registration

Proof of registration with Central Supplier Database
6. For Joint Venture Agreements

Copy of the Joint Venture Agreement between all the parties, as well as the certified documents in (1), and or (2) and (4) and (4) of each Joint Venture member.
7. Copy of the latest municipal service account where enterprise is registered
8. Director's / Shareholder's Municipal Rates
9. Latest Copy of the B-BBEE Certificate
10. Central Supplier Database Summary Report

FORM 2.2.2 AUTHORITY OF SIGNATORY

Details of person responsible for tender process:

Name :

.....

Contact number :

.....

Office address :

.....

Signatories for close corporations and companies shall confirm their authority by attaching to this form a **duly signed and dated original or certified copy** of the relevant resolution of their members or their board of directors, as the case may be.

"By resolution of the board of directors passed on (date)

Mr

has been duly authorized to sign all documents in connection with the Tender for Contract Number

.....and any Contract which may arise there from on

behalf of

(BLOCK CAPTIALS)

SIGNED ON BEHALF OF THE COMPANY

IN HIS CAPACITY AS

DATE

FULL NAMES OF SIGNATORY

AS WITNESSES: 1.

2.

FORM 2.2.2 CERTIFICATE OF AUTHORITY FOR JOINT VENTURES

This Returnable Schedule is to be completed by joint ventures.

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorise Mr/Ms .
 , authorised signatory of the company
 , acting in the capacity of
 lead partner, to sign all documents in connection with the tender offer and any contract resulting
 from it on our behalf.

NAME OF FIRM	ADDRESS	DULY SIGNATORY	AUTHORISED
Lead partner CIDB registration no		Signature. Name Designation.....	
CIDB registration no		Signature. Name Designation.....	
CIDB registration no		Signature. Name Designation.....	
CIDB registration no		Signature. Name Designation.....	

**ATTACH HERETO THE DULY SIGNED AND DATED
ORIGINAL OR CERTIFIED COPY OF AUTHORITY OF
SIGNATORY ON COMPANY LETTERHEAD**

FORM 2.2.3 SCHEDULE OF PREVIOUS EXPERIENCE

Provide the following information on relevant previous experience (indicate specifically projects of similar or larger size and/or which is similar with regard to type of work). **(OPERATION AND MAINTENANCE PROJECTS).**

[illegible]

Name of Tenderer: Date:

Signature :

Full name of signatory:

FORM 2.2.4

SCHEDULE OF CURRENT PROJECTS

Provide the following information on current relevant projects. **This information is material to the award of the Contract.**

[illegible]

Name of Tenderer:

Date:

Signature :

Full name of signatory:

FORM 2.2.5 DECLARATION OF GOOD STANDING REGARDING TAX

SOUTH AFRICAN REVENUE SERVICES	Project No:
	Closing Date:
DECLARATION OF GOOD STANDING REGARDING TAX	
PARTICULARS	
1. Name of Taxpayer/Tenderer:	
2. Trade Name:	
3. Identification Number: (If applicable)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
4. Company / Close Corporation registration number:	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
5. Income Tax reference number:	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
6. VAT registration number: (If applicable)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
7. PAYE employer's registration number: (If applicable)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
8. Monetary value of Bid:	<input style="width: 100%;" type="text"/>
DECLARATION	
<p>I, the undersigned, the above taxpayer/Bidder, hereby declare that my Income Tax, Pay-As-You-Earn (PAYE) and Value-Added-Tax (VAT) obligations of the above-mentioned taxpayer, which include the rendition of returns and payment of the relevant taxes:</p> <p>(i) Have been satisfied in terms of the relevant Acts; or (ii) That suitable arrangements have been made with the Receiver of Revenue,..... to satisfy them.*</p> <p>.....</p>	
SIGNATURE	CAPACITY
DATE	
PLEASE NOTE:* The declaration (ii) cannot be made unless formal arrangements have been made with the Receiver of Revenue with regard to any outstanding revenue/outstanding tax returns.	

ATTACH ORIGINAL / COPY

VALID TAX VERIFICATION PIN

FORM 2.2.6 REGISTRATION ON THE CENTRAL SUPPLIER DATABASE

Attach proof of registration with the Central Supplier Database. **This information is material to the award of the Contract.**

ATTACHED CERTIFICATE PROOF OF REGISTRATION ON THE NATIONAL CENTRAL SUPPLIER DATABASE

FORM 2.2.7 CERTIFICATE OF ATTENDANCE AT SITE MEETING

This is to certify that I, (Name) duly authorised
representative of(Tenderer)

Address:

Date: Visited the site on(date) in
the

presence of(Engineer)

I have made myself familiar with the sites and all the local conditions likely to influence the work and the cost thereof.

I further certify that I am satisfied with the description of the work and explanations given by the said Engineer and that I understand perfectly the work to be done, as specified and implied, in the execution of this contract.

REPRESENTATIVE OF EMPLOYER

REPRESENTATIVE OF TENDERER

FORM 2.2.8 PROPOSED KEY PERSONNEL

The Tenderer shall list below the key personnel **(including first nominee and the second choice alternate) including CV's**, whom he proposes to employ on the project should his Tender be accepted, both at his headquarters and on the Site, to direct and for the execution of the work, together with their qualifications, experience, positions held and their nationalities.

No	Name	Qualification	Designation	YEARS WITH CURRENT COMPANY

Name of Tenderer:

Date: Signature :

Full name of signatory:

FORM 2.2.9 SCHEDULE OF PROPOSED SUB-CONTRACTORS

NAME OF SUB-CONTRACTOR	FULL DESCRIPTION OF WORK TO BE PERFORMED BY SUB- CONTRACTORS

NB: It is **NOT** a Condition of this Contract that a minimum of 30% of the construction work shall be subcontracted to QSEs and EMEs as contemplated in the 'The Broad-Based Black Economic Empowerment Act (No. 53 of 2003) as amended by B-BBEE Act 46 of 2013 (The Act)'. The Contractor shall take all reasonable and practical measures to support, mentor, train, upskill and supervise such subcontractors as envisaged in the Strategic Objectives of the Amended Construction Sector Code.

Acceptance of this tender shall not be construed as approval of all or any of the listed subcontractors. Should any of the subcontractors not be approved subsequent to acceptance of the tender, this shall in no way invalidate this tender, and the tendered unit rates for the various items of work shall remain final and binding, even in the event of a subcontractor not listed above being approved by the Engineer.

Name of Tenderer: Date:

Signature :

Full name of signatory:

FORM 2.2.10 FINANCIAL REFERENCES

FINANCIAL STATEMENTS

I/We agree to furnish an audited copy of the latest set of financial statements together with my/our Directors' and Auditors' report for consideration by the Client.

DETAILS OF TENDERERS BANKING INFORMATION

I/We hereby authorise the Client/Engineer to approach all or any of the following banks for the purposes of obtaining a financial reference:

BANK NAME:										
ACCOUNT NAME: <small>(e.g. ABC Civil Construction cc)</small>										
ACCOUNT TYPE: <small>(e.g. Savings, Cheque etc)</small>										
ACCOUNT NO:										
ADDRESS OF BANK:										
CONTACT PERSON:										
TEL. NO. OF BANK / CONTACT:										
How long has this account been in existence:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">0-6 months</td> <td style="width: 30px; text-align: center;"> <input type="checkbox"/> </td> </tr> <tr> <td style="padding: 2px;">7-12 months</td> <td style="text-align: center;"> <input type="checkbox"/> </td> </tr> <tr> <td style="padding: 2px;">13-24 months</td> <td style="text-align: center;"> <input type="checkbox"/> </td> </tr> <tr> <td style="padding: 2px;">More than 24 months</td> <td style="text-align: center;"> <input type="checkbox"/> </td> </tr> </table>	0-6 months	<input type="checkbox"/>	7-12 months	<input type="checkbox"/>	13-24 months	<input type="checkbox"/>	More than 24 months	<input type="checkbox"/>	(Tick which is appropriate)
0-6 months	<input type="checkbox"/>									
7-12 months	<input type="checkbox"/>									
13-24 months	<input type="checkbox"/>									
More than 24 months	<input type="checkbox"/>									

Name of Tenderer: Date:

Signature :

Full name of signatory:

ATTACH AUDITED
FINANCIAL STATEMENTS

FORM 2.2.11 MUNICIPAL BIDDING DOCUMENTS**MBD 1****PART A
INVITATION TO BID****YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF O. R. TAMBO DISTRICT MUNICIPALITY**

BID NUMBER:	MIS 418 508	CLOSING DATE:	13 JULY 2022	CLOSING TIME:	12.00PM
DESCRIPTION:	CONSTRUCTION OF NYANDENI WARD 1 SANITATION				

BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT:**TENDER BOX, GROUND FLOOR, O. R. TAMBO DISTRICT MUNICIPALITY BUILDING****NELSON MANDELA DRIVE****MYEZO PARK****MTHATHA****EASTERN CAPE****SUPPLIER INFORMATION**

NAME OF BIDDER				
POSTAL ADDRESS				
STREET ADDRESS				
TELEPHONE NUMBER	CODE		NUMBER	
CELLPHONE NUMBER				
FACSIMILE NUMBER	CODE		NUMBER	
E-MAIL ADDRESS				
VAT REGISTRATION NUMBER				
TAX COMPLIANCE STATUS	TCS PIN:		CSD No:	
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]	<input type="checkbox"/> Yes <input type="checkbox"/> No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT	<input type="checkbox"/> Yes <input type="checkbox"/> No

[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER PART B:3]
TOTAL NUMBER OF ITEMS OFFERED		TOTAL BID PRICE	R
SIGNATURE OF BIDDER	DATE	
CAPACITY UNDER WHICH THIS BID IS SIGNED			

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:		TECHNICAL INFORMATION MAY BE DIRECTED TO:	
DEPARTMENT	SCM DEPARTMENT	CONTACT PERSON	MR. N. NOTO
CONTACT PERSON	MR. SAKHIWO HOPA	TELEPHONE NUMBER	047 501 6425
TELEPHONE NUMBER	047 501 6449	FACSIMILE NUMBER	N/A
FACSIMILE NUMBER	N/A	E-MAIL ADDRESS	nkosiyaon@ortambodm.gov.za
E-MAIL ADDRESS	sakhiwoh@ortambodm.gov.za		

PART B**TERMS AND CONDITIONS FOR BIDDING**

1. BID SUBMISSION:
<p>1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.</p> <p>1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED).</p> <p>1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.</p>
2. TAX COMPLIANCE REQUIREMENTS
<p>2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.</p> <p>2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.</p> <p>2.3 APPLICATION FOR THE TAX COMPLIANCE STATUS (TCS) CERTIFICATE OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.</p> <p>2.4 FOREIGN SUPPLIERS MUST COMPLETE THE PRE-AWARD QUESTIONNAIRE IN PART B:3.</p> <p>2.5 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.</p> <p>2.6 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.</p> <p>2.7 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.</p>
3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS
<p>3.1. IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>3.2. DOES THE ENTITY HAVE A BRANCH IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>3.3. DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>3.4. DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>3.5. IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.</p>

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID. NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

DATE:

DECLARATION OF INTEREST

1. No bid will be accepted from persons in the service of the state¹.
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.
3. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.
 - 3.1 Full Name of bidder or his or her representative:
 - 3.2 Identity Number:
 - 3.3 Position occupied in the Company (director, trustee, shareholder²):
.....
 - 3.4 Company Registration Number:
 - 3.5 Tax Reference Number:
 - 3.6 VAT Registration Number:
 - 3.7 The names of all directors / trustees / shareholders members, their individual identity numbers and state employee numbers must be indicated in paragraph 4 below.
 - 3.8 Are you presently in the service of the state?..... **YES / NO**
 - 3.8.1 If yes, furnish articular.....
.....

¹ MSCM Regulations: "in the service of the state" means to be –

- (a) a member of –
 - I. any municipal council;
 - II. any provincial legislature; or
 - III. the national Assembly or the national Council of provinces;
- (b) a member of the board of directors of any municipal entity;
- (c) an official of any municipality or municipal entity;
- (d) an employee of any national or provincial department, national or provincial public entity 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 entity; or
- (f) an employee of Parliament or a provincial legislature.

² 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.

3.9 Have you been in the service of the state for the past twelve months? **YES / NO**

3.9.1 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**

3.10.1 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**

3.11.1 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**

3.12.1 If yes, furnish particular

.....

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**

3.13.1 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**

3.14.1 If yes, furnish particulars.....

.....

3. Full details of directors / trustees / members / shareholders.

Full name	Identity number	State employee number

.....
Signature

.....
Date

.....
Capacity

.....
Name of Bidder

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:

NO.	QUESTION	ANSWER (TICK WHICH RESPONSE IS APPLICABLE)	
		YES	NO
1.	Are you by law required to prepare annual financial statements?		
1.1	If yes, submit audited annual financial statements for the past three years or since the date of establishment if established during the last 3 years.		

NO.	QUESTION	ANSWER (TICK WHICH RESPONSE IS APPLICABLE)	
		YES	NO
2.	Do you have any outstanding undisputed commitments for municipal services towards any municipality for more than 3 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 3 months or other service provider in respect of which payment is overdue for more than 30 days.		
2.2	If yes, provide details:		

NO.	QUESTION	ANSWER (TICK WHICH RESPONSE IS APPLICABLE)	
		YES	NO
3.	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 details:		

NO.	QUESTION	ANSWER (TICK WHICH RESPONSE IS APPLICABLE)	
		YES	NO
4.	Will any portion of the goods of services be sourced from outside the Republic, and if so, what portion, and whether any portion of payment from the municipality is expected to be transferred outside of the Republic?		
4.1	If yes, provide details:		

CERTIFICATION

I, THE UNDERSIGNED (NAME)
CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS
CORRECT.

I ACCEPT THAT THE STATE MAY ACT AGAINST ME SHOULD THIS THIS
DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1 This Municipal Bidding Document must form part of all bids invited.
- 2 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 The bid of any bidder may be rejected if that bidder, or any of its directors have:
 - a. abused the municipality's / 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. willfully neglected, reneged on or failed to comply with any government, municipal or other public sector contract during the past five years; or
 - 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 In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question	Yes	No
4.1	<p>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?</p> <p>(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).</p> <p>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.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	<p>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)?</p> <p>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.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>

4.2.1	If so, furnish 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 <input type="checkbox"/>	No <input type="checkbox"/>
4.3.1	If so, furnish particulars:		
Item	Question	Yes	No
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 <input type="checkbox"/>	No <input type="checkbox"/>
4.4.1	If so, furnish 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 <input type="checkbox"/>	No <input type="checkbox"/>
4.7.1	If so, furnish particulars:		

CERTIFICATION

I, THE UNDERSIGNED (FULL NAME) CERTIFY
THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM 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.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Municipal Bidding Document (MBD) must form part of all bids¹ invited.
- 2 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 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 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 In order to give effect to the above, the attached Certificate of Bid Determination (MBD 9) must be completed and submitted with the bid:

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.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid: **PROJECT NO.: MIS 418 508: CONSTRUCTION OF NYANDENI WARD 1 SANITATION** in response to the invitation for the bid made by: **O. R. TAMBO DISTRICT MUNICIPALITY** do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: _____ that:

(Name of Bidder)

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; and
 - (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; or
- (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.

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.*

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.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

T2.3 RETURNABLE DOCUMENTS

RETURNABLE DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT

Form 2.3.1 Record of Addenda to Tender Documents

Form 2.3.2 Procurement Form

FORM 2.3.1 RECORD OF ADDENDA TO TENDER DOCUMENTS

(Addenda received from Engineer for amendments on Tender Documentation)

	Date	Title or Details
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Name of Tenderer:

Date:

Signature :

Full name of signatory:

FORM 2.3.2 PROCUREMENT FORM

Acceptable Tenders will be evaluated using a system that awards points on the basis of Tender price and the meeting of specific goals.

DEFINITIONS

“Acceptable Tender” means any Tender which, in all respects, complies with the conditions of Tender and specifications as set out in the Tender document, including conditions as specified in the Preferential Procurement Policy Framework Act (Act 5 of 2000) and the Supply Chain Management of Council.

“Council” refers to the O. R. TAMBO DISTRICT Municipality.

“Equity ownership” refers to the percentage ownership and control, exercised by individuals within an enterprise and they are involved in the day to day running of the Company.

“HDI equity ownership” refers to the percentage of an enterprise, which is owned by individuals, or in the case of a company, the percentage shares that are owned by individuals meeting the requirements of the definition of a HDI.

“Historically disadvantaged individuals (HDIs)” means all South African citizens –

- (i) Who had no franchise in national elections prior to the introduction of the 1983 and 1993 constitutions (Referred to as Previously Disadvantaged Individuals (PDIs) in this document)
- (ii) Women
- (iii) Disabled persons.

“SMME’s” (small, medium and micro enterprises) refers to separate and distinct business entities, including co-operative enterprises and NGOs, managed by one owner or more, as defined in the National Small Business (Act 102 of 1996). Refer to the attached addendum for a definition of SMME’s for different economic sectors.

Tenders are adjudicated in terms of NDM Procurement Policy, and the following framework is provided as a guideline in this regard.

1. Technical adjudication and General Criteria

- Tenders will be adjudicated in terms of inter alia:
- Compliance with Tender conditions
- Technical specifications

If the Tender does not comply with the Tender conditions, the Tender will be rejected. If technical specifications are not met, the Tender may also be rejected.

With regard to the above, certain actions or errors are unacceptable, and warrants **REJECTION OF THE TENDER**, for example:

- A Tax Verification Pin. (**Only valid tax verification pin** must be attached to the Tender document).
- Pages to be completed, removed from the Tender document, and have therefore not been submitted.
- Failure to complete the schedule of quantities as required

- Scratching out without initialling next to the amended rates or information.
- Writing over / painting out rates / the use of tippex or any erasable ink, eg. Pencil.
- Failure to attend compulsory site inspections
- The Tender has not been properly signed by a party having the authority to do so, according to the **Form 2.2.2 – “Authority for Signatory”**
- No authority for signatory submitted.
- Form of Offer not completed.
- Particulars required in respect of the Tender have not been provided – non-compliance of Tender requirements and/or specifications.
- The Tenderer’s attempts to influence, or has in fact influenced the evaluation and/or awarding of the contract.
- The Tender has been submitted after the relevant closing date and time
- Each page of the Contract portion of this Tender document (Part C1 – C4) must be initialled by the authorised person in order for the document to constitute a proper Contract between the Employer (ORTDM) and the undersigned.
- If any municipal rates and taxes or municipal service charges owed by that Tenderer or any of its directors to the municipality, or to any other municipality or municipal entity, are in arrears for more than three months.
- If any Tenderer who during the last five years has failed to perform satisfactorily on a previous contract with the municipality or any other organ of state after written notice was given to that Tenderer that performance was unsatisfactory.

2. Size of enterprise and current workload

Evaluation of the Tenderer’s position in terms of:

- Previous and expected current annual turnover
- Current contractual obligations
- Capacity to execute the contract

3. Staffing profile

Evaluation of the Tenderer’s position in terms of:

- Staff available for this contract being Tendered for
- Qualifications and experience of key staff to be utilised on this contract

4. Financial ability to execute the contract:

Evaluation of the Tenderer’s financial ability to execute the contract. Emphasis will be placed on the following:

- Contact the Tender’s bank manager to assess the Tenderer’s financial ability to execute the contract and the Tenderer hereby grants his consent for this purpose.

5. Good standing with SA Revenue Services

- Determine whether an original valid tax verification pin has been submitted.
- The Tenderer must affix an original valid Tax Verification Pin to page T2.2.9 of the Tender document.

6. Penalties

The O. R. Tambo District Municipality will if upon investigation it is found that a preference in terms of the Contract has been obtained on a fraudulent basis, or any specified goals are not attained in the performance of the contract, on discretion of the Municipal Manager, one or more of the following penalties will be imposed:

- Cancel the contract and recover all losses or damages incurred or sustained from the Tenderer.
- Impose a financial penalty of twice the theoretical financial preference associated with the claim, which was made in the Tender.
- Restrict the suppliers, its shareholders and directors on obtaining any business from the O. R. Tambo District Municipality for a period of 5 years.

DECLARATION

I/We the undersigned, who warrants that he/she is duly authorised to do so on behalf of the firm, certifies that the items mentioned in part of the foregoing procurement form and returnable documents qualifies/qualify for the preference(s) shown and acknowledge(s) that:

The information furnished is true and correct.

The contractor may be required to furnish documentary proof to the satisfaction of the O. R. Tambo District Municipality that the claims are correct.

If the claims are found to be inflated, the O. R. Tambo District Municipality may, in addition to any other remedy it may have, recover from the contractor all cost, losses or damages incurred or sustained by the O. R. Tambo District Municipality as a result of the award of the contract and/or cancel the contract and claim any damages which the O. R. Tambo District Municipality may suffer by having to make less favourable arrangements after such cancellation.

Signature of Tenderer

Signed at _____ on _____ day of _____ 202__

For the tenderer

WITNESSES:

1. _____

2. _____

C1 AGREEMENTS AND CONTRACT DATA

C1.1 Form of Offer and Acceptance

C1.2 Contract Data

C1.3 Special Condition

C1.4 Occupational Health and Safety Specification

FORM C1.1**FORM OF OFFER AND ACCEPTANCE****FORM OF OFFER**

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract in respect of the following works: **PROJECT: MIS 418 508: CONSTRUCTION OF NYANDENI WARD 1 SANITATION.**

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 an amount to be determined in accordance with the Conditions of Contract identified in the Contract Data.

THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS

.....

..... Rand (in words); R (in figures).

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.

Signature(s) _____

Name(s) _____

Capacity _____

For the tenderer

 (Name and address of organisation)

Name & Signature

Of Witness

 Name

 Date

ACCEPTANCE

By signing this part of this Form of Offer and Acceptance, the Employer identified below accepts the Tenderer's Offer. In consideration thereof, the Employer shall pay the 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 1 Agreements and Contract Data (which includes this Agreement)
- Part 2 Pricing Data
- Part 3 Scope of Work
- Part 4 Site information
- Part 5 Additional Relevant Documentation
- Part 6 Contract Drawings

and drawings and documents or parts thereof, which may be incorporated by reference into Parts 1 to 6 above.

Deviations from and amendments to the documents listed in the Tender Data, including the proposed key personnel 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 representative(s) 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 fulfil 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(s) _____

Name(s) _____

Capacity _____

For the tenderer _____

(Name and address of organisation)

Name & Signature

Of Witness _____

Name

Date

SCHEDULE OF DEVIATIONS

Notes:

1. The extent of deviations from the tender documents issued by the Employer prior to the tender closing date is limited to those permitted in terms of the Conditions of Tender.
2. A Tenderer's covering letter shall not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid becomes the subject of agreements reached during the process of Offer and Acceptance; the outcome of such agreement shall be recorded here.
3. Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents and which it is agreed by the Parties becomes an obligation of the contract, shall also be recorded here.
4. Any change or addition to the tender documents arising from the above agreements and recorded here shall also be incorporated into the final draft of the Contract.

1 Subject _____

Details _____

2 Subject _____

Details _____

3 Subject _____

Details _____

4 Subject _____

Details _____

5 Subject _____

Details _____

6 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:

Signatures (s) _____

Name(s) _____

Capacity _____

(Name and address of Organisation)

Name & Signature

Of Witness _____ Date _____

FOR THE EMPLOYER

Signatures (s) _____

Name(s) _____

Capacity _____

(Name and address of Organisation)

Name & Signature

Of Witness _____ Date _____

FORM C1.2 CONTRACT DATA**PART 1: DATA PROVIDED BY THE EMPLOYER**

The contract data of this contract are:

- C1.2.1 Conditions of Contract
- C1.2.2 Data provided by the Employer
- C1.2.3 Data provided by the Contractor
- C1.2.4 Special Conditions of Contract

C1.2.1 Conditions of Contract

The General Conditions of Contract for Construction Works 3rd Edition (2015) published by the South African Institution of Civil Engineering, is applicable to this contract. Copies of these conditions of contract may be obtained from the South African Institution of Civil Engineering www.saice.org.za

The General Conditions of Contract for Construction Works make several references to the Contract Data for specific data, which together with these conditions collectively describe the risks, liabilities, and obligations of the contracting parties and the procedures for the administration of the Contract. The Contract Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the general conditions of contract.

Part C1.2.2 Data Provided by The Employer

Notes to Tenderer:

1. The Tenderer is not required to complete this data in full.
2. Please read both the General Conditions of Contract for Construction Works, Third Edition, 2015. (GCC 2015) and the relevant parts of its Guidance Notes to understand the implications of this Data which the tenderer is required to complete.
3. The number of the clause which requires the data is shown in the left-hand column for each statement; however, other clauses may also use the same data
4. Each item of data given below is cross-referenced to the clause in the General Conditions of Contract for Construction Works to which it mainly applies.
5. The following contract specific data are applicable to this Contract:

Clause	Statement	Data
	The <i>conditions of contract</i> are	the General Conditions of Contract for Construction Works, Third Edition, 2015. (GCC 2015)
1		General
1.1.1.13	<i>Defects Liability Period</i> is	06 months (Six) after the Completion Date
1.1.1.14	<i>Due Completion Date</i> is	04 months (Four) from the <i>Commencement Date</i>
1.1.1.15	The <i>Employer</i> is	O. R. Tambo District Municipality
1.1.1.16	The <i>Employer's Agent</i>	To which this <i>Contract</i> relates shall be the delegated individual specified in writing by the Employer within seven days of the commencement date.
1.1.1.17	The <i>Employer's Agent Representative</i>	To which this <i>Contract</i> relates shall be the delegated individual specified in writing by the Employer's Agent within seven (7) days of the commencement date.
1.1.1.26	The <i>Pricing Strategy</i> is	A <i>re-measurement contract</i>
1.1.1.29	The <i>Site</i> is	All villages within the boundaries of Nyandeni Ward 1
1.1.1.30	The <i>Site Information</i> is	Specified in Part C4 : Site Information of this document
1.1.1.33	The <i>Works</i> are	Specified in Part C3: Employer's Works Information of this document
1.2.1	The <i>Employer's</i> delivery address is	
	Physical Address	O. R. Tambo House Nelson Mandela Drive Mthatha 5100
	Postal Address	Private Bag X 6043 Mthatha 5100
	Email Address	Shall be specified by the <i>Employer</i> within seven

days of the commencement date.

1.2.1	The <i>Employer's Agent's</i> delivery address	shall be specified by the <i>Employer</i> within seven days of the commencement date.
1.3.2	The law of the contract is the law of	the Republic of South Africa that applies to agreements executed and wholly performed within the Republic of South Africa
1.3.3	The <i>language of this Contract</i> is	English

3**Employer's Agent**

3.2.3	The <i>Employer's Agent</i> shall first consult and obtain specific approval	from the <i>delegated Principal Consultant, Likhithanande Engineers</i> , prior to issuance of any ruling, with respect to following clauses: <ol style="list-style-type: none"> the <i>Employer's Agent's</i> ruling on Contractor's Claims as contemplated in Clause 10.1.5 the <i>Employer's Agent's</i> ruling on dissatisfaction as contemplated in Clause 10.2.3
3.2.4	The <i>Employer's Agent</i> for Health and Safety	to which this Contract relates shall be the delegated individual specified in writing by the Employer's Agent within seven days of the commencement date.
	Address	
	Tel No	Shall be specified by the Employer within seven days of the commencement date.
	Email	
3.2.4 A	The <i>Employer's Agent</i> for Social Facilitation	to which this Contract relates shall be the delegated individual specified in writing by the Employer's Agent within seven days of the commencement date.
	Address	
	Tel No	Shall be specified by the Employer within seven days of the commencement date.
	Email	
3.3.4	The <i>Employer's Agent</i>	shall be in writing delegate its responsibilities for institutional social development to an individual within seven days of the commencement date.
	Address	[•]
	Tel No	[•]
	Email	[•]

5**Time and Related Matters**

5.1.1	The special non-working days set out in the <i>Contract</i> are	the following: <ol style="list-style-type: none"> South African Public Holidays, and annual builders' holiday traditionally starts on or around 16 December and ends in the second week of January.
5.3.1	The <i>Engineer's Agent</i> shall issue an instruction to the Contractor to commence with the Work	On approval of the following documentation: <ol style="list-style-type: none"> <i>Design Package</i>

2. Health and Safety File
3. Initial Programme (Clause 6.2.1)
4. Performance Guarantee (Clause 6.2.1)
5. Insurance for the Works (Clause 6.2.1)

Which will be within **Seven (07) days** after the approval of the Documentation required from the Contractor

5.3.2	The Contractor is to submit the documentation stipulated in clause 5.3.1	Within Seven (07) days of the Commencement Date
5.4.1	Access to and possession to the Site	is granted on the date of the site handover meeting which should occur no later than Seven (7) days after Employer's Agent's instruction to commence carrying out the Works referred to in Clause 5.3.1.
5.8.1	The non-working days and special non-working days set out in the <i>Contract</i> are	the following: <ol style="list-style-type: none"> 1. weekends, 2. South African Public Holidays, and 3. annual builders' holiday traditionally starts on or around 16 December and ends in the second week of January.
5.13.1	The penalty for delay or late completion is	R1,500 per day
5.14.1	Practical Completion is achieved	as specified in Part C3: Employer's Works Information of this document, which is when all happy letters have been signed by the <i>Employer's Agent's Representative, Contractor, and Employer's Agent for Institutional Social Development</i> and the household beneficiary for the whole of the Works.

6

Payment and related matters

6.2.1	The performance guarantee for liability of the <i>Contractor</i> for claims made against the <i>Contractor</i> arising out of the <i>Contractor's</i> failure to deliver the requested <i>Works</i> per the standards, practices, methods and procedures conforming to applicable laws and exercising that degree of skill, care, diligence, prudence and foresight that would reasonably and ordinarily be expected from a skilled and experienced person engaged in a similar type of undertaking under similar circumstance is	10% of the Contract Price
6.2.1A	Where the SMME service provider could not be able to arrange sureties prior to awarding of the contract, surety amounts shall be deducted from the first (03) three progress payment certificate based on work certified	10% of the Contract Price
6.8.2	Contract Price Adjustment Factor	is NOT applicable for this contract
6.10.1.5	The advance payment percentage limit for plant and materials delivered to <i>Site</i> but not yet built into the <i>Permanent Works</i> is	(NIL) 0% of the value of the materials Only Completed Structures will be paid for by the Client.
6.10.1.5	The advance payment percentage limit for plant and materials not yet supplied to <i>Site</i>	is NOT applicable for this contract

6.10.1.5	The Contractor shall produce the following documents prior to the payment of the percentage limit
	<ol style="list-style-type: none"> 1. documentary proof of ownership of such plant and materials in the form of invoice 2. delivery notes of such plant and materials signed by <i>Employer's Agent Representative</i> and <i>Contractor</i> 3. indemnity signed by the <i>Employer</i>, indemnifying the <i>Employer</i> against any claim to or in respect of such plant and/or materials by reason of the Contractor's sequestration or liquidation, or of any defect in the Contractor's title to the Plant and/or materials.

6.10.3	The percentage retention is	10% of the value of the Works
--------	-----------------------------	--------------------------------------

6.10.3	The limit of retention money is	5% of the value of the Works
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8 Risks and related matters

8.6.1.1.2	The value of plant and materials supplied by the Employer to be included in the insurance sum is	NIL
8.6.1.1.3	The minimum limit of professional indemnity for claims made against the Contractor arising out of his failure to use the skill and care normally used by professionals providing design services similar to the Works	R5,000,000
8.6.1.3	The minimum limit of indemnity for insurance in respect of loss of or property damage (except for the <i>Works</i> , Plant and Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the <i>Contractor</i>) caused by activity in connection with this <i>Contract</i> for any one event is:	R5,000,000
8.6.1.5	<ol style="list-style-type: none"> a) The minimum limit of indemnity for insurance in respect of loss of or damage to the Works, Plant and Materials b) The minimum limit of indemnity for insurance in respect of the death of or bodily injury to employees of the <i>Contractor</i> arising out of and in the course of their employment in connection with this <i>Contract</i> for any one event is 	<p>the replacement cost thereof.</p> <p>As prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 and the <i>Contractor's</i> common-law liability for people falling outside the scope of the Act with a limit of indemnity of not less than R1 000 000 (One Million South African Rand).</p>

10 Claims and disputes

10.5.3	The Adjudication Board shall consist of	one (1) member
10.7.1	The determination of disputes shall be by arbitration	
10.7.2	The arbitration procedure is	the latest edition of Rules for the Conduct of Arbitrations published by the Association of Arbitrators (Southern Africa) or its successor body.
	The place where arbitration is to be held is	Mthatha
	The person who shall choose an arbitrator	the Chairman of the Association of Arbitrators (www.arbitrators.co.za) or its successor body.

Part C1.2.3 Data Provided by The Contractor

Notes to Tenderer:

6. The Tenderer is required to complete this data in full.
7. Please read both the General Conditions of Contract for Construction Works, Third Edition, 2015. (GCC 2015) and the relevant parts of its Guidance Notes to understand the implications of this Data which the tenderer is required to complete.
8. The number of the clause which requires the data is shown in the left-hand column for each statement; however, other clauses may also use the same data

Clause	Statement	Data
	The <i>conditions of contract</i> are	the General Conditions of Contract for Construction Works, Third Edition, 2015. (GCC 2015)
1		General
1.1.1.9	The Contractor is	
1.2.1	The Contractor's delivery address is	
	Physical Address	
	Postal Address	
	Email Address	
4	Contractor's General Obligations	
4.10.2	The Contractor shall provide monthly reports outlining compliance with CPG, EPWP objectives to the Employer;	<p>at intervals specified in Part C3: Employer's Works Information of this document. The report should outline the following:</p> <ol style="list-style-type: none"> 1. its equity ownership and control and, where applicable, that of its duly appointed <i>Subcontractors</i> and/or suppliers. 2. its total spends on targeted enterprises used to fulfil its obligations in terms of the contract. 3. any transformation programmes and/or initiatives relating to skills development and transfer, employment equity and enterprise development of the <i>Subcontractors</i> and <i>Target Individuals</i>; and 4. any public benefits and/or job opportunities created according to the fulfilment of its obligations in terms of the contract

4.11.1 The Contractor's Competent Employees are:

Title **Construction Manager**

Name

Qualifications

Tel No

Email

Title **Site Agent/Foreman**

Name

Qualifications

Tel No

Email

Title **Safety Officer**

Name

Qualifications

Tel No

Email

SACPMP Registration Number

Should the Contractor decide to use other Personnel rather than the one's listed above, must do it in writing, and the proposed Personnel must have the same or very similar Qualifications and Experience.

Part C1.4 Special Conditions of Contract

Notes to Tenderer:

1. Particular Conditions of the Contract defines conditions that are specific to a Project.
2. The Particular Conditions of the Contract are used for addition/ omission and change of General Conditions of the Contract.
3. The number of the clause which requires the data is shown in the left-hand column for each statement; however, other clauses may also use the same data

Clause	Statement	Data
Amendment of GCC 2015 Clauses		
2.4.1	<i>Ambiguity and discrepancy</i> Insertion of additional wording:	<p>All parts of the Contract should be read together and that their original purpose is to be mutually explanatory. However, if there is a discrepancy between the information provided, the order of priority of contract documents is as stated below:</p> <ol style="list-style-type: none"> 1. the Contract Agreement 2. the Letter of Acceptance (this is the formal acceptance of the contractor's tender and usually presents the point in time when Contractual Parties enter the Contract), 3. the Contract Data, 4. the Particular Conditions of the Contract 5. the General Conditions of the Contract, 6. the Specification, 7. the Drawings, and 8. the Schedules and any other document forming part of the Contract <p>In the event of a discrepancy or ambiguity, the document of higher priority takes precedence.</p>
2.5.1	<i>Assignment</i> Delete wording and replace with the following:	<p>The Employer will, at all times, be entitled to cede its rights and/or delegate its obligations under this Contract and/or assign this Contract to any financier and/or nominee of any financier of the Employer for purposes of the programme. Any cession and/or delegation and/or assignment by the Employer to any such financier or nominee of any financier is expressly permitted. The Contractor shall, if requested thereto by the Employer and/or any such financier, sign a separate authority giving effect to the aforementioned in such form as the Employer and/or any financier of the Employer may reasonably require</p> <p>The Employer will, at all times, be entitled to cede its rights and/or delegate its obligations under this Contract and/or assign this Contract to any financier and/or nominee of any financier of the Employer for</p>

purposes of the programme. Any cession and/or delegation and/or assignment by the Employer to any such financier or nominee of any financier is expressly permitted. The Contractor shall, if requested thereto by the Employer and/or any such financier, sign a separate authority giving effect to the aforementioned in such form as the Employer and/or any financier of the Employer may reasonably require

The *Contractor* shall not be entitled to cede any of its rights and/or delegate any of its obligations under this *Contract* to any person without the prior written consent of the *Employer*.

5.4.1 Access to and possession of Site

Insertion of additional wording:

The *Employer* allows access to, possession and use of each part of the Site to the *Contractor* which is necessary for the work included in this contract. The *Employer* shall grant access and use of the Site no later than Seven (7) days after *Employer's Agent's* instruction to commence with the Works.

If the *Employer* does not give the *Contractor* access to, possession and use of the Site within Seven (7) days of the *Employer's Agent* instruction to commence with the Works, access to, possession and use of the Site shall be as the date when *Employer's Agent* instructed the Contractor to commence with the Works.

There are limitations on Site; Not all households are accessible by any type of motorised equipment. Hard rock may be encountered within depths of a 1.0m or less

9.2.1 Termination by the Employer

Insertion of additional wording

9.2.1.3.9 Has substantially broken a health or safety regulation.

9.2.1.3.10 Failure to conclude the requisite subcontracts after being awarded a Contract, within the period stipulated therefore and otherwise as directed by the Employer

9.2.1.3.11 Failure to obtain access to Site due to non-compliant documentation as stated in clause 5.3.1

9.2.1.4 Where the Works are no longer required

9.2.1.5 Where the funding for the Works is no longer available

9.2.1.6 An event occurs that stops the Contractor from completing the works by the date shown on the Accepted Programme and is forecast to delay Completion by more than 13 weeks

9.2.1.7 The Service Provider becomes insolvent or Liquidated

9.2.1.8 If as a result of Force Majeure, the Service provider is unable to perform part or the whole service for a period of thirty 30 days.

SPCC1	Right of Retention
SPCC1.1	The <i>Contractor</i> hereby waives and abandons any and all lien and/or any other right of retention that the <i>Contractor</i> now has or in future may have, in terms of the Contract, the common law or otherwise, in respect of the works, the Site or any property belonging to the <i>Employer</i> and shall under no circumstances be entitled to withhold delivery of the same to the <i>Employer</i> . The <i>Contractor</i> warrants that all Subcontractors shall, mutatis mutandis, waive and abandon any such Subcontractor's lien or any other right of retention, in favour of the <i>Employer</i> .
SPCC2	Joint Ventures
SPCC2.1	Suppose the <i>Contractor</i> constitutes a joint venture, consortium, or other unincorporated groupings of two or more persons or organisations. In that case, these persons or organisations are deemed to be jointly and severally liable to the <i>Employer</i> for the performance of this <i>Contract</i> .
SPCC2.2	Unless already notified to the <i>Employer</i> , the persons or organisations notify the <i>Employer's Agent</i> within two weeks of the date of acceptance of the Contract of the key person who has the authority to bind the <i>Contractor</i> on their behalf.
SPCC2.3	The <i>Contractor</i> does not alter the composition of the joint venture, consortium, or other unincorporated groupings of two or more persons without the consent of the <i>Employer</i> having been given to the <i>Contractor</i> in writing.
SPCC2.4	Nothing in this Contract shall be deemed to create any joint venture, partnership or principal-agent relationship between the Parties and neither Party shall hold itself out in its advertising or otherwise in any manner which would indicate or imply such relationship with the other Party according to this Contract
SPCC2.5	The <i>dissolution</i> of the <i>Joint Venture</i> shall be deemed as a separation and that constitutes the Contract to be Terminated
SPCC3	Broad-Based Black Economic Empowerment (B BBEE) Status
SPCC3.1	Where a change in the <i>Contractor's</i> legal status, ownership or any other change to his business composition or business dealings results in a change to the <i>Contractor's</i> B-BBEE status, the <i>Contractor</i> notifies the <i>Employer</i> within seven days of the change.
SPCC3.2	The <i>Contractor</i> is required to submit an updated verification certificate and necessary supporting documentation confirming the change in his B-BBEE status to the <i>Employer's Agent</i> within thirty days of the notification or as otherwise instructed by the <i>Employer's Agent</i> .
SPCC3.3	Where, as a result, the <i>Contractor's</i> B-BBEE status has decreased since the Contract Date, the <i>Employer</i> may either re-negotiate this <i>Contract</i> or terminate the <i>Contractor's</i> obligation to Provide the Works.
SPCC3.4	Failure by the <i>Contractor</i> to notify the <i>Employer</i> of a change in its B-BBEE status constitutes a reason for termination.
SPCC4	Illegal or Corrupt Practices
SPCC4.1	Any offer, payment, consideration, or benefit of any kind made by the <i>Contractor</i> , which constitutes or could be construed either directly or indirectly as an illegal or corrupt practice, an inducement or reward for the award or in the execution of this <i>Contract</i> constitutes grounds for terminating the <i>Contractor's</i> obligation to Provide the Works or taking any other action as appropriate against the <i>Contractor</i> (including civil or criminal action).
SPCC4.2	The <i>Employer</i> may terminate the <i>Contractor's</i> obligation to provide the Works if the <i>Contractor</i> (or any member of the <i>Contractor</i> where the <i>Contractor</i> constitutes a joint venture, consortium or other unincorporated groupings of two or more persons or organisations), or a director of any such entity, is found guilty by a competent court, administrative or regulatory body of participating in illegal or corrupt practices.
SPCC4.3	Such practices include, but are not limited to, the making of offers, payments, considerations, or benefits of any kind or otherwise, whether in connection with any procurement process or contract

with the *Employer* or other people or organisations and including in circumstances where the *Contractor* or any such member is removed from the approved vendor database of the *Employer* as a consequence of such practice.

SPCC5	Confidentiality
SPCC5.1	The <i>Contractor</i> does not disclose or make any information arising from or in connection with this <i>Contract</i> available to Others. This undertaking does not, however, apply to information which at the time of disclosure or thereafter, without default on the part of the <i>Contractor</i> , enters the public domain or to information which was already in possession of the <i>Contractor</i> at the time of disclosure (evidenced by written records in existence at that time). Should the <i>Contractor</i> disclose information to Others in terms of clause 25.1, the <i>Contractor</i> ensures that the provisions of this clause are complied with by the recipient.
SPCC5.2	Any information communicated by the <i>Employer</i> to the <i>Contractor</i> in connection with the <i>Contract</i> and any secret and/or confidential information of the <i>Employer</i> otherwise acquired by the <i>Contractor</i> shall be regarded by the <i>Contractor</i> as strictly confidential and shall not, without the prior written consent of the <i>Employer</i> in each instance, be published or disclosed to any other party or be used for any purpose whatsoever other than to execute the Works.
SPCC5.3	If the <i>Contractor</i> is uncertain about whether any such information is confidential, it is to be regarded as such until notified otherwise in writing by the <i>Employer's Agent</i> .
SPCC5.4	Suppose the <i>Contractor</i> is, at any time, required by law to disclose any such information which is required to be kept confidential. In that case, the <i>Contractor</i> , to the extent permitted by law before disclosure, notifies the <i>Employer</i> so that an appropriate protective order and/or any other action can be taken if possible, before any disclosure. If such protective order is not, or cannot, be obtained, then the <i>Contractor</i> may only disclose that portion of the information which it is required to be disclosed by law and uses reasonable efforts to obtain assurances that confidential treatment shall be afforded to the information so disclosed.
SPCC5.5	The taking of images (whether photographs, video footage or otherwise) of the works or any portion thereof, in the course of Providing the Works and after Completion, requires the prior written consent of the <i>Employer's Agent</i> . All rights in and to all such images vests exclusively in the <i>Employer</i> .
SPCC5.6	The <i>Contractor</i> ensures that all his subcontractors abide by the undertakings in this clause.
SPCC6	Existing Services and Housekeeping
SPCC6.1	The Site may be in continuous operation and, accordingly, the <i>Contractor</i> shall assume that existing services and access ways shall be in continuous use and fully operational at all times. The <i>Contractor</i> shall be held responsible for repair or making good of existing installations that may be required due to any act or omission of whatever nature by the <i>Contractor</i> and for any costs to the <i>Employer</i> which may arise, due to the <i>Contractor</i> preventing in any manner whatever the normal operation and use of such services and access ways.
SPCC6.2	During the execution of the Works, the <i>Contractor</i> shall keep the Site reasonably free from all unnecessary obstructions and shall store or dispose of any <i>Contractor's</i> Equipment and surplus materials and without delay clear away and remove from the Site any wreckage, rubbish or temporary works no longer required.
SPCC6.3	The <i>Contractor</i> must use and/or attend to all areas of the Site which are used by it or under its control from time to time in a safe, professional and responsible manner.
SPCC6.4	The <i>Contractor</i> shall be responsible for all areas of the Site which are used by it or under its control from the time the area in question is made available to the <i>Contractor</i> until the time the <i>Employer</i> requires the Site to be returned to it or otherwise when the <i>Contractor</i> demobilises from the area of the Site in question and returns to the <i>Employer</i> all of the <i>Employer's</i> property.
SPCC6.5	The <i>Contractor</i> must ensure that all such areas of the Site are kept at all times in a safe, clean and hygienic condition and in good working order and repair and the <i>Contractor</i> shall promptly repair, at its cost, any damage to the Site which is attributable to the <i>Contractor</i> or its employees of sub-contractors, failing which the <i>Employer</i> shall be entitled to repair the Site and recover the cost of such repairs from the <i>Contractor</i> .
SPCC6.6	Any damages suffered by the <i>Employer</i> as aforesaid shall be paid by the <i>Contractor</i> within ten business days or shall be set off against any amounts owing to the <i>Contractor</i> by the <i>Employer</i> .
SPCC6.7	The <i>Contractor</i> shall not unnecessarily interfere with the operations of the <i>Employer</i> or Others at

	the <i>Site</i> . The <i>Employer</i> has the right to refuse access to the <i>Site</i> to any of the <i>Contractor's</i> employees, representatives and/or subcontractors whom it suspects of being a health and safety or other risk.
SPCC6.8	The <i>Contractor</i> shall not have any lien or right of retention in respect of the <i>Site</i> , the <i>works</i> and/or any other property belonging to the <i>Employer</i> .

SPCC7 Indemnity against *Contractor's* Design

SPCC7.1	The <i>Contractor</i> indemnifies and keeps indemnified the <i>Employer</i> against any losses and costs, including legal costs between attorney and client, and all other expenses whatsoever that the <i>Employer</i> may incur as a result of any action, proceeding or claim made against the <i>Employer</i> arising from the use of a design constituting an infringement of patent rights, design registration, registered trademarks or other exclusive rights in respect thereof. This indemnity does not apply to any infringement which is solely due to the <i>Contractor</i> having followed in its entirety instructions stipulated by the <i>Employer</i> .
SPCC7.2	The <i>Employer</i> shall give the <i>Contractor</i> prompt notice of any such action, proceeding, claim or threat instituted or made against it or both of them. Promptly after the giving of such notice the Parties are to consult together about the subject of the notice and the <i>Employer</i> may at its option decide to a) permit the <i>Contractor</i> at the <i>Contractor's</i> own expense to conduct any litigation that may ensue and all negotiations for a settlement of such litigation or claim with the proviso that the <i>Contractor</i> keeps the <i>Employer</i> informed of all steps that are taken and of the outcome; or b) conduct any litigation that may ensue and all negotiations for a settlement, in which event the <i>Employer</i> shall act in consultation with the <i>Contractor</i> and shall keep the <i>Contractor</i> informed of all aspects that are taken and of the outcome.
SPCC7.3	The <i>Contractor</i> hereby cedes and agrees to cede all intellectual property, excluding intellectual property in respect of which the <i>Contractor</i> can demonstrate proprietorship prior to the date of signature hereof, but including intellectual property specifically developed by the <i>Contractor</i> on behalf of the <i>Employer</i> under instruction and payment by the <i>Employer</i> and including all current and future technical information relating to the works; technical concepts; know-how; specifications; data; formulae; computer programs; design; patent and / or applications in respect thereof; copyrighted works; memoranda; scripts; reports; manuals; diagrams; drawings; including engineering drawings; prototypes; drafts in performing the works, whether completed or not and whether accepted, amended or rejected, and the like relating to the works, whether patented or not, and includes all intellectual property relating to the works developed by or on behalf of the <i>Employer</i> , to the <i>Employer</i> , its successors, assigns or legal representatives locally and / or internationally, together with the right to apply for Letters Patent in respect thereof.
SPCC7.4	It is further agreed that the <i>Employer</i> may apply in its name and its own cost for Letters Patent in respect of such inventions and registration of such designs locally and/or internationally.
SPCC7.5	The <i>Contractor</i> hereby agrees that when requested, he shall without any charges to the <i>Employer</i> , but at the latter's expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents relating to the works and/or the patent applications in any and all countries and for vesting titled thereto in the <i>Employer</i> , its successors, assign or legal representatives and the <i>Contractor</i> confirms and agrees that he shall assist the <i>Employer</i> to ensure that total and complete cession and transfer of all right, title and interest in the intellectual property takes place.

SPCC8 Time

SPCC8.1	The <i>Contractor</i> acknowledges that time is of the essence to the performance of its obligations in terms of this <i>Contract</i> .
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SPCC9 Discovery/Reproduction of Documentation

SPCC9.1	The <i>Contractor</i> hereby authorises the <i>Employer</i> to reproduce all documentation made available by the <i>Contractor</i> to the <i>Employer</i> in connection with this <i>Contract</i> . In so far as the <i>Contractor</i> has any copyright protection in the items that are so reproduced by the <i>Employer</i> , the <i>Contractor</i> hereby grants a right and license to the <i>Employer</i> to reproduce the same for the purposes specified in this <i>Contract</i> . The <i>Contractor</i> keeps the <i>Employer</i> informed of any threats or claims made against it in respect of infringement of patent or other exclusive rights by virtue of the provision of the works.
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SPCC10	Damages
SPCC10.1	The <i>Employer</i> shall be entitled, in its sole discretion, to claim and recover from the <i>Contractor</i> damages <i>in lieu of</i> any penalty agreed upon in terms of this <i>Contract</i> .
SPCC11	Accrual
SPCC11.1	Unless otherwise provided herein, rights which accrue to a Party in terms of this <i>Contract</i> shall survive its termination.
SPCC12	Commitments and Undertakings
SPCC12.1	Neither Party shall be bound by any express, tacit or implied term, representation, warranty, promise or the like not recorded herein. This <i>Contract</i> supersedes and replaces all prior commitments, undertakings or representations, whether oral or written, between the Parties in respect of the subject matter hereof.
SPCC13	Validity and Enforceability of <i>Contract</i>
SPCC13.1	If any provision of this <i>Contract</i> is found to be invalid, unlawful or unenforceable, that provision shall be severable from the remaining provisions of this <i>Contract</i> , which shall continue to be valid and enforceable.
SPCC14	Strategic Socio-Economic Objectives
SPCC14.1	in terms of which the <i>Contractor</i> gives unconditional warranties and undertakings committing itself to the promotion of the strategic socio-economic objectives stipulated herein, including, but not limited to, warranties and undertakings to the effect that –
SPCC14.1.1	the BEE information disclosed to the <i>Employer</i> in the bid response to the Tender Invitation pursuant to which it was appointed, as supplemented subsequently in writing, is accurate and complete and that it shall maintain at least those levels of BEE for the duration of the contract;
SPCC14.1.2	it shall only subcontract aspects of the Works to Subcontractors with which it has concluded Subcontracts and actively take steps towards achieving the <i>Employer's</i> CPG requirements for the empowerment of Subcontractor/s
SPCC14.1.3	it shall ensure that the execution of the <i>Works</i> and the expenditure of the project costs results in the achievement of the general socio-economic and empowerment objectives
SPCC14.1.4	it shall keep detailed records of – a) its equity ownership and control and, where applicable, that of its duly appointed Subcontractors and/or suppliers. b) its total spends on targeted enterprises used to fulfil its obligations in terms of the <i>contract</i> . c) any transformation programmes and/or initiatives relating to skills development and transfer, employment equity and enterprise development of the Subcontractors and Target Individuals; and d) any public benefits and/or job opportunities created according to the fulfilment of its obligations in terms of the <i>contract</i> and provide monthly reports outlining compliance with such objectives to the <i>Employer</i> ;
SPCC15	Contractor Obligations
SPCC15.1	in terms of which the <i>Contractor</i> unconditionally warrants and undertakes that, in its performance of its obligations under the <i>Contract</i> , it shall, at all times, -
SPCC15.1.1	owe a duty of care to the ORTDM and comply with the reasonable directions issued to it by the <i>Employer</i> , <i>Employer's Agent</i> and/or <i>Employer's Agent Representative</i> ;
SPCC15.1.2	not do anything that constitutes, or is reasonably likely to constitute, a corrupt act or that is otherwise intended or is likely to harm the reputation of the ORTDM, the <i>Contract</i> ; and
SPCC15.1.3	undertake the <i>Works</i> in accordance with the standards, practices, methods and procedures conforming to applicable law, and exercising that degree of skill, care, diligence, prudence and foresight that would reasonably and ordinarily be expected from a skilled and experienced person engaged in a similar type of undertaking under similar circumstances.

C1.3 FORM OF GUARANTEE**PERFORMANCE GUARANTEE**

For use with the General Conditions of Contract for Construction Works, Third Edition, 2015.

GUARANTOR DETAILS AND DEFINITIONS

“Guarantor” means:.....

Physical Address:.....

“Employer” means:.....

“Contractor” means:.....

“Engineer” means:.....

“Works” means:.....

“Site” means:.....

“Contract” means: The Agreement made in terms of the Form of Offer and Acceptance and such amendments or additions to the Contract as may be agreed in writing between the parties.

“Contract Sum” means: The accepted amount inclusive of tax of R.....

Amount in words:.....

“Guaranteed Sum” means: The maximum aggregate amount of R.....

Amount in words:.....

“Expiry Date” means:.....

CONTRACT DETAILS

Engineer issues: Interim Payment Certificates, Final Payment Certificate, and the Certificate Completion of the Works as defined in the Contract.

PERFORMANCE GUARANTEE

1. The Guarantor's liability shall be limited to the amount of the Guaranteed Sum.
2. The Guarantor's period of liability shall be from and including the date of issue of this Performance Guarantee and up to and including the Expiry Date or the date of issue by the Engineer of the Certificate of Completion of the Works or the date of payment in full of the Guaranteed Sum, whichever occurs first. The Engineer and/or the Employer shall advise the Guarantor in writing of the date on which the Certificate of Completion of the Works has been issued.
3. The Guarantor hereby acknowledges that:
 - 3.1 any reference in this Performance Guarantee to the Contract is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a suretyship;
 - 3.2 its obligation under this Performance Guarantee is restricted to the payment of money.
4. Subject to the Guarantor's maximum liability referred to in 1, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in 4.1 to 4.3:
 - 4.1 A copy of a first written demand issued by the Employer to the Contractor stating that payment of a sum certified by the Engineer in an Interim or Final Payment Certificate has not been made in terms of the Contract and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of 4.2;
 - 4.2 A first written demand issued by the Employer to the Guarantor at the Guarantor's physical address with a copy to the Contractor stating that a period of seven (7) days has elapsed since the first written demand in terms of 4.1 and the sum certified has still not been paid;
 - 4.3 A copy of the aforesaid payment certificate which entitles the Employer to receive payment in terms of the Contract of the sum certified in 4.
5. Subject to the Guarantor's maximum liability referred to in 1, the Guarantor undertakes to pay to the Employer the Guaranteed Sum of the full outstanding balance upon receipt of a first written demand from the Employer to the Guarantor at the Guarantor's physical address calling up this Performance Guarantee, such demand stating that:
 - 5.1 the Contract has been terminated due to the Contractor's default and that this Performance Guarantee is called up in terms of 5; or
 - 5.2 a provisional or final sequestration of liquidation court order has been granted against the Contractor and that the Performance Guarantee is called up in terms of 5; and
 - 5.3 the aforesaid written demand is accompanied by a copy of the notice of termination and/or the provisional/final sequestration and/or the provisional liquidation court order.
6. It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of 4 and 5 shall not exceed the Guarantor's maximum liability in terms of 1.
7. Where the Guarantor has made payment in terms of 5, the Employer shall upon the date of issue of the Final Payment Certificate submit an expense account to the Guarantor showing how all monies received in terms of this Performance Guarantee have been expended and shall refund to the Guarantor any resulting surplus. All monies refunded to the Guarantor in terms of this Performance Guarantee shall bear interest at the prime overdraft rate of the Employer's bank compounded

monthly and calculated from the date payment was made by the Guarantor to the Employer until the date of refund.

8. Payment by the Guarantor in terms of 4 or 5 shall be made within seven (7) calendar days upon receipt of the first written demand to the Guarantor.
9. Payment by the Guarantor in terms of 5 will only be made against the return of the original Performance Guarantee by the Employer.
10. The Employer shall have the absolute right to arrange his affairs with the Contractor in any manner which the Employer may deem fit and the Guarantor shall not have the right to claim his release from this Performance Guarantee on account of any conduct alleged to be prejudicial to the Guarantor.
11. The Guarantor chooses the physical address as stated above for the service of all notices for all purposes in connection herewith.
12. This Performance Guarantee is neither negotiable nor transferable and shall expire in terms of 2, where after no claims will be considered by the Guarantor. The original of this Guarantee shall be returned to the Guarantor after it has expired.
13. This Performance Guarantee, with the required demand notices in terms of 4 or 5, shall be regarded as a liquid document for the purposes of obtaining a court order.
14. Where this Performance Guarantee is issued in the Republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrate's Courts Act No 32 of 1944, as amended, to the jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of the Magistrate's Court.

Signed at

Date.....

Guarantor's signatory (1)

Capacity.....

Guarantor's signatory (2)

FORM C1.3 SPECIAL CONDITION**Payment for the labour-intensive component of the works**

Payment for works identified in the Scope of Work as being labour-intensive shall only be made in accordance with the provisions of the Contract if the works are constructed strictly in accordance with the provisions of the Scope of Work. Any non-payment for such works shall not relieve the Contractor in any way from his obligations either in contract or in delict.

Applicable labour laws

The Ministerial Determination, Special Public Works Programmes, issued in terms of the Basic Conditions of Employment Act of 1997 by the Minister of Labour in Government Notice N° R63 of 25 January 2002, as reproduced below, shall apply to works described in the scope of work as being labour intensive and which are undertaken by unskilled or semi-skilled workers.

1 Introduction

1.1 This document contains the standard terms and conditions for workers employed in elementary occupations on a Special Public Works Programme (SPWP). These terms and conditions do NOT apply to persons employed in the supervision and management of a SPWP.

1.2 In this document –

- (a) "**Department**" means any department of the State, implementing agent or contractor;
- (b) "**Employer**" means any department, implementing agency or contractor that hires workers to work in elementary occupations on a SPWP;
- (c) "**Worker**" means any person working in an elementary occupation on a SPWP;
- (d) "**Elementary** occupation" means any occupation involving unskilled or semi-skilled work;
- (e) "**Management**" means any person employed by a department or implementing agency to administer or execute an SPWP;
- (f) "**Task**" means a fixed quantity of work;
- (g) "**task-based work**" means work in which a worker is paid a fixed rate for performing a task;
- (h) "**task-rated worker**" means a worker paid on the basis of the number of tasks completed;
- (i) "**time-rated worker**" means a worker paid on the basis of the length of time worked.
- (j) "**Task rate or daily rate**" = **R 200.00**

2 Terms of Work

- 2.1 Workers on a SPWP are employed on a temporary basis.
- 2.2 A worker may NOT be employed for longer than 24 months in any five-year cycle on a SPWP.
- 2.3 Employment on a SPWP does not qualify as employment as a contributor for the purposes of the Unemployment Insurance Act 30 of 1966.

3 Normal Hours of Work

- 3.1 An employer may not set tasks or hours of work that require a worker to work–
- (a) More than forty hours in any week
 - (b) On more than five days in any week; and
 - (c) For more than eight hours on any day.
- 3.2 An employer and worker may agree that a worker will work four days per week. The worker may then work up to ten hours per day.
- 3.3 A task-rated worker may not work more than a total of 55 hours in any week to complete the tasks allocated (based on a 40-hour week) to that worker.

4 Meal Breaks

- 4.1 A worker may not work for more than five hours without taking a meal break of at least thirty minutes duration.
- 4.2 An employer and worker may agree on longer meal breaks.
- 4.3 A worker may not work during a meal break. However, an employer may require a worker to perform duties during a meal break if those duties cannot be left unattended and cannot be performed by another worker. An employer must take reasonable steps to ensure that a worker is relieved of his or her duties during the meal break.
- 4.4 A worker is not entitled to payment for the period of a meal break. However, a worker who is paid on the basis of time worked must be paid if the worker is required to work or to be available for work during the meal break.

5 Special Conditions for Security Guards

- 5.1 A security guard may work up to 55 hours per week and up to eleven hours per day.
- 5.2 A security guard who works more than ten hours per day must have a meal break of at least one hour or two breaks of at least 30 minutes each.

6 Daily Rest Period

Every worker is entitled to a daily rest period of at least eight consecutive hours. The daily rest period is measured from the time the worker ends work on one day until the time the worker starts work on the next day.

7 Weekly Rest Period

Every worker must have two days off every week. A worker may only work on their day off to perform work which must be done without delay and cannot be performed by workers during their ordinary hours of work ("emergency work").

8 Work on Sundays and Public Holidays

- 8.1 A worker may only work on a Sunday or public holiday to perform emergency or security work.
- 8.2 Work on Sundays is paid at the ordinary rate of pay.
- 8.3 A task-rated worker who works on a public holiday must be paid –
- (a) The worker's daily task rate, if the worker works for less than four hours;

- (b) Double the worker's daily task rate, if the worker works for more than four hours.
- 8.4 A time-rated worker who works on a public holiday must be paid –
 - (a) The worker's daily rate of pay, if the worker works for less than four hours on the public holiday;
 - (b) Double the worker's daily rate of pay, if the worker works for more than four hours on the public holiday.

9 Sick Leave

- 9.1 Only workers who work four or more days per week have the right to claim sick-pay in terms of this clause.
- 9.2 A worker who is unable to work on account of illness or injury is entitled to claim one day's paid sick leave for every full month that the worker has worked in terms of a contract.
- 9.3 A worker may accumulate a maximum of twelve days' sick leave in a year.
- 9.4 Accumulated sick-leave may not be transferred from one contract to another contract.
- 9.5 An employer must pay a task-rated worker the worker's daily task rate for a day's sick leave.
- 9.6 An employer must pay a time-rated worker the worker's daily rate of pay for a day's sick leave.
- 9.7 An employer must pay a worker sick pay on the worker's usual payday.
- 9.8 Before paying sick-pay, an employer may require a worker to produce a certificate stating that the worker was unable to work on account of sickness or injury if the worker is –
 - (a) Absent from work for more than two consecutive days; or
 - (b) Absent from work on more than two occasions in any eight-week period.
- 9.9 A medical certificate must be issued and signed by a medical practitioner, a qualified nurse or a clinic staff member authorised to issue medical certificates indicating the duration and reason for incapacity.
- 9.10 A worker is not entitled to paid sick-leave for a work-related injury or occupational disease for which the worker can claim compensation under the Compensation for Occupational Injuries and Diseases Act.

10 Maternity Leave

- 10.1 A worker may take up to four consecutive months' unpaid maternity leave.
- 10.2 A worker is not entitled to any payment or employment-related benefits during maternity leave.
- 10.3 A worker must give her employer reasonable notice of when she will start maternity leave and when she will return to work.
- 10.4 A worker is not required to take the full period of maternity leave. However, a worker may not work for four weeks before the expected date of birth of her child or for six weeks after the birth of her child, unless a medical practitioner, midwife, or qualified nurse certifies that she is fit to do so.
- 10.5 A worker may begin maternity leave –
 - (a) four weeks before the expected date of birth; or
 - (b) On an earlier date –

- (i) If a medical practitioner, midwife or certified nurse certifies that it is necessary for the health of the worker or that of her unborn child; or
 - (ii) if agreed to between employer and worker; or
 - (c) on a later date, if a medical practitioner, midwife or certified nurse has certified that the worker is able to continue to work without endangering her health.
- 10.6 A worker who has a miscarriage during the third trimester of pregnancy or bears a stillborn child may take maternity leave for up to six weeks after the miscarriage or stillbirth.
- 10.7 A worker who returns to work after maternity leave has the right to start a new cycle of twenty-four months employment, unless the SPWP on which she was employed has ended.

11 Family responsibility leave

- 11.1 Workers, who work for at least four days per week, are entitled to three days paid family responsibility leave each year in the following circumstances -
- (a) When the employee's child is born;
 - (b) When the employee's child is sick;
 - (c) In the event of a death of –
 - (i) The employee's spouse or life partner;
 - (ii) The employee's parent, adoptive parent, grandparent, child, adopted child, grandchild, or sibling.

12 Statement of Conditions

- 12.1 An employer must give a worker a statement containing the following details at the start of employment –
- (a) The employer's name and address and the name of the SPWP;
 - (b) The tasks or job that the worker is to perform; and
 - (c) the period for which the worker is hired or, if this is not certain, the expected duration of the contract;
 - (d) The worker's rate of pay and how this is to be calculated;
 - (e) The training that the worker will receive during the SPWP.
- 12.2 An employer must ensure that these terms are explained in a suitable language to any employee who is unable to read the statement.
- 12.3 An employer must supply each worker with a copy of these conditions of employment.

13 Keeping Records

- 13.1 Every employer must keep a written record of at least the following –
- (a) The worker's name and position;
 - (b) In the case of a task-rated worker, the number of tasks completed by the worker;
 - (c) In the case of a time-rated worker, the time worked by the worker;
 - (d) Payments made to each worker.
- 13.2 The employer must keep this record for a period of at least three years after the completion of the SPWP.

14 Payment

- 14.1 An employer must pay all wages at least monthly in cash or by cheque or into a bank account.
- 14.2 A task-rated worker will only be paid for tasks that have been completed.
- 14.3 An employer must pay a task-rated worker within five weeks of the work being completed and the work having been approved by the manager or the contractor having submitted an invoice to the employer.
- 14.4 A time-rated worker will be paid at the end of each month.
- 14.5 Payment must be made in cash, by cheque or by direct deposit into a bank account designated by the worker.
- 14.6 Payment in cash or by cheque must take place –
 - (a) At the workplace or at a place agreed to by the worker;
 - (b) during the worker's working hours or within fifteen minutes of the start or finish of work;
 - (c) In a sealed envelope which becomes the property of the worker.
- 14.7 An employer must give a worker the following information in writing –
 - (a) The period for which payment is made;
 - (b) The numbers of tasks completed or hours worked;
 - (c) The worker's earnings;
 - (d) Any money deducted from the payment;
 - (e) The actual amount paid to the worker.
- 14.8 If the worker is paid in cash or by cheque, this information must be recorded on the envelope and the worker must acknowledge receipt of payment by signing for it
- 14.9 If a worker's employment is terminated, the employer must pay all monies owing to that worker within one month of the termination of employment.

15 Deductions

- 15.1 An employer may not deduct money from a worker's payment unless the deduction is required in terms of a law.
- 15.2 An employer must deduct and pay to the SA Revenue Services any income tax that the worker is required to pay.
- 15.3 An employer who deducts money from a worker's pay for payment to another person must pay the money to that person within the time period and other requirements specified in the agreement law, court order, or arbitration award concerned.
- 15.4 An employer may not require or allow a worker to –
 - (a) Repay any payment except an overpayment previously made by the employer by mistake;
 - (b) State that the worker received a greater amount of money than the employer actually paid to the worker; or
 - (c) Pay the employer or any other person for having been employed.

16 Health and Safety

- 16.1 Employers must take all reasonable steps to ensure that the working environment is healthy and safe.
- 16.2 A worker must –
 - (a) Work in a way that does not endanger his/her health and safety or that of any other person;
 - (b) Obey any health and safety instruction;
 - (c) Obey all health and safety rules of the SPWP;
 - (d) Use any personal protective equipment or clothing issued by the employer;
 - (e) Report any accident, near-miss incident, or dangerous behaviour by another person to their employer or manager.

17 Compensation for Injuries and Diseases

- 17.1 It is the responsibility of the employers (other than a contractor) to arrange for all persons employed on a SPWP to be covered in terms of the Compensation for Occupational Injuries and Diseases Act, 130 of 1993.
- 17.2 A worker must report any work-related injury or occupational disease to their employer or manager.
- 17.3 The employer must report the accident or disease to the Compensation Commissioner.
- 17.4 An employer must pay a worker who is unable to work because of an injury caused by an accident at work 75% of their earnings for up to three months. The employer will be refunded this amount by the Compensation Commissioner. This does NOT apply to injuries caused by accidents outside the workplace such as road accidents or accidents at home.

18 Termination

- 18.1 The employer may terminate the employment of a worker for good cause after following a fair procedure.
- 18.2 A worker will not receive severance pay on termination.
- 18.3 A worker is not required to give notice to terminate employment. However, a worker who wishes to resign should advise the employer in advance to allow the employer to find a replacement.
- 18.4 A worker who is absent for more than three consecutive days without informing the employer of an intention to return to work will have terminated the contract. However, the worker may be re-engaged if a position becomes available for the balance of the 24-month period.
- 18.5 A worker who does not attend required training events, without good reason, will have terminated the contract. However, the worker may be re-engaged if a position becomes available for the balance of the 24-month period.

19 Certificate of Service

19.1 On termination of employment, a worker is entitled to a certificate stating –

- (a) The worker's full name;
- (b) The name and address of the employer;
- (c) The SPWP on which the worker worked;
- (d) The work performed by the worker;
- (e) Any training received by the worker as part of the SPWP;
- (f) The period for which the worker worked on the SPWP;
- (g) Any other information agreed on by the employer and worker

MONTHLY REPORTING

The successful bidder will be expected to do monthly reporting. These will include progress reports, labour reports, etc, submitted to the Project Manager on the dates to be stipulated.

FORM C1.4 HEALTH AND SAFETY SPECIFICATION

HEALTH AND SAFETY SPECIFICATION
THE OCCUPATIONAL HEALTH AND SAFETY ACT 1993
CONSTRUCTION REGULATIONS 2014
SECTION 1

C1.4.1 INTRODUCTION

- 1) This document was construed to comply with the provisions of the OCCUPATIONAL HEALTH AND SAFETY ACT NO 85 OF 1993. Definitions of words are those described in the Act and the Construction Regulations of 2014.
- 2) This document formulates the specification of the OR Tambo District Municipality in terms of the above act and forms part of the constitution of the organisation. This document forms part of the employment contract of all employees and is as such accepted in writing by each employee. It also forms part of the agreement between the OR Tambo District Municipality and all service providers.
- 3) No clause in this document shall be amended in any contract document construed by agents, designers, or anyone else except so ordered or sanctioned by the OR Tambo District Municipality in writing.

SCHEDULE: DEFINITIONS

In this Policy any word or expression to which a meaning has been assigned in the Act shall have the meaning so assigned and unless the context otherwise indicates —

- 1) “Agent” means any person who acts as a representative for an *Employer* in managing the overall construction work.
- 2) “Angle of Repose” means the steepest angle of a surface at which a mass of loose or fragmented material shall remain stationary in a pile on a surface, rather than sliding or crumbling away.
- 3) “Batch Plant” means machinery, appliances or other similar devices that are assembled in such a manner to be able to mix materials in bulk to use the mixed product for construction work.
- 4) “*Employer*” means OR Tambo District Municipality.
- 5) “Competent Person” in relation to construction work, means any person having the knowledge, training and experience specific to the work or task being performed: provided that where appropriate qualifications and training are registered in terms of the provisions of the South African qualifications authority act, 1995 (Act No. 58 of 1995), these qualifications and training shall be deemed to be the required qualifications and training;
- 6) “Construction Work” means any work in connection with—
 - (i) The erection, maintenance, alteration, renovation, repair, demolition or dismantling of or addition to a building or any similar structure.

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- (ii) The installation, erection, dismantling or maintenance of a fixed plant where such work includes the risk of a person falling.
 - (iii) the construction, maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system or any similar civil engineering structure; or
 - (iv) the moving of earth, clearing of land, the making of an excavation, piling, or any similar type of work.
- 7) “Construction Vehicle” means a vehicle used for means of conveyance for transporting persons or material or both such persons and material, as the case may be, both on and off the construction site to perform construction work.
- 8) “Contractor” means an *Employer*, as defined in section 1 of the act, who performs construction work and includes *Contractors*.
- 9) “Design” in relation to any structure includes drawings, calculations, design details and specifications.
- 10) “Designer” means any person who—
- (i) prepares a design.
 - (ii) checks and approves a design.
 - (iii) arranges for any person at work under his control (including an employee of his, where he is the *Employer*) to prepare a design, as well as.
 - (iv) are architects or engineers contributing to or having overall responsibility for the design.
 - (v) build services engineers designing details for fixed plant.
 - (vi) surveyors specifying articles or drawing up specifications.
 - (vii) contractors carrying out design work as part of a design and build project.
 - (viii) temporary works engineer designing formwork and falsework; and
 - (ix) interior designers, shopfitters, and landscape architects.
- 11) “Ergonomics” means the application of scientific information concerning humans to the design of objects, systems, and the environment for human use to optimise human well-being and overall system performance.
- 12) “Excavation Work” means the making of any man-made cavity, trench, pit or depression formed by cutting, digging or scooping.
- 13) “Explosive Powered Tool” means a tool that is activated by an explosive charge and that is used for driving bolts, nails, and similar objects to provide fixing.
- 14) “Fall Prevention Equipment” means equipment used to prevent persons from falling from an elevated position, including personal equipment, body harness, body belts, lanyards, lifelines or physical equipment, guardrails, screens, barricades, anchorages, or similar equipment.
- 15) “Fall Arrest Equipment” means equipment used to arrest the person in a fall from an elevated position, including personal equipment, body harness, lanyards, deceleration devices, lifelines, or similar equipment, but excludes body belts.

- 16) "Fall Protection Plan" means a documented plan, of all risks relating to working from an elevated position, considering the nature of work undertaken, and setting out the procedures and methods to be applied to eliminate the risk.
- 17) "Hazard Identification" means the identification and documenting of existing or expected hazards to the health and safety of persons, which are normally associated with the type of construction work being executed or to be executed.
- 18) "Health and Safety File" mean a file, or other records in permanent form, containing the information required as contemplated in these regulations.
- 19) "Health and Safety Plan" means a documented plan which addresses hazards identified and includes safe work procedures to mitigate, reduce or control the hazards identified.
- 20) "Health and Safety Specification" means a documented specification of all health and safety requirements pertaining to the associated works on a construction site, to ensure the health and safety of persons.
- 21) "Material Hoist" means a hoist used to lower or raise material and equipment and includes cantilevered platform hoists, mobile hoists, friction drive hoists, scaffold hoists, rack and pinion hoists and combination hoists.
- 22) "Medical Certificate of Fitness" means a certificate valid for one year issued by an occupational health practitioner, issued in terms of these regulations, whom shall be registered with the Health Professions Council of South Africa.
- 23) "Method Statement" means a written document detailing the key activities to be performed to reduce as reasonably as practicable the hazards identified in any risk assessment.
- 24) "Mobile Plant" means machinery, appliances or other similar devices that can move independently, to perform construction work on the construction site.
- 25) "National Building Regulations" means the National Building Regulations made under section 17(1) of the National Building Regulations and Building Standards Act, 1977 (Act No.103 of 1977), and published under Government Notice NOR1081 of 10 June 1988, as amended.
- 26) "Person day" means one individual carrying out construction work on a construction site for one normal working shift.
- 27) "Contractor" means an *Employer*, as defined in section 1 of the Act who performs construction work and is appointed by the *Employer* to be in overall control and management of a part of or the whole of a construction site.
- 28) "Professional Engineer or Professional Certificated Engineer" means any person holding registration as either a Professional Engineer or Professional Certificated Engineer under the Engineering Profession Act, 2000 (Act No. 46 of 2000).
- 29) "Professional Technologist" means any person holding registration as a Professional Technologist under the Engineering Profession Act, 2000 (Act No. 46 of 2000).
- 30) "Provincial Director" means the provincial director as defined in regulation 1 of the General Administrative Regulations under the Act.
- 31) "Risk Assessment" means a programme to determine any risk associated with any hazard at a construction site, to identify the steps needed to be taken to remove, reduce or control such hazard.

- 32) "Roof Apex Height" means the dimensional height in metres measured from the lowest ground level abutting any part of a building to the highest point of the roof.
- 33) "SABS 085" means the South African Bureau of Standards' Code of Practice entitled "The Design, Erection, Use and Inspection of Access Scaffolding".
- 34) "SABS 0400" means the South African Bureau of Standards, Code of Practice for the application of the National Building Regulations.
- 35) "SABS EN 1808" means the South African Bureau of Standards' Standard Specification entitled: "Safety requirements on suspended access equipment – Design calculations, stability criteria, construction-tests".
- 36) "SABS 1903" means the South African Bureau of Standards' Standard Front-end Specification entitled: "Safety requirements on suspended access equipment – Design calculations, stability criteria, construction-tests".
- 37) "Scaffold" means any temporary elevated platform and supporting structure used for providing access to and supporting workmen or materials or both.
- 38) "Shoring" means a structure such as a hydraulic, mechanical or timber/steel shoring system that supports the sides of an excavation and which is intended to prevent the cave-in or the collapse of the sides of an excavation, and "shoring system" has a corresponding meaning;
- 39) "Structure" means—
 - (i) any building, steel or reinforced concrete structure (not being a building), railway line or siding, bridge, waterworks, reservoir, pipe or pipeline, cable, sewer, sewage works, fixed vessels, road, drainage works, earthworks, dam, wall, mast, tower, tower crane, batching plants, pylon, surface and underground tanks, earth retaining structure or any structure designed to preserve or alter any natural feature, and any other similar structure;
 - (ii) any formwork, falsework, scaffold, or other structure designed or used to provide support or means of access during construction work; or
 - (iii) any fixed plant in respect of work which includes the installation, commissioning, decommissioning, or dismantling and where any such work involves a risk of a person falling two metres or more.
- 40) "Suspended Platform" means a working platform suspended from supports using one or more separate ropes from each support.
- 41) "The Act" means the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993).
- 42) "Tunnelling" means the construction of any tunnel beneath the natural surface of the earth for a purpose other than the searching for or winning of a mineral.

SCHEDULE: DESIGNERS

This specification is in terms of the H&S ACT 1993 and the REGULATIONS of 2014, and all wording shall have the meaning as defined by the said reference documents.

- 1) All work performed, and procedures followed by designers shall be done according to the H&S regulations of 2014.

- 2) The *Employer* is aware of the fact that the appointment of a designer does not implicate that the designer becomes the agent of the *Employer* for the particular project. The appointment of an agent is done separately in writing and should be accepted by the designer as such.
- 3) The *Employer* is ultimately responsible for all safety issues regarding the project for which a designer is appointed and cannot contract out of his obligations in terms of the law.
- 4) The *Employer* shall not employ a designer should he have reasonable doubts that the designer is not able to execute work safely.
- 5) All designers shall have adequate insurance cover to indemnify the *Employer* for their acts and omissions in terms of professional conduct the H&S act in particular to indemnify the *Employer* against penalties imposed for acts or omissions. The *Employer* is aware of the fact that additional insurance over and above PI insurance is necessary to have himself indemnified by the designers for acts and omissions in terms of the H&S regulations. The professional indemnity insurance has a "negligent acts and omissions" wording only, and therefore additional insurance is necessary to cover the *Employer* against penalties imposed in terms of the regulations.
- 6) Designers shall not accept work from the *Employer* if they are not capable of executing such work professionally and if such work cannot be executed safely, according to the provisions of the H&S regulations.
- 7) Designers shall execute all designs in terms of the relevant SABS and other acceptable codes and procedures and shall place great emphasis on safety issues, including the maintenance procedures after inaugurations of such systems or projects.
- 8) Ergonomic parameters shall have high priority in all designs.

SCHEDULE: CONTRACTORS (PC)

- 1) All work by the PC shall be done in compliance with the provisions of the H&S regulations.
- 2) The *Employer* recognises the right of each employee to work safely in a healthy environment under decent human conditions. Each employee has the right to return home safe and healthy to his home and family after each day's work.
- 3) Work shall not be done at the expense of human safety or health.
- 4) Work shall be executed under humane conditions, especially concerning hours and H&S issues in mind.
- 5) The PC shall appoint a fulltime H&S Manager should he have more than 50 employees on site.
- 6) The PC shall conduct monthly safety meetings on site. All foremen, gang leaders and other employees shall participate, and all incidents with relation to unsafe practices shall be discussed. Minutes of such meetings shall be kept in the H&S file.
- 7) Foremen and gang leaders shall, under the supervision of the H&S manager, conduct meetings with all staff and people under their direct supervision frequently. Minutes of such meetings shall be kept in the H&S file.
- 8) New personnel (temporary or full-time employees) shall attend safety induction courses under the supervision of the H&S manager.

- 9) The PC shall install and maintain a box in which proposals for improvement of H&S procedures could be placed. All such proposals shall be considered, recorded and placed in the H&S file.
- 10) An adequate first aid facility shall be placed maintained on-site and shall be adequately indicated through signs. All personnel shall be made aware of its existence, and only trained first aid assistants shall be authorized to treat injuries.
- 11) The PC shall see that work is only executed by people trained for a particular task.
- 12) All safety equipment shall be SABS approved and under no circumstance shall any safety equipment be non-certified homemade equipment. Specifications and order details shall be kept in the H&S file.
- 13) Workers and personnel shall be attending safety courses regularly, and all information regarding such training shall be kept in the H&S file.
- 14) All employees shall be trained in safe working procedures and shall be trained on safety consciousness in particular. Employees in the position of leadership shall be trained through accredited training processes in H&S matters.
- 15) The contractor shall prepare and maintain a safety plan for the project and shall train his personnel to work according to such a plan.
- 16) Personnel and workers shall be made aware of any natural hazards existing on-site. They shall also be made aware of items defined by the designer in his risk assessment.
- 17) No horseplay between employees shall be tolerated on site. Neither will aggressive or threatening behaviour by anybody is allowed.
- 18) Workers shall wear appropriate protective clothing for the applicable task, which shall include special safety equipment like protective eyewear, gloves, boots, ear protection, etc. Workers shall be issued with these items and copy of such issuing shall be kept in the H&S file.
- 19) Workers shall not be allowed to wear loose clothes and footwear.
- 20) Workers shall have the opportunity and right to prescribed rest, eating and toilet breaks.
- 21) Workers on nightshift shall be protected against inclement weather and shall have access to adequate food and drinks.
- 22) In cases where work is executed in remote or restricted security areas, the PC shall make provision for food to be supplied to his employees.
- 23) Potable water shall be made available free of charge to all workers on site.
- 24) Adequate toilet and washing facilities shall be made available to workers.
- 25) In the event of chemicals being present or used on-site, the PC shall allow for adequate shower facilities on site. All chemicals shall be stored according to specification and shall be identified and marked in prescribed containers.
- 26) Workers under instruction to execute inherently unsafe procedures shall report such incidences to the H&S manager, designer of *Employer* immediately.
- 27) Unauthorised or unlawful instructions from foremen, gang leaders or colleagues shall be reported by the H&S manager immediately.

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- 28) The PC shall stop his contractors if they work unsafely.
 - 29) All specialist work shall be executed by registered artisans only.
 - 30) Workers shall not be required to lift equipment or material heavier than 25kg or carry a load of more than 50 kg for more than 10 metres.
 - 31) Workers shall not be exposed to conditions of heat where the temperature is above 40° Celsius and the humidity more than 75%. Likewise, will personnel not be exposed to temperatures lower than –5° Celsius? Should the designer and the PC decide that the work is urgent; workers shall be issued with proper protective clothing.
 - 32) All workers shall have access to a shaded eating and resting place on site.
 - 33) Workers executing tasks in rivers, trenches and other natural or artificial waterways shall be made aware of the hazard of flash floods, and special precautions shall be made by the PC to implement an effective flood warning system.
 - 34) Workers executing tasks in manholes for sewer or stormwater systems shall be made aware of the existence of hazardous gasses in closed areas and shall be issued with gas masks in any event, even after tests conducted by the H&S manager has proven that no gasses are existent. Only specialists shall work in gas-filled chambers.
 - 35) Personnel executing work during rainy weather or under other wet conditions shall be equipped with proper gumboots and proper rain suits.
 - 36) No person shall be allowed to work in water unless gumboots are worn, should the water be deeper than 300mm, watertight suits shall be worn.
 - 37) All ladders shall be fixed against scaffolding or other permanent structures.
 - 38) Welding on site shall only be done by trained personnel behind adequate eye-protecting shields, and all welders shall wear proper protective gear.
 - 39) Personnel operating grinders, saws or any other hand tools of similar description shall be equipped with the necessary eyewear and ear protection.
 - 40) All personnel working under potentially dusty conditions shall wear nose and mouth filters.
 - 41) Workers operating rock drilling equipment shall wear ear, nose and eye protection.
 - 42) All scaffolding shall comply with the H&S regulations.
 - 43) Specialists shall do blasting under the regulations of the Explosives Act.
 - 44) Workers shall wear protective clothing when exposed to chemicals like cement, lime, detergents, tar, fumes, etc. Should work be executed in the presence of such material, adequate protective clothing and equipment shall be issued after the H&S manager grants permission.
 - 45) Workers shall not be allowed to make open fires on any part of the site unless it is made in designated areas approved by the H&S manager.
 - 46) Fuel storage shall only be allowed on certified areas on site.
 - 47) Workers and other personnel shall be trained for fire procedures and shall practise such fire drill regularly.

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- 48) Assembly areas for emergency evacuations shall be indicated by adequate signage.
 - 49) The PC shall have an attendance register for identifying people before, during and after potential hazardous situations.
 - 50) All transport supplied by the PC shall be on roadworthy vehicles only, and all transport shall be conducted in terms of the transport act.
 - 51) Drivers of vehicles shall be responsible for the roadworthiness of vehicles and shall report any dysfunctional vehicles to the PC.
 - 52) All drivers shall be responsible for handling vehicles in such a way to comply with the transport act.
 - 53) Passengers of vehicles shall report any unsafe conduct to the PC immediately. Such report shall be forwarded to the H&S manager and shall be investigated. Copy of such proceedings shall be entered into the H&S file.
 - 54) Only trained personnel shall be permitted and required to operate construction machinery. All such machinery shall be maintained in a safe working condition.
 - 55) All vehicles operating on-site shall have audible warning signals if driven backwards.
 - 56) No vehicle shall be kept on-site if it is leaking oil or other substances.
 - 57) No vehicle or equipment shall be operated on-site if it produces noise above 90 decibels measured within 10,0 m from the unit.
 - 58) Equipment producing serious dusty conditions shall only be operated under the supervision of the PC and the H&S manager with the necessary protection to workers.
 - 59) All excavations on site shall be adequately protected and not only indicated.
 - 60) Exploratory excavation to reveal services shall be done in a specific way.
 - 61) All areas to be explored shall first be inspected by the landowner or local authority.
 - 62) Position of services identified shall then be verified by opening by hand, not by machine.
 - 63) Particular care shall be taken not to damage these services.
 - 64) Electrical services are inherently dangerous and shall be opened by skilled people only.
 - 65) These excavations shall not be left open without supervision. If necessary, the excavation shall be backfilled temporarily with approved material until the specified modifications to the services can be made.
 - 66) Access to excavations shall only be through ladders or stairs with handrails.
 - 67) All refuse, unsafe material, potentially hazardous material, and rubbish shall be placed in designated areas to be removed regularly.
 - 68) Rainwater shall be contained in trenches or pipes so that it shall not cause contamination of material in these refuse areas.
 - 69) All electrical sources or cables or overhead power lines should be regarded as live at all times, and all workers on site shall be made aware of its existence during H&S meetings and as many times as necessary.

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- 70) Adequate signage shall be used on-site to indicate:
- (i) Non-smoking areas on site
 - (ii) Safety exits / Emergency exits from buildings under construction
 - (iii) Stairs (temporary and permanent works)
 - (iv) Toilets
 - (v) Fire-fighting equipment
 - (vi) Workmen busy with equipment overhead
 - (vii) Fire assembly points
 - (viii) Fire escapes
 - (ix) Areas where members of the public are not allowed.
 - (x) First aid room
- 71) All visitors to the site shall be granted permission to the site only upon application through a predetermined procedure, and records of these visitors shall be kept in the H&S file. Visitors shall attend safety induction training before entering the site. Areas out of bounds to all visitors shall be indicated using appropriate signs.
- 72) Work performed in public servitudes like the construction of streets or roads shall be done according to the local or national authority specifications, and adequate signage shall be implemented.
- 73) People complaining about their health or people displaying symptoms of illness or disease shall be allowed to go to the first aid facility or visit a doctor or a clinic. Permission shall not be withheld unreasonably. In remote areas, the PC is required to have reasonable ways of transporting people to a doctor or clinic whether the person is ill or injured on site.
- 74) Personnel must be informed about the nearest doctor or clinic location for casualty purposes, and the PC shall provide such transport for injured workers and injured members of the public (within the limits of the site) free of charge.
- 75) A *Contractor* who intends to carry out any construction work shall—
- (i) before carrying out that work, notify the provincial director in writing of the construction work if it includes—
 - The demolition of a structure exceeding a height of 3 meters; or
 - The use of explosives to perform construction work; or
 - The dismantling of the fixed plant at a height greater than 3m.
 - (ii) before carrying out that work, notify the provincial director in writing when the construction work—
 - Exceeds 30 days or shall involve more than 300 person-days of construction work: and
 - Includes excavation work deeper than 1m; or
 - Includes working at a height greater than 3 meters above ground or a landing.
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- (iii) The provincial director's notification must be done on a form similar to Annexure A to this Policy.
- (iv) A *Contractor* shall ensure that a copy of the completed form is kept on the site for inspection by an inspector, *Employer*, *Employer's agent*, or employee.

SCHEDULE: *EMPLOYER*

- 1) An *Employer* shall be responsible for the following to ensure compliance with the provisions of the Act —
 - (i) to prepare a documented health and safety specification for the construction work and provide any *Contractor* who is making a bid or appointed to perform construction work for the *Employer*.
 - (ii) to promptly provide the *Contractor* and his or her agent with any information that might affect any person's health and safety at work carrying out construction work.
 - (iii) to appoint each *Contractor* in writing for the project or part thereof on a construction site.
 - (iv) to take reasonable steps to ensure that each *Contractor's* health and safety plan is implemented and maintained on the construction site: provided that the steps taken shall include periodic audits at intervals mutually agreed upon between the *Employer* and *Contractor*, but at least once every month;
 - (v) to stop any contractor from executing construction work that is not in accordance with the *Contractor's* health and safety plan for the site or poses a threat to persons' health and safety.
 - (vi) to ensure that where changes are brought about, sufficient health and safety information and appropriate resources are made available to the *Contractor* to safely execute the work.
 - (vii) to ensure that every *Contractor* is registered and in good standing with the compensation fund or with a licensed compensation insurer before work commencing on the site; and
 - (viii) to ensure that potential *Contractors* submitting tenders have made provision for the cost of health and safety measures during the construction process.
- 2) An *Employer* shall discuss and negotiate with the *Contractor* the contents of the health and safety plan and thereafter finally approve the health and safety plan for implementation.
- 3) An *Employer* shall ensure that a copy of the *Contractor's* health and safety plan is available on request to an employee, inspector, or contractor.
- 4) OR Tambo District Municipality shall not appoint a *Contractor* to perform construction work, unless OR Tambo District Municipality is reasonably satisfied that the *Contractor* that he or she intends to appoint has the necessary competencies and resources to carry out the work safely.
- 5) An *Employer* may appoint an agent in writing to act as his or her representative and where such an appointment is made, the responsibilities as are imposed by these regulations upon an *Employer*, shall as far as reasonably practicably apply to the person so appointed.
- 6) No *Employer* shall appoint any person as his agent unless the *Employer* is reasonably satisfied that the person, he or she intends to appoint has the necessary competencies and resources to perform the duties imposed on an *Employer* by these regulations.

ANNEXURE A**NOTIFICATION OF CONSTRUCTION WORK**

1.(a) Name and postal address of principal contractor:

(b) Name and tel. no of principal contractor's contact person:

2. Principal contractor's compensation registration number:

3.(a) Name and postal address of client:

(b) Name and tel. no. of client's contact person or agent:

4.(a) Name and postal address of designer(s) for the project:

(b) Name and tel. no. of designer(s) contact person:

5. Name and telephone number of principal contractor's construction supervisor on site appointed in terms of regulation 6.(1).

6. Name/s of principal contractor's sub-ordinate supervisors on site appointed in terms of regulation 6.(2).

7. Exact physical address of the construction site or site office:

8. Nature of the construction work:

9. Expected commencement date: _____

-
10. Expected completion date: _____
11. Estimated maximum number of persons on the construction site.

12. Planned number of contractors on the construction site accountable to principal contractor:

13. Name(s) of contractors already chosen.

-

Principal Contractor

Date

Client

Date

- THIS DOCUMENT IS TO BE FORWARDED TO THE OFFICE OF THE DEPARTMENT OF LABOUR PRIOR TO COMMENCEMENT OF WORK ON SITE.
- **ALL PRINCIPAL CONTRACTORS** THAT QUALIFY TO NOTIFY MUST DO SO EVEN IF ANOTHER PRINCIPAL CONTRACTOR ON THE SAME SITE HAD DONE SO PRIOR TO THE COMMENCEMENT OF WORK.

GUIDELINES FOR CONTRACT

ADMINISTRATION



O.R. TAMBO
DISTRICT MUNICIPALITY

O.R. TAMBO DISTRICT MUNICIPALITY

O. R. TAMBO DISTRICT MUNICIPALITY

GUIDELINES FOR CONTRACT ADMINISTRATION
IN TERMS OF THE CONSTRUCTION REGULATIONS 2014
HEALTH & SAFETY ACT 1993
SECTION 1 AND 2

C1.4.1 PURPOSE OF THIS DOCUMENT

- 1) This document describes the procedures to be followed in the execution of engineering projects for OR Tambo District Municipality.
- 2) The SHE specifications are OR Tambo District Municipality's minimum requirements. The *Contractor* is expected to develop a SHE Plan, which meets these requirements as well as all the relevant applicable legislation. OR Tambo District Municipality in no way assumes the Contractors legal responsibilities. The *Contractor* is and remains accountable for the quality and the execution of his health and safety program for his employees and subcontractor employees. This SHE specification reflects minimum requirements and should not be construed as all-encompassing.
- 3) The role of all parties to the development project is described herein. The document is in terms of the Construction Regulation 2014 of the Health and Safety Act 1993.

C1.4.2 BACKGROUND

The *Contractor* shall provide an organisational organogram related to each *Package Order*, listing all the levels of responsibility from the Chief Executive down to the supervisors responsible for the works. The diagram must list the names of appointees and their roles and responsibilities. The *Contractor* is responsible for keeping copies of all of the organograms' as well as submitting those of their appointed subcontractors, with the, approved SHE Plan. When there is an amendment to the Acts and/or to the regulations, a SHE plan must be reviewed, updated accordingly and changes must be communicated to all relevant employees. All organograms shall be updated timeously when appointments are changed and filed in the SHE File.

C1.4.3 THE EMPLOYER

- 1) In terms of the law, the *Employer* is ultimately responsible for all acts and omissions as far as health and safety are concerned on site. It should be noted that the *Employer* shall be held legally responsible for every trespass of the regulations, not the designer or the contractor. The law makes provision for fines to be levied, and unless the designer or the contractor has indemnified the *Employer*, such fines shall have to be paid by the *Employer*.
- 2) *Employers* cannot contract out of their statutory obligations except where the law allows for it. Therefore, any liability imposed upon them for statutory non-compliance cannot be passed on to designers (consultants) or contractors.
- 3) In particular, the *Employer's* responsibilities are defined as follows:

<ol style="list-style-type: none"> i. To prepare a health and safety (H&S) specification for the work, which should cover the spectrum of activities handled by the <i>Employer</i> as part of his normal duties. ii. To provide a risk assessment to the <i>Contractor</i>. 	<p>Clause 4(1)(a)</p> <p>Clause 4(1)(b)</p>
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iii.	To appoint the <i>Contractor</i> in writing.	Clause 4(1)(c)
iv.	To ensure that the H&S plan is implemented.	Clause 4(1)(d)
v.	To stop any contractor executing work in an unsafe manner.	Clause 4(1)(e)
vi.	To provide additional H&S information to the contractor, should changes be made to work?	Clause 4(1)(f)
vii.	To ensure that the <i>Contractor</i> is registered and in good standing with the workmen's compensation fund.	Clause 4(1)(h)
viii.	To make sure tenderers have made provision in their offers for H&S measures.	Clause 4(1)(h)
ix.	To discuss and approve the H&S plan with the <i>Contractor</i> .	Clause 4(2)
x.	To keep a copy of the H&S plan of the <i>Contractor</i> .	Clause 4(3)
xi.	To <u>not</u> employ a contractor unless the <i>Employer</i> is reasonably satisfied that the <i>Contractor</i> who is earmarked for an appointment has the necessary skills, competencies and resources to carry out the work safely.	Clause 4(4)
xii.	The <i>Employer</i> can appoint an agent to handle his duties. The <i>Employer</i> can delegate some of his duties, but this does not make the person responsible for such particular responsibilities as an agent. The <i>Employer</i> should make sure whether such responsibilities are not already part of the designer in terms of the regulations clause 9(2).	Clause 4(5)
xiii.	The <i>Employer</i> shall only appoint someone as his agent if he is reasonably satisfied that such a person can handle such responsibilities.	Clause 4(6)

C1.4.4 THE DESIGNER

The regulations do not use names like an engineer, architect, amongst others. Instead, the term designer has been introduced. The responsibilities of the designer are given in a sub-paragraph under the obligations of the *Contractor*.

4.1	The regulations have a comprehensive definition of the designer, and this includes: a) Any person who is preparing a design. b) Any person who is checking a design. c) A firm preparing a design. d) An architect or engineer who is contributing to or having responsibility for design. e) A building services engineer designing details of the fixed plant (scaffolding or cranes). f) A surveyor who is specifying articles or drawing up specification (Quantity Surveyor). g) A contractor in design & build contract. h) A contractor designing temporary work. i) An interior designer, shop fitter and landscape architect. The regulation also talks of "an engineer designing a structure". "Structure" is a broad concept and is given in paragraph 3.2.5.1(a) underneath.	Definitions "designer."
4.2	The designer does not automatically through an appointment become the agent of the <i>Employer</i> in terms of the regulations unless he is appointed in writing to that effect, and he accepts such appointment in writing.	Clause 4(5)
4.3	The SAACE model agreement between the <i>Employer</i> and Engineer has	

	a different meaning of the word “agent”. According to the model agreement of SAACE, the Engineer acts as the “agent” of the <i>Employer</i> in a conventional contractual context. “Agent” in terms of the Health & Safety regulations has a different meaning.	
4.4	It can be derived from the regulations that the <i>Employer</i> can appoint a designer to perform certain tasks of the <i>Employer</i> on his behalf, which still does not mean that these designers become his agent in terms of clause 4(5).	Clause 4(5)
4.5	The regulations are fairly quiet regarding the functions and responsibilities of the designer except when designing a structure. It is again assumed that the <i>Employer</i> shall identify certain functions to be done by the designer on his behalf.	
4.5.1	“Structure” in terms of the regulations means:	Definitions “structure.”
(a)	<ul style="list-style-type: none"> • any building • steel or reinforced concrete structure • railway line • railway siding • bridge • waterworks • reservoir • pipe or pipeline • cable • sewer • sewage works • fixed vessels • road • drainage works • earthworks • dam • wall • mast • tower • tower crane • batching plants • pylon • surface and underground tanks • earth retaining structure <p>or any structure designed to preserve or alter any natural feature and any other similar structure.</p>	
(b)	Any formwork, scaffold or other structure designed or used to provide support or access during construction (structural engineering sector).	
(c)	Fixed plant to prevent people from falling 2 meters or more.	
4.5.2	The designer is regarded as a person delivering designs only, and unless the <i>Employer</i> defines his role, his role is quite limited.	Clause 9(2)
4.5.3	The designer should inform the <i>Employer</i> and the <i>Contractor</i> about anticipated dangers relating to the construction work, which is, in fact, a Risk Assessment.	Clause 9(2)(b)
4.5.4	The designer (in the structural engineering context) shall further furnish to the contractor in writing:	Clause 9(2)
i)	A geotechnical report.	
ii)	The loading of the structure.	
iii)	The method and sequence of the construction process.	

iv)	He should exclude inherently dangerous methods of construction in his design.	
v)	The maintenance of the structure shall be through safety procedures.	
vi)	He should carry out inspections.	
vii)	And stop the contractor from executing work dangerously.	
viii)	A final inspection is necessary to ensure the safety of the structure.	
ix)	Great emphasis should be given to the ergonomic design of the structure.	
x)	The engineer should also give input in the design of temporary work, e.g. scaffolding.	Clause 10(c)

C1.4.5 THE CONTRACTOR (PC) AND CONTRACTOR

The *Contractor* carries accountability and responsibility for the health and safety of his/her employees and his/her contractors within his/her working area primarily, as contemplated by Section 37(2) of the OHS Act. None of the additional safety requirements specified by the *Employer* reduces the *Contractor's* accountability and responsibility for the health and safety of his employees and subcontractor employees within his *Working Area*. The *Contractor* shall be appointed by OR Tambo District Municipality on the awarding of the *Package Order* and shall be responsible and accountable for all legislative and *Employer* requirements for the duration of the contract.

The *Contractor* may appoint contractors to assist in the contract. All appointments shall be made in writing. The responsibilities of these parties are comprehensively stipulated in the regulations.

5.1	In general, it can be seen that the responsibilities of the PC (<i>Contractor</i>) towards his contractors is Mutatis Mutandis to the responsibilities of the <i>Employer</i> towards the PC.	
5.2	The PC is responsible for the collecting of these contractors' safety plans and to hold them to it.	Clause 5(1) and (2)
	i) He should also stop his contractors should they work unsafely.	Clause 5(3)(d)
	ii) He should appoint safety officers should the size of the work warrant it.	Clause 6(6)
	iii) He should cause a risk assessment to be executed by a competent person.	Clause 7(1)
	iv) Visitors to his site should undergo induction pertaining to H&S issues.	Clause 7(8)
	v) He shall see to his employee's induction and H&S training.	Clause 7(7)
	vi) The employees of the PC and his contractors shall wear visible proof of their induction training.	Clause 7(9)(a)
5.3	The regulations also covers the detail of:	
	• Fall protection	Clause 8
	• Structures (under this heading the responsibilities of the designer of a structure is found)	Clause 9
	• Formwork and support work	Clause 10
	• Excavation work	Clause 11

• Demolition work	Clause 12
• Tunnelling	Clause 13
• Scaffolding	Clause 14
• Suspended platforms	Clause 15
• Boatswain's chairs	Clause 16
• Material hoists	Clause 17
• Batch plants	Clause 18
• Explosive powered tools	Clause 19
• Cranes	Clause 20
• Construction vehicles and mobile plant	Clause 21
• Electrical installation and machinery on construction sites	Clause 22
• Use and storage of flammable liquids on construction sites	Clause 23
• Water environment	Clause 24
• Housekeeping on construction sites	Clause 25
• Stacking and storage on construction sites	Clause 26
• Fire precautions on construction sites	Clause 27
• Construction welfare facilities	

C1.4.6 COMPLIANCE AND NON-CONFORMANCES

- 1) As legislation forms part of any country's legal system, the *Employer* requires all of its contractors to comply with legislation as part of the contract. All expenses for complying with this legislation as well as special requirements specific to the site shall be for the Contractors account. Should the *Contractor* appoint a contractor, the *Contractor* would then have the same role and responsibility with the contractors, in a similar way as the *Employer* has with the *Contractor*.
- 2) The *Employer's Agent* reserves the right to stop work and issue a non-conformance report whenever safety, health or environmental violations are observed for both *Contractors* and/or their contractors. Expenses incurred as a result of such work stoppage and standing time shall be for the *Contractors* account. Any non-conformances/findings/observations found in these audits/inspections on subcontractors shall be raised and discussed with the *Contractor*. The requirements within this specification should not be considered to be exhaustive, and the *Employer* reserves the right to add, delete or modify conditions where it is considered to be appropriate.
- 3) No claim shall be accepted as a result of any costs or delays being incurred due to the *Contractor* or his contractors not complying with legislation, this SHE specification or their SHE plan approved by the *Employer*.

C1.4.7 LEGAL AND OTHER REQUIREMENTS

- 1) It is required that all Contractors on site comply with the relevant applicable legislation, specifications, and standards in accordance with the scope of the *Package Order*.
- 2) As a minimum but not limited to, the following:
 - i. The Constitution of the Republic of South Africa
 - ii. Occupational Health and Safety Act 1993 (Act 85 of 1993) and its Regulations.
 - iii. National Environmental Management Act 1998 (Act 107 of 1998).
 - iv. Environment Conservation Act 1989 (Act 73 of 1989).
 - v. National Water Act 1998 (Act 36 of 1998).

- vi. Conservation of Agricultural Resources Act 1983 (Act 43 of 1983).
- vii. Civil and Building Work Act.
- viii. Mine Health and Safety Act, 1996 and its regulations.
- ix. COID Act.
- x. Any other applicable South African legislation.
- xi. Applicable South African National Standards (SANS)
- xii. OHSAS 18001 & ISO 14001-Contractor shall use as guidelines
- xiii. Applicable international standards.

- 3) The *Contractor* and his subcontractor must ensure that they are familiar with the necessary SHE legislation required. The *Contractor* shall compile a legal register listing all applicable legislation and standards that may have an impact on the Works. The register shall be updated biannually.

C1.4.8 OHS POLICY

The *Contractor* and the contractor companies shall each have an OHS Policy authorised by their Chief Executive (OHS Act Section 16(1) appointee) that clearly states overall OHS objectives and commitment to improving Health and Safety performance and must be displayed and shared with all stakeholders.

C1.4.9 MANAGEMENT AND SUPERVISION OF CONSTRUCTION WORK

The *Contractor* shall ensure that the performance of all specified work is managed and supervised as per the requirement of OHS Act CR 8 throughout the contract period. The number of appointed persons shall be determined by the size and the risk of the project.

C1.4.10 CONSTRUCTION HEALTH AND SAFETY MANAGER AND OFFICER

The *Contractor/contractor* shall appoint a Construction Health and Safety Manager and officers considering nature and the scope of work being performed; these employees shall be registered with the SACPCMP.

C1.4.11 APPOINTMENTS AND COMPETENCIES

The *Contractor* shall ensure that all their appointees are made aware of their accountabilities and responsibilities in terms of their appointment, and to advise and assist these appointees in the execution of their duties. The *Contractor* shall ensure that competent persons are appointed in writing, and copies of all the appointments shall be kept in the SHE File. Appointment letters and competency certificates shall be signed by the *Contractor's* 16(1) or CR8(1) appointee. The relevant training certificates and proof of experience of each appointee must be submitted with the Health and Safety File. All minimum required training that is stipulated below are to be provided by accredited training service providers

Nominated Persons with Safety Duties

Competent persons shall be appointed in writing to be responsible for certain aspects of health and safety. A register shall be kept by the Safety Manager of all the Competent Persons of the project which shall include but not be the minimum:

Competent Persons	Mandatory (M)	Reference
Fire Official		CR 29(I)
Lifting Machine Operator/Driver		GMR 18[1]
Incident Investigator	M	GAR 8&9
Emergency Coordinator	M	CR 29
Environmental Officer		
Hazardous Chemical Substances Coordinator		
Stacking & Storage <i>Supervisor</i>	M	CR 28(A)
Construction Vehicles/Mobile Plant <i>Supervisor</i>	M	CR 23
Excavation <i>Supervisor</i>	M	CR 13[1](A)
Fall Protection Planner		CR 10[1](A)
Competent Person for Risk Assessments	M	CR 9[1]
First Aider	M	GSR 3
Occupational Health & Safety Representative	M	OHS 17
Assistant Construction <i>Supervisor</i>		CR 8[8]
Construction <i>Supervisor</i>	M	CR 8[7]
Occupational Health & Safety Officer	M	CR 8[5]
Construction Manager	M	CR 8[1]

The register of the competent Persons shall be kept within the OHS management filing system. The table above provides mandatory appointments for each project, marked as “M”. An OHS Organisation Chart and an OHS Management Organogram shall be prepared, clearly showing the chain of responsibility.

C1.4.12 TRAINING

This section aims to outline the *Employer's* expectations in respect of the scope of the training which the *Contractor* and contractor employees receive. The scope of the training includes but is not limited to the type of work being performed and the relevant procedures. Additional to the requirements, the *Contractors* and subcontractors shall appoint competent persons with the appropriate qualifications and certificates.

Records of all training and qualifications of all contractor employees must be kept. The Contractor shall maintain comprehensive records of all employees under his control (including all employees of the contractor) attending induction training. Acknowledgement of receiving and understanding the induction must be signed by all persons receiving the induction, respectively. When there is an amendment to the Acts and/or to the regulations, a SHE plan must be reviewed, updated accordingly and changes must be communicated to all relevant employees.

General construction site induction carried out by the *Contractor*

The *Contractor* shall ensure that all his employees and contractor employees undergo their company induction concerning the approved SHE plan, general hazards prevalent on the construction site, construction risk assessment, rules and regulations, and other related aspects.

Visitors to Site

All visitors must remain in the care and custody of a person (host) who has been properly inducted. No visitors are permitted to undertake any construction work, of any nature.

Mandatory appointment and competencies

4) CR 8 (1) Construction Manager

The training and competencies of the CR 8[1] Construction Manager are as follows:

Course Description	Mandatory	Optional
COID Act	X	
OHS Act	X	
Certificate of Fitness	X	
Registration with SACPMP and an equivalent professional registration with a recognised body such as the PMI	X	

5) CR 8(5): Construction Health and Safety Officer

The competency of CR 8[5]: Construction Health and Safety Practitioner are as follows:

Course Description	Mandatory	Optional
Basic Fire Fighting		X
NDip in OHS or recognized OHS certification	X	
SACPMP registration and accreditation	X	
First Aid Level 2		X
Certificate of Fitness	X	
Incident Investigation		X

6) CR 8 (7) Construction Supervisor

The competency of CR 8[7] Construction Supervisor are as follows:

Course Description	Mandatory	Optional
Basic Fire Fighting	X	
Certificate of Fitness	X	
Drivers Permit/ License		X
First Aid Level 2	X	
Hazard Identification and Risk Assessment (HIRA)	X	
Incident Investigation	X	
OHS ACT	X	
Planned Task Observation - P.T.O		X
Safety Site Induction Certificate	X	

7) CR 8(8): Assistant Construction Supervisor

The competency of CR 8[8]: Assistant Construction Supervisor are as follows:

Course Description	Mandatory	Optional
Basic Fire Fighting	X	
Certificate of Fitness	X	
Drivers Permit/ License		X
First Aid Level 2	X	
Hazard Identification and Risk Assessment (HIRA)	X	
Incident Investigation	X	
OHS ACT	X	
Planned Task Observation - P.T.O		X
Safety Site Induction Certificate	X	

8) Section 17: Health and Safety Representatives

The Act stipulates that when the number of employees under our employment at any workplace exceeds 20, we shall, from such time as the number of employees exceeds 20, as the case may be, designate in writing for a specified period health and safety representatives for such workplace, or different sections thereof.

Only those employees employed in a full-time capacity at a specific workplace and who are acquainted with conditions and activities at that workplace or section thereof, as the case may be, shall be eligible for designation as health and safety representatives for that workplace or section. The competency of Section 17: Health and Safety Representatives are as follows:

Course Description	Mandatory	Optional
Basic Fire Fighting		X
First Aid Level 2		X
Hazard Identification and Risk Assessment (HIRA)	X	
Incident Investigation		X
Planned Task Observation - P.T.O	X	
Safety Site Induction Certificate	X	
SHE Representative or Equivalent	X	

9) GSR 3: First Aider

The competency of GSR 3: First Aider are as follows:

Course Description	Mandatory	Optional
First Aid Level 2	X	

10) CR 9[1] Risk Assessor

The competency of CR 9[1] Risk Assessor are as follows:

Course Description	Mandatory	Optional
Hazard Identification and Risk Assessment (HIRA)	X	

C1.4.13 COSTING FOR SHE

The *Contractor*/contractor shall ensure that the submitted tender adequately made provision for the cost of Health and Safety measures.

C1.4.14 NOTIFICATION OF CONSTRUCTION WORK

The *Contractor* shall notify the relevant Provincial Director of the Department of Labour of the intention to carry out any construction work as defined in the Construction Regulation 4 of the OHS Act.

C1.4.15 ACCESS AND SECURITY CONTROL

- 1) Employees, contractors and visitors shall be subjected to induction training and substance abuse tests for the detection of illegal substances when entering ORTDM sites, or as and when required whilst on ORTDM sites.
- 2) The following items are prohibited and are not allowed on sites unless the necessary authorisation for possession has been obtained:

- i. Firearms and ammunition
- ii. Liquor/ Alcohol
- iii. Dangerous weapons
- iv. Drugs (excludes items/ substances authorised for use and possession of medical centres or in possession under doctor's prescription)
- v. Any other items that may be declared prohibited

C1.4.16 SITE RULES AND OTHER RESTRICTIONS ON CONTRACTORS, SUPPLIERS AND OTHERS

- 1) The *Contractor* is responsible for adequately informing his employees and contractors of all relevant information of the *Employer* issued SHE specifications and the *Contractors* SHE plan.
- 2) The *Contractor's* Site Manager/*Supervisor* shall provide a list of names and contact telephone numbers of all his employees as well as the contractor employees on site. This list shall be updated as and when new contractors commence on site.
- 3) The *Contractor's* Site Manager/*Supervisor* shall keep a record of all employees including the contractor employees, including date of induction, relevant skills and licenses, and be able to produce this list at the request of the *Employer's Agent*. These records shall be filed in the SHE File.
- 4) The *Contractor* shall ensure that his managers and supervisors give clear and unambiguous instructions for the work in hand to the personnel for whom they are responsible for. The instructions shall include, but not necessarily be limited to:
 - i. description of the objective/scope of work
 - ii. the sequence of work/method statements
 - iii. hazard identification and risk assessment (prior to commencement of work)
 - iv. precautionary/preventative measures that are to be taken
- 5) Employees are responsible for their health and safety and that of their co-workers in their respective Work Areas. They must be made aware of their responsibilities during induction and awareness sessions, some of which are:
 - i. familiarising themselves with their workplaces and health and safety procedures.
 - ii. working in a manner that does not endanger them or cause harm to others.
 - iii. keeping their work area tidy.
 - iv. reporting all incidents/accidents and near misses
 - v. protecting fellow workers from injury.
 - vi. Reporting unsafe acts and unsafe conditions.
 - vii. Reporting any situation that may become dangerous.
 - viii. Carrying out lawful orders and obeying health and safety rules.
- 6) It must be highlighted to all employees, that anyone who becomes aware of any person disregarding a health & safety notice, instruction or regulation shall immediately report this to the person concerned. If the person persists, stop the person from working and report the matter to the *Employer's Agent* and the *Contractor Supervisor* immediately.

- 7) No person shall damage, alter, remove, render ineffective, or interfere with anything that has been provided for the protection of the site, or the health and safety of persons.
- 8) No person under the influence of alcohol, drugs or medication (in a state of intoxication) or any other condition that may render him incapable of controlling himself or of other persons under his charge shall be allowed to enter the site.
 - i. All safety and warning signs must always be obeyed.
 - ii. Entering or leaving the Site shall only take place at official access control points.
 - iii. All employees must adhere to the SHE and other site-specific rules.
 - iv. The *Contractor* must have a process in place to address employees that have contravened Health and Safety Requirements.

C1.4.17 CONTRACTOR'S SITE FACILITIES

- 1) Site facilities shall be established and maintained by the contractor or be maintained as per agreement with the site and/or contractual agreement. The facilities include but are not limited to the following: (refer to OHS Act Construction Regulation 30)
 - i. Temporary Facility Layout Plan
 - ii. Sheltered eating facilities
 - iii. Provision of safe drinking water
 - iv. Ablution facilities
 - v. Site Sheds, Offices and Amenities
 - vi. Lay down and Storage
 - vii. Temporary Site Services
- 2) Reasonable and suitable living accommodation for employees who are far removed from their homes and where adequate transportation between the site and their homes, or other suitable living accommodation, is not available. The *Contractor* must develop their site establishment procedure.

C1.4.18 PUBLIC SAFETY AND LIABILITY

- 1) Legislation requires that *Employers* shall be responsible, as far as reasonably practicable, for safeguarding persons other than those in their employment who may directly be affected by their activities so that they are not exposed to hazards to their health and safety (Section 9 of the OHS Act).
- 2) The *Contractor* shall factor in, in their safety plan, how they intend safeguarding/ controlling any members of the public against their activities during the project

C1.4.19 HAZARD IDENTIFICATION AND RISK ASSESSMENT

- 1) The *Employer* shall prepare and provide a Baseline Risk Assessment for an intended construction work project to the contractor as part of the contract package.
- 2) The *Contractor* shall develop a Risk Assessment in line with Construction Regulation 9 (1) (a-e), in alignment with the *Employer's* Baseline Risk Assessment, where all risks are rated. Emerging risks and hazards must be managed during construction work, which means that significant changes to a process or activity, or any new process, then these should also be subjected to risk assessment.

- 3) The *Contractor* shall ensure that an appointed and competent person must conduct activity-based risk assessments.

C1.4.20 SAFE WORK PROCEDURES AND PRACTICES

- 4) There must be approved method statements and written safe work procedures for all the high-risk activities as identifiable in their risk assessment. No work shall be carried out without an approved method statement and written safe work procedure.
- 5) The supervisor/team leader to ensure all employees are trained on all applicable safe work procedures. Records of training/ awareness to be kept on site.
- 6) Safe work procedures must be compiled and documented for applicable activities (arising out of the Job Safety Analysis (JSA) and Hazard Identification & Risk Assessment (HIRA.))
- 7) The safe working procedure should identify the following, but not limited to:
 - i. Basic steps: Divide each task into several operational steps, and then explain how each step should be carried out.
 - ii. Safety procedures: Create explanations of how each step should be carried out, which guide the user to carry out the task safely.

C1.4.21 PLANNED TASK OBSERVATIONS (PTO)

The *Contractor* shall provide the planned task observation procedure/ process covering the following but not limited to:

- 1) Persons responsible for monitoring the task and carrying out the Planned Job Observation must be the supervisor;
- 2) Planned job observations should be conducted in such a way that the employee is observed against the actual steps (of the written safe work procedure) to be followed when performing a task and be marked against compliance with each step. A record should be kept at all times.
- 3) The supervisor who conducts the PTO must have a copy of the PTO to ensure that the employee is following the steps.
- 4) Where the employee did not comply or did not follow the required steps, this should be indicated on the report and actions be taken to correct the deviation

C1.4.22 EMERGENCY PREPAREDNESS AND RESPONSE

- 5) This section aims to remind the *Contractors* and his contractors about the importance of developing a site-specific emergency response plan. The *Contractor*, together with his contractors, shall develop their emergency response plan for both site and offices and submit this plan to the *Employer's Agent* for approval. It may be decided that one site-specific emergency response plan be used for all *Package Orders*. The *Contractor* shall ensure that his employees and his contractor employees are trained on this plan.
- 6) The *Employer* shall undertake periodic emergency drills; however, the *Contractor* must initiate his emergency drills with permission from the *Employer's Agent*, which must be recorded and provided on request

C1.4.23 CONSTRUCTION VEHICLES AND MOBILE PLANT

All construction vehicles and equipment shall meet the legislative requirements pertaining to the OHS Act

Construction Regulations 23, the National Road Traffic Act, the Mine Health and Safety Act, and the National Environmental Act. The following requirements apply to the use and operation of construction vehicles:

- 1) A *Contractor* and his contractor shall ensure that all construction vehicles and mobile plant are operated by a person who has received appropriate training, is certified competent and in possession of proof of competency and is authorised in writing to operate those construction vehicles and mobile plant.
- 2) Designated drivers shall have an appropriate valid driver's licence for the vehicle class and authorised in writing to operate the construction vehicle and/or mobile plant. The driver's license shall be kept by the person so authorised, and he shall produce such card on request.
- 3) All construction vehicle operators, flagmen, banksmen, signalmen, or points men are to wear reflective PPE on site.
- 4) Where reversing is unavoidable, it shall only be done with the presence of a flagman or a banksman.
- 5) A vehicle and pedestrian management plan must be developed by the contractor to be in line with the *Employer's* plan.
- 6) Ensure that all traffic signs are displayed.
- 7) All drivers of construction vehicles and mobile plant shall have medical certificates of fitness to operate those construction vehicle and mobile plant, issued by an occupational health practitioner in the form of Annexure 3 of the OHS Act.
- 8) Each Project site shall have a system/process to manage vehicle access to the site.
- 9) The speed limit within the bounds of the construction site is 40 km/h, or as per existing site speed limit. No drivers or operator may text, talk on cell phones or two-way radios whilst driving.
- 10) It is the responsibility of the driver to ensure:
 - i. He/she and their passengers wear seat belts whilst the vehicle is in motion.
 - ii. Comply with all traffic road rules, safety, direction and speed signs.
 - iii. Ensure that vehicle loads are properly secured and loaded onto vehicles.
 - iv. Ensure that vehicles are not overloaded.
- 11) The *Contractor* shall ensure that his employees and those of his contractors do not.
 - i. Ride on the back of elevators, cranes or other mobile plant equipment.
 - ii. Leave vehicles unattended with the engine running.
 - iii. Park vehicles in unauthorised zones/areas.
- 12) The *Employer* reserves the right to search any vehicle on the premises or when entering or leaving the premises.

- 13) The *Contractor* shall be solely responsible for the safety and security of any of his vehicles (including private vehicles) on the premises.
- 14) The *Contractor* shall attach identification markers on all construction vehicles that are permitted to enter the site.
- 15) The *Contractor* must maintain his vehicles and plant in a roadworthy condition with a valid license. These vehicles shall be subject to inspection by the *Employer's Agent*. Vehicles which are not roadworthy shall not be allowed onto the site.
- 16) In the event where the *Contractor* and his contractor do not own the equipment, the *Contractor* is still responsible for ensuring all conditions are complied with by all of his contractors or hire companies.
- 17) Drivers/operators shall be responsible for the travel-worthiness of all loads conveyed by them. Precautions shall be taken to lash all loads properly. Loads projecting from vehicles shall be securely loaded and in the daytime with a red flag, and during darkness, a red light or red reflective material shall be attached to the end of such projecting material.

C1.4.24 HOUSEKEEPING

- 1) The *Contractor* and his contractor shall maintain a high standard of housekeeping within site. Prompt separation and disposal of waste materials, scrap and rubbish, is essential and is for the account of the *Contractor*.
- 2) The *Contractor* shall carry out regular safety/housekeeping inspections (at least weekly) to ensure the maintenance of satisfactory standards. The *Contractor* shall document the results of each inspection and shall maintain records for viewing.

C1.4.25 SIGNAGE

All symbolic safety signage that the *Contractor* or his/her Contractors are to use or display shall comply with the requirements of SANS 1186.

C1.4.26 HAZARDOUS MATERIALS/CHEMICALS MANAGEMENT

- 1) HCS shall be managed as per HCS Regulations of the OHS Act 85 OF 1993.
- 2) Before bringing HCS onto the site or produced on the site, the *Contractor/contractor* shall supply the *Employer* with the following:
 - i. Material Safety Data Sheets (MSDS) per the requirements of the OHS Act –
 - ii. Regulations for Hazardous Chemical Substances;
 - iii. Proposed arrangements for safe storage;
 - iv. Proposed methods for handling/usage;
 - v. The proposed method of disposal;
 - vi. Hazard communication/training plan.

C1.4.27 FLAMMABLE AND COMBUSTIBLE LIQUIDS

Use and temporary storage of flammable and combustible liquids shall be managed as per Construction Regulations (CR 25) and GSR 4 of the OHS Act 85 OF 1993.

C1.4.28 COMPRESSED GAS CYLINDERS.

Use and temporary storage of Compressed Gas Cylinders shall be managed as per the General Safety Regulation 9 of the OHS Act 85 of 1993 and SABS 1548

C1.4.29 PERSONAL PROTECTIVE EQUIPMENT (PPE)

- 1) In terms of Section 8 of the OHS Act, the *Employer* must take steps to eliminate or mitigate any hazard or potential hazard to the safety or health of employees before resorting to PPE. The *Contractor's* employees and his contractor employees at the construction site, including visitors, shall use the relevant SANS approved, risk-based PPE at all times, as a minimum:
 - i. Head protection hard hat (with 3-point chin straps)
 - ii. Steel toe-capped safety boots.
 - iii. Safety Gloves
 - iv. Mask
 - v. Long-sleeved and long pants protective clothing with reflector strips.
- 2) The *Contractor* shall ensure that his employees understand why personal protective equipment is necessary and that they use them correctly. Strict non-compliance measures must be taken against any employee not complying with the use of PPE.

C1.4.30 Issue, Replacement and Control of PPE

- 1) The *Contractor* must provide a detailed procedure with a matrix on the issuing, maintenance and replacement of PPE for all his employees and contractors on site.
- 2) The *Contractor* is required to keep an updated register of all PPE issued, including that of his employees and contractors.

C1.4.31 TOOLS AND EQUIPMENT

All tools equipment brought onto site by the *Contractor* and their contractors shall be appropriate to the task being performed and in good condition. The *Contractor/contractor* shall ensure that he has all the necessary registers to record all tools and equipment. All employees shall be competent to operate or use tools and equipment.

C1.4.32 BARRICADING

Work areas must be adequately barricaded to prevent unauthorised access.

- 3) Digging, excavation, or driving a peg, pile or spike into the ground operations by the *Contractor/contractor* may not commence without the written authorisation from the *Employer*.
- 4) Before commencing work on any excavation or trench, utility owners shall be contacted and advised of the proposed work and determine the location of all underground installations, i.e., sewer, telephone, water, fuel, electric, etc. Overhead hazards shall be assessed and dealt with before the commencement of work.
- 5) Adequate precautions shall be taken by the Contractor to prevent slumping of excavations, as well as to prevent rocks and loose material falling onto workers.

- 6) All excavations done by the Contractor are to be demarcated and barricaded to prevent accidental access.
- 7) Only solid barricading shall be used at areas where a fall hazard is present. Solid barricading and/or hole covers shall be provided around all holes or openings to prevent any person from being injured as a result of a fall. Danger tape may only be used as a pre-warning to make the solid barricading more visible and to prevent persons from coming close to the danger area.
- 8) Barricading must be placed as close (500mm from the edge) as possible to the excavation.
- 9) If excavation or trench endangers the stability of buildings or walls, shoring, bracing, or underpinning shall be provided. Excavations and trenches that are adjacent to backfilled excavations or trenches, or which are subject to vibrations from railroad traffic, road traffic, blasting in open cast mining or the operation of machinery (e.g., shovels, cranes, trucks), must be secured by a support system, shield system or other protective systems (i.e., sheet pile shoring, bracing).
- 10) Where it is impracticable to provide fixed guard railing, effective removable barriers shall be provided at all unguarded openings in guard railing and shall be maintained in position at all times until the hazard no longer exists.
- 11) Warning signs and flashing warning lights at night shall be displayed in suitable positions to warn any persons approaching the area of the location and extent of any excavation.
- 12) No material to be within 3m of the excavation edges.
- 13) All excavations must be on the register and inspected daily before work commences and after inclement weather by the contractor's appointed competent person declared safe and his findings noted in the said register.
- 14) The *Employer* to review the said register on a pre-determined frequency not exceeding seven (7) days.
- 15) Whilst work is being performed in an excavation, there shall be a supervisor, at all times.
- 16) Every twelve meters, there shall be an escape ladder, in all excavations.
- 17) Requirements in Construction Regulation 13 of the OHS Act, shall apply as well.
- 18) No work shall commence in an excavation unless the excavation has been declared safe in writing by the appointed competent person.
- 19) The *Contractor* shall not have more than thirty open pits at a time.

C1.4.33 WORK STOPPAGE

- 1) The section aims to outline the conditions under which work shall be stopped and the process to be followed to ensure that the worksite is rendered safe.
- 2) The temporary stoppage of an activity/activities or task(s) may be because SHE concerns, including the following circumstances which shall not warrant any financial compensation:
 - i. All work of a similar nature may be stopped due to the occurrence of a serious incident, and the relevant *Contractor* shall be required to comply with, and/or verify, the conditions stipulated in the work stoppage instruction pack.

- ii. Ad hoc safety intervention by any person, especially SHE functionaries, may be due to unsafe work or unsafe behaviour by the *Contractor*. The conditions that gave rise to the work stoppage shall determine the corrective measures to be taken to protect the health and safety of employees and protect the environment and plant or equipment, etc.
- 3) The process to be followed is:
 - i. The relevant activity must be stopped.
 - ii. The *Employer's Agent* and/or *Contractor* and his contractors shall immediately remove the workforce from the work area and correct the health and safety deficiencies by allowing only the people in the area that are competent to make the area safe.
 - iii. The *Contractor* and his subcontractors shall ensure that no other work is being performed during this time. Should the estimated time from the outset to make the area safe where life-threatening/imminent danger situations exist, then the area shall be barricaded, and a sign placed with the wording "Unsafe Area – Authorized Access Only".
 - iv. The *Employer's Agent* shall review the affected parts/sections of the SHE specification to provide sufficient SHE information to the *Contractor*.
 - v. The *Contractor* shall then revise the relevant sections in the SHE plan to accommodate the changes.
 - vi. The *Employer's Agent* must ensure that the revised provisions in the SHE plan are adequate and must approve it before the work activity is commenced.
 - vii. Before the workforce is allowed back in the area, the *Contractor* and his subcontractors shall ensure:
 - that the area is re-inspected by Contractor Safety Officer and *Supervisor* and noting corrective actions taken.
 - declare the area safe for work by signing off on the "work stoppage" notice issued by the *Employer's Agent*.
 - refer to requirements of Construction Regulation 4(q) of the OHS Act.

NOTE: Work stoppages that are initiated due to SHE related shall not warrant any financial compensation claim lodged against *Employer*.

C1.4.34 SHE AUDITS/INSPECTIONS

The *Employer* reserves the right to conduct unannounced audits/inspections on contractors

1) Compliance and Approval of Contractor SHE Plan

The *Contractor's* SHE Plan shall be audited against a compliance checklist to confirm compliance with the requirements in the *Employer's* SHE specifications. Once there is compliance, the *Employer* shall approve the *Contractor's* SHE plan. The implementation of the SHE Plan shall be assessed by conducting systematic audits on site.

2) Contractor SHE Performance Evaluation

The *Employer* shall evaluate the *Contractor* SHE performance on an ongoing basis against the *Employer's* SHE specifications and requirements.

3) Internal Audits

Contractors are required to conduct monthly internal audits on both their employees and their contractors on the implementation of their SHE Plan or when the scope of work changes. A summary of the findings and the proposed corrective actions shall be submitted to the *Employer's Agent* on the last day of the audit. The report shall be submitted within one week after completion of the audit.

4) Third-Party Legal Compliance Verification Audits

The *Contractor* shall conduct a quarterly third-party legal compliance verification audit for the duration of the Framework Agreement. If *Contractor* has a third party legal compliance verification audit that is to be conducted on the site activities, then a copy of the summary of the findings and the proposed corrective actions shall be submitted to *Employer's Agent*. The written report shall be submitted within one week after the completion of the audit.

5) SHE Plan Audits

The *Employer* shall conduct monthly audits conducted on the *Contractor* and/or contractors. These audits shall be attended by the *Contractor's* site manager or his representative. If there are any findings/non-compliance identified in these audits, work shall be stopped for that specific *Contractor* and contractor company.

C1.4.35 INVESTIGATION OF FATALITIES / INJURIES / DISEASES / NEAR MISSES

- 1) The *Contractor* shall report all incidents/accidents as required in terms of legislation including near-miss incidents, first aid, medical treatment, lost time incidents (lost-time injuries and fatalities); Section 24 and 25 incidents; electrical contact; major equipment damage; chemical spillage and other environmental incidents within 24 hours or before the end of the work shift.
- 2) All incident reporting, recording, classification and investigation shall be done according to the *Employer* requirements
 - i. Date, time and place of incident;
 - ii. Description of the incident;
 - iii. The root cause of incident/accident;
 - iv. Type of injury (if any);
 - v. Medical treatment provided (if any);
 - vi. Persons involved;
 - vii. Names of witness/s;
 - viii. Corrective action to prevent a recurrence
- 3) It is required that all corrective action is closed out within 3 months. If this is not practicable within the timeframe, then it is to be submitted at a later date agreed to by the *Employer's Agent*.
- 4) If it is found that the *Contractor* or his contractor are hiding/not reporting incidents, then steps (which may include disciplinary action) would be taken against the Line Management of the *Contractor* and contractor. Please note that providing the accident/incident investigation report does not exempt the *Contractor* from providing accident reports required by Statutory Authorities, in particular, the Contractors' responsibility for reporting accidents in accordance with the requirements of the OHS Act and COLD Act.

- 5) The *Contractor* shall demonstrate that corrective action has been taken and that the action was communicated using the predetermined means to all *Contractor* staff affected. All corrective actions must be closed within 2 weeks from the date of issuing of the investigation report.
- 6) Feedback on the status of close out of corrective actions must be communicated at the relevant forums. The *Contractor* shall compile and implement the procedure for:
 - i. Reporting and investigation of incidents – This document sets out the procedures to be followed when reporting, recording and investigating incidents that occur on a construction site.
 - ii. Workplace Injury and Disease Recording – The purpose of this document should be a guide to the *Contractor* on how to accurately evaluate, define and categorise fatalities, injuries and occupational diseases in a data format for the calculation of performance indicators for health and safety.

C1.4.36 HEALTH AND SAFETY BEHAVIOUR OBSERVATIONS AND INSPECTIONS

The objective of behavioural safety observations is to assess and address the actual safe and unsafe behaviours of people in the workplace; as well as workplace conditions - which are caused by the actions or non-actions of employees, contractors or their supervisors.

C1.4.37 MONTHLY SHE STATISTICAL AND NON-STATISTICAL REPORTS

- 1) This section is to outline all the incidents the *Contractor* must report to the *Employer*, no later than the 2nd of every month, name of *Contractor*, name of each contractor and each company's performance, which includes the following as a minimum:
 - Incidents: Lost time, medical; first aid, near misses reported
 - Manpower numbers per *Contractor* and Contractor Company
 - Actual man-hours worked
 - Status on incidents investigated and recommendations closed out
 - Status on audits conducted and findings closed out.
- 2) The *Employer* shall define and provide a reporting template.

C1.4.38 OMISSIONS FROM THIS SHE SPECIFICATION

By drawing up this SHE specification, the *Employer* has endeavoured to address the most critical aspects relating to SHE issues to assist the *Contractor* to adequately provide for the health and safety of employees on site. Should *Employer* not have addressed all SHE aspects pertaining to the work that is tendered for, the contractor needs to inform the *Employer* of such issues when submitting the tender, and also include them in his SHE plan.

C1.4.39 SHE FILE

The *Contractor* must have a SHE File in which records of this specification and the SHE plan are kept, for the duration of the project. The file must be kept on the site and be made available on request for audit and inspection purposes. At the end of the project, the SHE File shall be handed over to the *Employer* for recordkeeping.

C1.4.40 CONTRACTOR'S ACCOUNTABILITIES FOR THEIR CONTRACTORS

- 1) If the *Contractor* needs to introduce a new contractor, the *Contractor* must first inform the *Employer* and obtain his approval. Such contractors must, in every respect, meet the *Employer's* SHE requirements.
- 2) Should the *Contractor* appoint a contractor, the *Contractor* would then have the same role and responsibility in relation to the contractors, in a similar way as the *Employer* has in relation to the *Contractor*.
- 3) The *Contractor* is directly accountable for the actions of his contractors. *The Contractor* shall be responsible for initiating any remedial action (recovery plan) that may be necessary to ensure that the contractor complies with all requirements.
- 4) The *Contractor* shall ensure that the contractors appointed have the necessary competencies and resources to perform the work safely. The *Contractor* shall provide any contractor who is making a bid or appointed to perform construction work, with the relevant sections of the documented SHE specification. Upon review of the contractor's SHE Plan, the *Contractor* shall provide the *Employer* with the said document for approval.
- 5) The *Contractor* shall carry out audits on the contractor at least monthly to ensure that their SHE plan is being implemented and maintained.
- 6) The *Employer* reserves the right to conduct health and safety audits on the contractor. Any non-conformances or findings or observations found in these audits shall be raised and discussed with the relevant *Contractor* (with whom the contractor is contracted with).
- 7) The *Employer* and/or the *Contractor* shall stop any contractor from executing construction work which poses a threat to the safety and health of persons or the environment or non-compliance to the approved SHE plan. The *Contractor* shall have a disciplinary process or an organisational procedure to deal with employees who have transgressed organisational requirements.

C1.4.41 HOURS OF WORK

All Works shall fall within the legal requirements in accordance with the Basic Conditions of Employment Act. The *Contractor* and his contractors shall notify the *Employer's Agent* of any work that needs to be performed after hours according to the agreed arrangements. The application needs to be submitted timeously, at least within the notice period of the contract.

FORM C1.5 SUPPLY CHAIN MANAGEMENT POLICY
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Please refer to O. R. Tambo Procurement Policy.

C2 PRICING DATA

C2.1 Pricing Instructions

C2.2 Bill of Quantities

FORM C2.1 PRICING INSTRUCTIONS

1. The Tender Data, the Scope of Work and the Drawings are to be read in conjunction with the Schedule of Quantities.
2.
 - a. The Schedule comprises items covering the Consortium's profit and costs of general liabilities and of the construction of temporary and permanent Works.
 - b. Although the Tenderer is at liberty to insert a rate of his own choosing for each item in the Schedule, his attention is drawn to the fact that the tenderer has the right, under various circumstances, to payment for additional works carried out and that the Client is obliged to base his assessment of the payment to be paid for such additional work on the rates inserted in the Schedule by the tenderer.
 - c. Clause 8 of each Standardized Specification and the measurement and payment clause of each Particular Specification, read together with the relevant clause of the Project Specification, set out what ancillary or associated activities are included in the rate for the operations specified.
3. Descriptions in the Schedule of Quantities are abbreviated. The schedule has been drawn up generally in accordance with the latest issue of "Civil Engineering Quantities". Should any requirement of the measurement and payment clause of the applicable Standardized Specification, or the Project Specification, or the Particular Specification(s) conflict with the terms of the Schedule or, when relevant "Civil Engineering Quantities", the requirement of the Standardized, Project or Particular Specification, as applicable, shall prevail.
4. Unless otherwise stated, items are measured net in accordance with the Drawings, and no allowance has been made for waste.
5. The prices and rates to be inserted in the Schedule of Quantities are to be the full inclusive prices to the Employer for the work described under the several items. The prices and rates shall be exclusive of Value Added Tax. Such prices shall cover all costs and expenses that may be required in and for the construction of the work described, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the documents on which the tender is based.
6. A price or rate is to be entered, in **BLACK INK**, against each item in the Schedule of Quantities.
7. In the event of the Tenderer failing to price any item it will be held that the Tenderer has made adequate allowance under other items for all labour, material and costs required for the execution, not only of the quantum of work covered by the unpriced item but also for any increase in the said quantum which may have to be undertaken during the course of the Contract.
8. An amount or rate shall be entered against each item in the Bill of Quantities, whether or not quantities are stated. An item against which no amount or rate is entered will be considered to be covered by the other amounts or rates in the Bill.

The Bidder shall also fill in a rate against the items where the words "rate only" appears in the amount column. Although no work is foreseen under these items and no quantities are consequently given in the quantity column, the bidden rates shall apply should work under these items actually be required.

9 The quantities set out in the schedule of quantities are only approximate quantities. The quantities of work finally accepted and certified for payment, and not the quantities given in the schedule of quantities, will be used to determine payments to the contractor.

10 For the purposes of this Bill of Quantities, the following words shall have the meanings hereby assigned to them:

Unit : The unit of measurement for each item of work as defined in the Standardized, Project or Particular Specifications

Quantity : The number of units of work for each item

Rate : The payment per unit of work at which the Bidder bids to do the work

Amount : The quantity of an item multiplied by the bid rate of the (same) item

Sum : An amount bid for an item, the extent of which is described in the Bill of Quantities, the Specifications or elsewhere, but of which the quantity of work is not measured in units

11 The units of measurement indicated in the Bill of Quantities are metric units. The following abbreviations may appear in the Bill of Quantities:

mm	=	millimetre
m	=	metre
km	=	kilometre
km-pass	=	kilometre-pass
m ²	=	square metre
m ² -pass	=	square metre-pass
ha	=	hectare
m ³	=	cubic metre
m ³ -km	=	cubic metre-kilometre
kW	=	kilowatt
kN	=	kilo newton
kg	=	kilogram
t	=	ton (1 000 kg)
%	=	per cent
MN	=	mega Newton

FORM C2.2 BILL OF QUANTITIES

C2.2 BILL OF QUANTITIES

Item	Description	Unit	Quantity	Rate	Amount
	SCHEDULE 1: PRELIMINARY AND GENERAL				
8.3	SCHEDULED FIXED CHARGE AND VALUE RELATED ITEMS				
8.3.1	Contractual Requirements				
	a) Provision of Surety	Sum			
	b) Provision of Insurance	Sum			
	c) Provision of the Health and Safety Plan and Safety File	Sum			
8.3.2	Establishment of Facilities on Site				
8.3.2.1	Facilities for the Engineer				
	a) Furnished Office	Sum			
	b) Contract Name board (No.: 01)	Sum			
8.3.2.2	Facilities for the Contractor				
	a) Furnished Office and Storage Shed / Container	Sum			
	b) Ablution and Latrine Facilities	Sum			
	c) Water Supply, Electricity, and Communication	Sum			
	d) Provision of Access and Security	Sum			
	e) Provision of Tools, Equipment and Plant	Sum			
8.4	SCHEDULED TIME - RELATED ITEMS				
8.4.1	Contractual Requirements				
	a) Time Related Provision of Surety				
	b) Time Related Provision of Insurance				
8.4.2	Operate and Maintain Facilities on Site for the Duration of the Contract				
8.4.2.1	Facilities for the Engineer - Engineers Office	Sum			
8.4.2.2	Facilities for the Contractor				
	a) Furnished Office and Storage Shed / Container	Sum			
	b) Ablution and Latrine Facilities	Sum			
	c) Water Supply, Electricity, and Communication	Sum			
	d) Provision of Access and Security	Sum			
	e) Provision of Tools, Equipment and Plant	Sum			
TOTAL CARRIED FORWARD					

Item	Description	Unit	Quantity	Rate	Amount
TOTAL BROUGHT FORWARD					
8.4.3	Supervision for the Duration of the Contract	Sum			
8.4.5	OTHER TIME - RELATED OBLIGATIONS Compliance with Occupational Health and Safety Act (2014 Regulations)				
	a) Baseline Medicals	Sum			
	b) Exit Medicals	Sum			
	c) Provision of PPE	Sum			
	d) Provision and Compliance with Covid - 19 Requirements and PPE	Sum			
	e) Other Items (Thermometer, Sanitiser, Detergents, Cleaning, etc.)	Sum			
8.5	SUMS STATED PROVISIONALLY BY THE ENGINEER				
	a) Remuneration of the CLO	Sum			R26 000,00
	b) Provision of R500 Airtime and 2GB Data	Sum			R3 200,00
	c) Overheads on Sub item 8.5 a) & b) above	%	R29 200,00		
TOTAL CARRIED TO SUMMARY					

Item	Description	Unit	Quantity	Rate	Amount
8.3.1 DA	SCHEDULE 2: PREFABRICATED VIP CONCRETE STRUCTURES				
	EXCAVATION				
	a) Excavation for a Double Pit Toilet as per drawing (Excavation for Soft, Intermediate and Hard Material)	No.	447		
	PIT FULL LINING				
	a) Full Pit Lining for a Double Pit VIP Toilet as per drawing	No.	447		
5.2.4.2 DM	PREFABRICATED VIP TOP STRUCTURES				
	Supply delivery and install pre-cast toilet superstructure complete with roof, floor slab, vent pipe (2000mm in height), fly screen, Spring loaded door with frame & lockable door handles and Child seat pedestal (including seat cover) with 10l Hand washing facility and basin as per drawing, including filler slabs. The Contractor must submit Happy Letters Signed by the Employer's Agent Representative, Contractor, ISD, Household owner and CLO. NB: No Payment shall be done without Signed Happy Letters				
	a) Prefabricated TOP Structure for a Double Pit VIP Toilet	No.	442		
	a) Prefabricated TOP Structure for a Double Pit VIP Toilet with Concrete Ramp as per Drawing (Disability Type Structure)	No.	5		
	BACKFILLING AND COMPACTION				
	Backfilling Material from Trench Excavation and Compacted in layers of 200mm to at least 90% Mod AASHTO and making good around the Pit, and Disposing away excess material. Backfilled Material to be placed, shaped and compacted in such a way that Water be carried away from the VIP Structure. a) Backfilling and Compaction around Structures	No.	447		
TOTAL CARRIED TO SUMMARY					

O. R. TAMBO DISTRICT MUNICIPALITY

PROJECT: MIS 418 508

CONSTRUCTION OF VIP TOILETS IN NYANDENI WARD 1
SANITATION

FORM C2.3 SUMMARY

DESCRIPTION	AMOUNT
SCHEDULE 1. PRELIMINARY AND GENERAL	
SCHEDULE 2. MATERIAL PROCUREMENT AND CONSTRUCTION	
3. SUBTOTAL	
4. ADD 5% CONTINGENCIES	
5. SUBTOTAL	
6. Add 15% VAT	
7. TOTAL CARRIED FORWARD TO FORM OF OFFER	

Name of Tenderer:

Date:

Signature:

Full name of signatory:

C3 SCOPE OF WORK

All definitions, interpretations and general provisions for the General Conditions of Contract for Construction Work (2015) (3rd edition) are applicable.

C 3.1 DESCRIPTIONS OF WORKS

C3.1.1 Client's Objective

The Clients objectives is to **Construct VIP Toilets to the community of Nyandeni Ward 1 Villages** and surrounding areas. The contractor shall use reasonable resources. These resources include local labour, sub-contractors, and plant hire. The specification of the material should be specified by the engineer.

It is a specific goal of this project that the labour component where possible be maximised where it is economically feasible, and that the use of this labour goes hand in hand with on the job training of the labour force. The project is thus process and product orientated, and it is expected that the contractor will pursue these goals in the execution of the project.

C3.1.2 Overview of the Works

The work entails the Construction of **447 VIP** toilets in **NYANDENI WARD 1**. The works take place in a built up area, and the existing services will have to be handled as part of the process.

C3.1.3 Extend of the Works

The work to be carried out by the Tenderer under this contract comprises mainly of the following:

- Clear and grub
- Excavate toilet pits (Double Pits)
- TOILET Pits fully lined with M6 blocks
- Construct toilet top-structure complete as per drawing with the following size and dimensions:
 - Side panels for precast structures should have a thickness of 40mm.
 - Plan dimension should have minimum internal dimensions of 1200mm x 1000m.
 - Height of 1800mm at the back and 2000mm at the front.
 - The vent pipe should extend 500mm above the height of the structure at the back
 - The floor concrete slab of 50mm thick with the Mesh Ref 195.
 - The slab thickness should be elevated 100mm above the natural ground level.
 - The bottom of the pit should have 40mm 25MPa concrete slab
 - The Door must come with a 5-year guarantee against wind damage, etc.
 - The door can be a polymer door
 - The 10 litre Hand wash facility with a basin
 - Filler Slabs

The work to be carried out by the Tenderer under this contract comprises mainly of the following:

- Project Management
- Material Sourcing and Delivery to Site
- Construction supervision
- Project Close out

The following shall be regarded as Normal Services:

NORMAL SERVICES	
3.1	Project Integration Management, encompassing the following activities needed to co-ordinate the various elements of the project:
3.1.1	Consult with the client to establish the project scope, objectives, priorities, constraints, assumptions and strategies
3.1.2	Review with client and update as necessary on a monthly basis
3.1.3	Manage the integration of the design, time programme and cost budget for the works, to form the basis of documents approved by the client
3.1.4	Manage the execution of the project in accordance with the approved drawings
3.1.5	Manage the control of all interrelated changes to the approved documents
3.2	Project Scope Management, encompassing the following activities needed to define the work required for the project:
3.2.1	Break down the scope of the project into a manageable work breakdown structure encompassing construction
3.2.2	Maintain the design of the works throughout the duration of the project
3.2.4	Establish and monitor the processes of controlling changes to the scope of the project, relevant to the stage
3.2.5	Manage the construction of the works
3.3	Project Time Management, encompassing the following activities needed for the orderly progression of the project to a timely completion:
3.3.1	Develop a master time programme of the interdependencies of construction stages
3.3.2	Review and update as necessary on a monthly basis
3.3.3	Control changes to the master time programme to reflect actual project status
3.3.4	Monitor that subordinate detailed time programmes are produced and maintained in conformity with the master time programme by the other project participants
3.4	Project Cost Management, encompassing the following activities needed to establish the approved cost budget for the project and manage project costs within this budget:
3.4.1	Establish responsibilities for information flow between the design team and the cost professional, responsible for the costing of the of the project
3.4.2	Monitor the costing of the project
3.4.3	Establish a format for the cost budget in consultation with the cost professional responsible for the cost of the project, that meets the client's reporting requirements
3.4.4	Establish and monitor the processes of controlling changes to the cost budget on a monthly basis
3.5	Project Quality Management, encompassing the following activities needed to give confidence that the requirements for the project will be met by the various participants:
3.5.1	Establish the organisation structure and responsibilities for quality management in the provision of professional services
3.5.2	Establish the organisation structure and responsibilities for quality management in the construction of the works
3.5.3	Monitor that all project participants meet their quality management obligations
3.6	Project Human Resource Management, encompassing the following activities needed to enhance the effective use of people involved with the project:
3.6.1	Establish the roles, responsibilities and reporting relationships between the various participating organisations for the project
3.6.2	Monitor that suitable key people are assigned by participating organisations to establish an adequate project team
3.6.3	Promote the development of project team spirit to enhance project performance

NORMAL SERVICES	
3.7	Project Communications Management, encompassing the following activities needed for the timely generation, distribution, reporting and storage of appropriate project information:
3.7.1	Establish the communications procedures and responsibilities for the project
3.7.2	Monitor the information distribution and record keeping
3.7.3	Collate information and prepare reports for submission to the client
3.7.4	Manage the closing out of the project and submission to the client of required records
3.8	Project Risk Management, encompassing the following activities that are additional to the risk management activities inherent in other aspects of Normal Services:
3.8.1	Establish responsibilities for arranging project insurance and monitoring the timeous provision of proof of insurance

The social facilitator shall be appointed directly by O. R. Tambo District Municipality. The appointed contractor shall work hand in hand with the appointed social facilitator (ISD Consultant). The duties of a Social Facilitator include the followings:

- The establishment of PSC
- Undertaking of community baseline survey
- Project awareness
- On-going support to the PSC particularly the labour desk
- Health and hygiene awareness
- Consultation with community with regard to VIP Technology
- Existing sanitation facilities
- Preparation of beneficiary list
- Preparation of Happy Letters
- Recruitment of CLO
- Monitoring
- Compilation of close out report

C3.1.4 Location of the Works

The site is situated in rural areas of **NYANDENI Local Municipality** in Ward 1. The Villages are listed below:

▪ Zandukwana Village	▪ Mahoyana Village
▪ Ngcolorha Village	▪ Khalandoda Village
▪ Thembeni Village	▪ Mjobeni Village
▪ Esiqikini Village	▪ Matolweni Village

C3.1.5 Construction program

It is specifically brought to the notice of the Contractor that time is critical on this project, and the construction period will be a major factor in the award of the tender.

Tenderers shall submit with their tender their **Preliminary weekly programme for the construction** of the Works under this contract to suit their proposed method of executing the Works. The programme shall be sufficiently detailed to differentiate between the various activities so that the contract may be properly evaluated.

C3.1.6 Change in works

The ORTDM may, from time to time by order in writing without in any way vitiating the Contract or giving to the Contractor any claim for additional payment, require the Contractor to proceed with the execution of the works in such order as in his opinion may be necessary, and may alter the order of or suspend any part of the Works at such time and times as he may deem desirable and the Contractor shall not, after receiving such written order, proceed with work ordered to be suspended until he shall receive a written order to do so from the ORTDM. Where the work must of necessity be carried out in conjunction with work of other Contractors, or with that of the Employer, it shall be co-ordinated and arranged in such a manner as to Interfere as little as possible with the progress of such other work so as to offer every reasonable facility to other Contractors or to employees of the Employer.

C3.1.7 Commencement in Terms of the works

No work may commence on the project unless the *Employer's Agent* has issued an instruction to commence with the *Works* in terms of Clause 5.3.1, whereas the following documentation has been approved by the *Employer*:

- 8) Design Package
- 9) Health and Safety File
- 10) Initial Programme
- 11) All the guarantees required under this Contract have been duly obtained
- 12) All the insurances required under this Contract have been duly obtained
- 13) Site Access has been granted to the *Contractor* by the *Employer*.

The *Contractor* shall submit all requisite documentation within the period stated in clause 5.3.2 of Seven (07) days after the Receipt of the Appointment Letter. Should there be a need to rectify the documentation, an additional opportunity shall be granted to conform to the requirements; the *Contractor* must resubmit the revised documentation within seven days of being instructed to do so by the *Employer's Agent*. Thereafter, should the documentation fail to comply with the requirements set out in this Contract, the *Employer* may terminate the *Contract*.

C3.2 ENGINEERING

C3.2.1 Design Services and Activity Matrix

Description	Responsibility
Design of Works (Specification)	Client
Concept, feasibility and overall process	Client
Basic Engineering and detail layouts to tender stage	Client
Final Design of Works	Consultant / Client
Final Design to approved for construction stage	Client
Preparation of tender documentation & adverts	Client
Appointment of soil test / topographical surveyors	Contractor
Appointment of sub-contractors	Contractor
Supervision	Consultant
Preparation of as-built drawings	Consultant
Completion certificate	Consultant / Contractor / Client

C3.2.2 MEETINGS

Meetings of a general nature may be convened and chaired by the *Employer's Agent*. Meetings of a specialist nature to address specific issues as and when the need arises, may be convened as specified elsewhere in this Works Information or if not so specified by persons and at times and locations to suit the Parties. Records of these meetings shall be submitted to the Employer's Agent by the person convening the meeting within five (5) days of the meeting.

All meetings shall be recorded using minutes or a register prepared and circulated by the person who convened the meeting. Such minutes or register shall not be used to confirm actions or instructions under the contract as these shall be done separately by the person identified in the conditions of contract to carry out such actions or instructions.

The Contractor shall be represented at all meetings by at-least one of the key personnel, preferably the Construction Manager. All charges in respect of attendance at meetings and the provision of secretarial services shall be included in the tendered basic fee.

Meeting Type	Location	Interval	Attendance
Management Meeting	Employer Offices	Time to Time	<i>Employer's Agent, Employer's Agent Representative, Contractor, Employer, ISD Consultant, and OHS Agent</i>
Site Handover meeting	Site	After the acceptance of the SHE File	<i>Employer's Agent, Employer's Agent Representative, Contractor, Employer, ISD Consultant, Community and OHS Agent</i>
Community/Stakeholder Meetings	Site	Monthly	<i>Contractor, PSC, Employer's Agent (ISD)</i>
Toolbox talk and risk assessment	Site	Occurs daily, before work begins.	<i>Contractor</i>
Site/Technical Meetings	Site	Monthly	<i>Employer's Agent, Employer's Agent Representative, Contractor, Employer and OHS Agent</i>

C3.2.3 Contract Management

The *Contractor* is to ensure that all Construction Managers are competent and trained in the use of the general provisions of the General Conditions of Contract for Construction Works, Third Edition, 2015 (GCC 2015) and are fully conversant and familiar with the usage and procedures thereof. Adherence to the terms and conditions of the GCC is essential, and a requirement of all Construction Managers dedicated to the project.

C3.2.4 Communications

Each instruction, certificate, submission, proposal, record, acceptance, notification, reply and other communication which this contract requires is communicated in a form which can be read, copied, and recorded, meaning in writing. A communication has effect when it is received at the

last address notified by the recipient for receiving communications or, if none is notified, at the address of the recipient stated in the Contract Data.

Any notice or instruction required or permitted to be given under this *Contract* shall be in writing, specifically refer to this *Contract*, and shall be addressed to the appropriate recipient. Furthermore, instructions shall be issued by the *Employer's Agent* only, however, site instructions relating to the quality of work may be issued by the *Employer's Agent Representative* where appropriate.

C3.2.5 CONTRACTOR'S MANAGEMENT, SUPERVISION AND KEY PEOPLE

The *Contractor* shall submit an organogram showing all key people involved in the execution of the *Works*. All key personnel must be appointed in writing, must be current for the specific site and area of work and must be kept on file.

The *Contractor* shall also ensure that all plant, equipment, and resources dedicated to the project shall not be removed from site until there is no use for the intended plant and equipment. No moving of equipment and resources between projects shall be allowed without the *Employer's Agent* approval as it shall have an impact on the completion of the project and lead to delays in completion.

C3.2.6 REPORTING AND KPA

The Contractor shall monthly provide a progress, labour and subcontractor expenditure reports as required for MIG, EPWP and CPG reporting in a format approved by the *Employer*. It is mandatory requirement of this Contract that the *Contractor* submit these reports together with its application for interim payment.

No interim payments shall be approved if any of the above reports are not included in the submission. To avoid doubt, the Contractor shall submit the following documents together with its application for interim payment:

- 14) Letter of appointment
- 15) Bank Account Confirmation Letter
- 16) Tax Invoice
- 17) Payment Certificate
- 18) EPWP Labour Report
- 19) CPG Expenditure Report
- 20) MIG Progress Report
- 21) Signed Happy Letter Register
- 22) Delivery notes signed by Employer's Agent Representative and Contractor
- 23) Cession Agreement, if applicable
- 24) Cessionary Bank Confirmation letter, if applicable
- 25) Cessionary Invoice, if applicable

Within seven (7) days of the *Commencement Date*, the *Employer's Agent* shall issue Employer approved formats for the following:

- Payment Certificate
- Progress Report
- EPWP Labour Report
- CPG Expenditure Report

C3.2.7 Drawings

ORTDM will provide the Contractor with one full set of drawings, which will be used exclusively for the recording of as built information by the Contractor.

Only dimensions, positions, levels, co-ordinates etc. that change from the original values, will be required to be entered on these drawings. These drawings, fully marked up, will be handed to the Client at the issue of the Certificate of completion, which will not be issued until the as-built information has been received.

The following drawings are applicable to this contract:

- Pre-cast VIP Toilet: Floor Slab, Slab Detail, Side Elevation and pit detail

C3.3 PROCUREMENT

Tenders will be evaluated in terms of the Supply Chain Management policy of the O. R. Tambo District Municipality and the lowest tender will not necessarily be accepted and the right to accept the whole or part of any tender or not to consider any tender not suitably endorsed is fully and solely reserved by the O. R. Tambo District Municipality.

Tender shall be scored on an 80/20-point system where 80 will be for the price and 20 points is in terms of B-BBEE status level of contributor as follows:

B-BBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant Contributor	0

C3.4 SUB-CONTRACTING

No work may be sub-contracted to another party unless approval is given by the ORTDM in writing. The Contractor is to submit to the ORTDM in writing a request for appointment of a particular sub-contractor. Accompanying this request is to be the full detail of the sub-contractor, including:

- Previous work experience.
- Work which will be sub-contracted to the Sub-contractor.
- Approximate value of the work to be sub-contracted.

C3.5 CONSTRUCTION

C3.5.1 Work Specifications

The following applicable standardized and particular specifications are relevant to this contract:

SANS 1200 A General

SANS 1200 DAH Earthworks (small works)

SANS 1200 DB Earthworks (Pipe trenches)
SANS 1200 L Medium Pressure Pipelines
SANS 1200 GA Concrete (small works)
SANS 1200 LB Bedding (pipes)

C3.5.2 Plant and materials

All materials shall comply with the requirements of the South African National Standards, and shall bear the official standardization mark. Where SANS does not exist for a certain material, or a material does not bear the official standardization mark, the materials must be approved by the Engineers before utilised on site.

C3.5.3 Construction Equipment

All equipment on site shall be in a good working order, and is to be in such a condition that it can achieve production rates which are typical of the industry standards.

Should any equipment, in the opinion of the Engineer, be substandard or breaks down frequently to such an extent that it affects the progress on the project, the Engineer may instruct the Contractor to replace such equipment.

C 3.5.4 Existing Services

The Contractor shall so carry out all his operations as not to encroach on, or interfere with, trespass on, or damage adjoining lands, building properties, roads, structures, places and things in the vicinity of the Works, and he shall free and relieve the Employer of any liability that may be incurred in consequence of his failure to do so.

The services existing on the site will be either shown on the drawings or pointed out on site by the Engineer and / or the Municipality. No excavation work will commence unless a representative of the Municipality and/or the Engineer have been requested to point out existing services in the area under construction. Written confirmation of services that have been pointed out by the Municipality is to be obtained by the Contractor.

All existing services on the site may not be shown on the drawings or be visible on the site. The Engineer may order excavation by hand in order to search for and expose services. An item has been included in the Schedule of Quantities to cover the cost of such work if so ordered by the Engineer. Where a service is damaged because of the Contractors negligence he shall be liable for the cost involved in the repair of the services and any other consequent cost that may arise due to the interruption of the damaged services.

No excavation is to take place until a representative from the Municipality has been contacted and he has pointed out the existing services to the Contractor and confirmed it in writing. The same shall apply to all Telkom services in the area.

C3.5.5 Site Establishment

The Contractor should take note of the following requirements with regard to site establishment:

- **Contractual Requirements**

The Sum shall cover the Contractor's costs of providing Sureties, Insurances of the Works and Plant, Health and Safety plan, Health and Safety File, third party and public Liability insurance and unemployment insurance to cover his compliance with the requirements, and any other initial financing obligations of a preliminary and general nature.

- **Establishment of Facilities on Site**

The Sums shall cover the cost of providing, establishing and commissioning on the site. These facilities shall be adequately equipped to allow the work to commence and to proceed to completion as required in terms of the Contract. These facilities include; facilities for the Engineer (RE) i.e. furnished offices, and facilities for the Contractor; i.e. Offices and Storage Sheds, Ablution facilities, Access, Plant, Tools and equipment.

- **Source of Water Supply**

Water is available from the existing water network in Nyandeni LM and the contractor is to arrange with the O. R. Tambo District Municipality for a connection point. The Contractor will be responsible for the costs of the connection as well as the use of water for construction purposes. The Contractor's attention is drawn to the fact that the potable water supply is erratic in this area. Under no circumstances may potable water be used for construction, unless written permission is granted by the Client.

- **Sources of power supply**

Electricity is available from the existing network in Nyandeni LM and the Contractor is to arrange with the Local Authority for a connection. The Contractor will be responsible for the costs of electricity consumed as well as the connection costs.

- **Location of camp and depot**

On Consultation with the Ward Councillor, Local Chief, Headman, PSC and the CLO. Then the PSC shall point out the position of the Contractor camp to the Contractor during the site handover meeting. The Contractor may assume that the site camp will be within Site, however, due to the extent of the Site, some work areas may be 2-5km away from the camp site. The contractor should make allowance in his/her pricing for extensive travelling as only one camp site will be allowed and paid for.

- **Sanitary facilities**

The Contractor is to provide all the necessary sanitary facilities at the site camp, all of which will be governed by the requirements of the O. R. Tambo District Municipality. The Contractor shall pay all sanitary fees and charges due.

- Temporary offices

The Contractor is not required to provide any specific office space for the Client, but the Contractor's offices shall have adequate space and facilities for the Engineer to be used by the Client as well and for the holding of site meetings, and for the Client to perform administrative functions.

Neither housing nor shelters will be provided for the contractor's employees, and the Contractor shall make his own arrangements to house his employees and transport them to the Site.

- Name Boards

One name board shall be provided in positions as ordered by the Client and / or the Engineer's Representative. The Client will provide the lettering required once the tender is awarded.

- Housekeeping, Stacking, Storage, and Demarcation

Prior to receiving and storing the material, the Contractor should identify and notify all the areas he intends to stack and store materials to the *Employer's Agent Representative* and *Employer's Agent for health and safety* for acceptance about the suitability of the identified areas. Once the areas are accepted, the Contractor shall temporarily demarcate these areas appropriately, restricting unauthorised access. The temporary demarcation shall be in the form of fencing, access control and hazard tape (Red and White or Yellow and Black). The Contractor should then request approval by the *Employer's Agent Representative* and *Employer's Agent for health and safety*. Materials may only be stored in areas which have been approved/accepted by the *Employer's Agent Representative* and *Employer's Agent for health and safety*.

Failure to comply with the above, shall be construed a substantial breach of the health and safety requirements and the Employer may terminate the Contract in terms of clause 9.2.1 of the conditions.

NOTE: Where hazards exist, and entry must be specifically excluded for safety or health reasons, a robust and substantial barrier of timber, rope or other material must be used in conjunction with barrier tape to prevent entry to unauthorised persons. Hazard tape in any form must not be used in isolation

- Survey assistant and equipment

The Contractor will be required to make any survey equipment available specifically for the use of the client.

- **The Scheduled Time Related Items:**

- **Contractual Requirements:**

The Sum shall cover all the Contractor's time related costs of providing Surety, insurance of the Works and plant, Health and Safety plan, Health and Safety File, third party or public liability insurance and unemployment insurance to cover his compliance.

- **Facilities on Site**

These costs shall include the operation and maintenance of all the facilities of the Engineer's and Contractor's for the duration of the Contract.

- **Supervision for the Duration of Construction**

The Sum shall cover the cost of on-site supervision and local administration as the Contractor considers necessary for the proper completion of the works, and shall cover the costs of salaries, wages, and allowances paid to the Full time staff; i.e. Site Agent, Foreman, Health and Safety Officer, Assistants and other site supervisory staff connected to the Contract.

- **Compliance with Occupational Health and Safety Specification 2014 Regulations**

The sum shall cover the costs related to Occupational health and safety Act 85 of 1993 and its regulations and with the employer's health and safety Specification. These costs include the cost of baseline and exit Medicals of all the employees. Also included in these costs are Health and Safety induction training, provision of PPE equipment, including Covid-19 compliance and Provision of Health and safety signage in terms of Health and Safety Act and its regulations.

The *Contractor* shall ensure that all required documents prescribed by Law are kept on file at the site office. All OHS and Construction Regulation requirements are to be adhered to by the *Contractor*.

C3.5.6 Site Usage

- **Ground and access to the works**

The Contractor shall where necessary on or adjacent to roads which carry traffic; provide all the necessary barricades and signs in accordance with the stipulations of the South African Road Traffic Signs Manual, and in strict accordance with the requirements of the Protective Services of the O. R. Tambo District Municipality.

The Contractor shall further ensure that all public roads that are used for access to the site are kept free of debris at all times. The Contractor shall also take adequate measures to ensure that dust is kept to an acceptable level. The term acceptable is to be deemed as acceptable to the Client.

- **Care, damage and protection**

The Contractor shall at his own cost make full provision for all watching and lighting necessary for the protection of all persons, animals, vehicles, etc., from injury by reason of the Works. He shall provide ample warning signs, guard rails, etc., around open excavations, stacks of materials, excavated material, debris or the like, and he shall be held liable for all claims made upon himself or upon the Employer by reason of his neglect of all such precautions and provisions.

During the periods of construction of the Works and the repair of defects, the Contractor shall, at his own cost, to the satisfaction of the Client and the relevant Authority, take sufficient and adequate measures to avoid interrupting the use of all roads, footpaths, water courses, drains, pipes, telephones, electric wires and cables, premises, places and works, public or private, which may in any way be interfered with by the operations; and shall also afterwards permanently restore all

structures and everything which may have been temporarily displaced or otherwise interfered with, all to the satisfaction of the Client and the relevant Authority, without extra charge beyond the Contract price.

- Survey beacons

The Contractor shall take care to safeguard any permanent survey beacons such as erf boundary pegs and reference beacons. Should the Contractor disturb any such pegs and beacons, he shall have them replaced at his own cost by a registered Land Surveyor. The Contractor is to provide the Client with written confirmation from the Land Surveyor that he has replaced the relevant beacons.

The Contractor's attention is drawn to article 35(i) of the Land Surveying Act No. 9 of 1927 (as amended) in this regard.

- Blasting

As the construction takes place within a built up area, extreme care is to be taken during any blasting operations.

No blasting shall be permitted without prior written consent from the client. Written as well as verbal notice will be given to all house owners in the affected area 24 hours prior to the blast being set off, and the contractor is to do a survey of all the houses (internal and external) in the area prior to blasting.

A full daily report of all blasting operations (in duplicate) is to be completed by the Contractor. This report shall inter alia contain the following information:

- Date and time of each blast
- Number of holes
- Charge per hole
- Use of relays, etc.

This report is to be submitted to the Client on a weekly basis and is to be countersigned by the Engineer.

- Protection of existing vegetation

Before any tree is cut down and removed from the site, the Contractor shall confirm the necessity of such action with the Client.

- Access to individual erven

Access to all public and private property must be maintained at all times. Where trenches cross the access point to any property, the Contractor is to arrange for adequate and safe vehicular and pedestrian crossings over the trenches.

The Engineer must approve the method of providing access before any excavation commences.

C3.5.7 Management of the Works

- **Setting out of the works**

Setting out will be done according to WGS 84. Under no circumstances may existing boundaries be used for setting out purposes. Tenderer is informed hereby that a suitably qualified Surveyor will be required for setting out of the works.

- **Health & Safety**

All work is to be carried out in accordance with the Occupational Health and Safety Act and Regulations (Act 85 of 1993) (a copy of which must be kept on site), the Explosive Material Act of (Act 26 of 1956), the Minerals Act of 1991, and the Factories Machinery and Building Work Act (No 22 of 1941).

Two items relating to the fixed cost and time related cost of complying with these regulations have been provided in the Schedule of Quantities.

The Contractor is to ensure that **at least** the following is allowed for Contractor's rates:-

- (i) Provision of a full-time safety officer for the duration of the contract.
- (ii) Provision of all safety equipment required in terms of the Act (e.g. gloves, hard hats, safety boots, harness, masks, goggles, Vests, etc.).
- (iii) Provision for all other costs necessary for conforming to the Regulations (e.g. management, risk assessments, etc.)
- (iv) Compliance with all Covid-19 requirements and levels

- **Accommodation of traffic**

It is expected of the Contractor to ensure that the free flow of traffic is possible throughout the construction period.

The Contractor is to provide all necessary barricades, signs and lighting in accordance with the stipulations of the South African Road Signs Traffic Manual, and the Protective Services of the O. R. Tambo District Municipality. All work is to be to the satisfaction of the Engineer.

- **Inspection by engineer**

No stage of construction shall be proceeded with until the Engineer or his representative has examined and approved the previous stage. If any work is covered or hidden from view before the Engineer has inspected same, the Contractor shall at his own cost open the covered work for inspection. The Contractor shall also be responsible for making good any work damaged by such uncovering.

- **Employment of local labour**

It is a specific criterion of this project that should as far as possible adheres to RDP principles, and to meet these principles the following procedures will be followed:

All labour is to be sourced from the NYANDENI Municipality area of jurisdiction and the Contractor may only bring in key personnel from outside this area.

C3.5.8 EARTHWORKS

C3.5.8.1 Excavations

All open excavations/pits on site shall be adequately demarcated and protected. These pits shall not be left open without supervision. ***The Contractor shall ensure that no open holes/pits should be open for longer than 48 hours***, if necessary, the excavated hole/pit shall be backfilled temporarily with approved material until the pit lining and slab are installed. The Contractor shall submit a method statement for temporality backfilling open holes/pits to the *Employer's Agent* for approval prior to use. The Contractor will be responsible for the costs of temporarily backfilling and excavating the holes.

Failure to comply with the above, shall be construed a substantial breach of the health and safety requirements and the Employer may terminate the Contract in terms of clause 9.2.1 of the conditions.

C3.5.9 QUALITY CONTROL

This section covers the general responsibilities of the Contractor for ensuring that the quality of workmanship and materials provided under the Contract comply with the requirements of the Contract. It also describes the *Employer's Agent's* responsibilities and authority regarding acceptance control and lays down general principles in dealing with substandard work and remedial measures.

C3.5.9.1 Employer's Agent's Responsibilities

In respect of quality control, the Employer's Agent's responsibilities are to observe and inspect the quality of work and workmanship produced under this Contract. This shall not be deemed to imply that the Employer's Agent will necessarily be able to inspect each and every aspect of each item of work produced or to observe every action or method of operation employed in constructing the Works.

Acceptance of any item of work will therefore not necessarily mean that the Employer's Agent has inspected and approved all aspects of work accepted, and any faults or defects discovered after acceptance shall be rectified by the Contractor if the Employer's Agent so requires and at the Contractor's own cost. Any reliance therefore placed by the Contractor on the acceptance given by the Employer's Agent shall be at his own risk.

C3.5.9.2 Contractor's Responsibilities'

The responsibility for producing work and workmanship and for supplying materials conforming in all respects to the specified requirements shall be that of the Contractor. For this purpose, the Contractor shall employ the necessary supervision, inspection, testing and other facilities as may be necessary to ensure compliance with the requirements of this specification. Where necessary, any process of the manufacture of precast materials used in the Works shall be controlled by a method of process control. Any work or materials not conforming to the specifications shall be removed and replaced with work or materials conforming to the specifications or, subject to the Engineer's approval, be improved by such remedial measures as the Engineer may approve so that they will conform to the Specifications.

The Contractor shall from time to time submit items of work which have been completed to the Employer's Agent for approval. Before submitting such work, he shall conduct such tests and inspections as may be necessary to establish conformance with the requirements specified and shall submit the results of such tests and inspections together with his application for approval. The Contractor shall be responsible for ensuring that all work is eventually submitted to and approved by the Employer's Agent. Materials used in the construction of the Works shall be systematically inspected and, where applicable, tested by the Contractor to ensure compliance with the specified requirements. Copies of the results of such tests or inspections shall be furnished to the Employer's Agent as soon as they become available.

C3.5.9.3 Process Control

The Contractor shall develop and implement processes and procedures which efficiently and effectively monitor, verify, and document the quality of Works deliverables.

The Employer reserves the right to appoint resident quality inspectors that can be based at the contractor's premises and on-site where the work is being performed. The Contractor is expected to provide workspace at no cost to the Employer, for the inspector as required.

C3.6 CONTACT PERSON ON PROJECT

The contact person on this project is as follows:

Contact Person: Mr. Nkosiyo Noto 047 501 6400 / 6425

C3.7 EMPLOYER'S DESIGN

C3.7.1 EMPLOYER'S DESIGN

The *Employer* is not responsible for the design of the Works.

C3.7.2 CONTRACTOR'S DESIGN

Within 14 days of signing the *Commencement Date*, the *Contractor* shall submit his design package for acceptance. Each Design Package shall be required to contain at least the documents and information specified below:

- 1) detailed drawings of the proposed VIP Toilet.
- 2) Professional Indemnity Insurance of Structural Engineer.
- 3) ECSA registration of Structural Engineer; and
- 4) ISO 9001 Certificate or similar for manufacture and supply of concrete toilets

The VIP toilet designs to be submitted by the *Contractor/s* shall be lightweight, easy to construct, made from lightweight glass fibre reinforced cement (GRC) panels or a similar precast concrete product that is impervious to corrosion and rot. Additionally, the designs shall comply with the minimum technical requirements for the precast toilet units as summarised below:

- 1) The pit may be square or round
- 2) The cover slab should be made of 50MPa precast concrete

- 3) Double pit precast concrete lining with a minimum effective storage volume of 4m^3 , prolongs the life span of the pit, by rotating the pedestal from one pit to the other
- 4) The pit design should allow for emptying and disposal either manually or by vacuum
- 5) The precast concrete cover slab shall be 100mm above NGL with a minimum load capacity of @ 5,0 kN/m². (500 kg/m²).
- 6) The pedestal should be commercially fabricated with ceramic, polyethene, glass-reinforced plastic (GRP) or PVC
- 7) The vent pipe should be manufactured from a uPVC pipe and extend at least 500mm above the height of the structure.
- 8) The fly-screen should be resistant to damage from UV light, rainwater and the gases emanating from the pit.
- 9) The design of the superstructure should ensure privacy, comfort, and protection against the weather.
- 10) A toilet seat should be installed. The minimum internal dimensions of an oval seat are 310mm and 250mm, and for a round seat, the diameter is 250mm. The opening in the seat should be smaller than the opening in the pedestal with an overlap of at least 10 mm at the front-end side and at least 70 mm at the back.
- 11) The surfaces of the toilet seat and lid should be smooth and free of obstructions
- 12) The door shall be a galvanized door with two spring-loaded hinges and must come with a 5-year guarantee against wind damage
- 13) The 10-litre hand wash facility with a basin.
- 14) To minimise the risk of contaminating groundwater sources, the guidelines provided in the DWAF Ground Water Protocol must be followed.

The minimum recommended dimensions of the VIP toilet are listed in the table below:

Component	Recommended Minimum Dimensions	
Pit	Double Pit - minimum effective storage volume of	4m^3
	freeboard is	0.5m
Collar	minimum depth is	500mm
	the projection above ground level	75mm
	slab support width	75mm
Slab	minimum thickness	75mm
	overlap on collar	75mm
Pedestal	height from floor	350-450mm
Superstructure	Internal height at the back:	1.8m
	Internal height at the front:	2.0m
	Internal width	1.1m
	Internal length, door opening outwards:	1.2m
	Distance between pedestal and door	0.6m
Door	Height	1.5m
	Width	0,7m

Vent Pipe	Diameter	110mm
	Extending above roof	500mm
Fly screen	Openings	1mm x 1mm

The *Employer*, shall evaluate each Design Package and, where necessary, give directions to the *Contractor* submitting the Design Package to adjust the contents thereof until the *Employer* approves such Design Package as being fully compliant with the design requirements or those Structures with Prior Approval, but to be Retro Fitted to cater for a Double Pit.

Once the *Employer* has approved a *Contractor's* Design Package, that *Contractor* shall, unless otherwise agreed by the *Employer*, be required to undertake the *Works* in compliance with their approved Design Package. For the avoidance of doubt, the *Employer's Agent* shall not issue an instruction to commence with the *Works* until such a time that the Design Package has been unconditionally approved by the *Employer*.

C3.8 EMPLOYMENT OF UNSKILLED AND SEMI-SKILLED WORKERS IN LABOUR INTENSIVE WORKS

C3.8.1 Requirements for the sourcing and engagement of labour

3.8.1.1 Unskilled and semi-skilled labour required for the execution of all labour intensive works shall be engaged strictly in accordance with prevailing legislation and SANS 1914-5, Participation of Targeted Labour.

3.8.1.2 The rate of pay set for the SPWP is **R200.00 per task or per day (Minimum)**.

3.8.1.3 Tasks established by the contractor must be such that:

- a) the average worker completes 5 tasks per week in 40 hours or less; and
- b) the weakest worker completes 5 tasks per week in 55 hours or less.

3.8.1.4 The contractor must revise the time taken to complete a task whenever it is established that the time taken to complete a weekly task is not within the requirements of 3.8.1.3.

3.8.1.5 The Contractor shall, through all available community structures, inform the local community of the labour intensive works and the employment opportunities presented thereby. Preference must be given to people with previous practical experience in construction and / or who come from households:

- a) where the head of the household has less than a primary school education;
- b) that have less than one full time person earning an income;
- c) where subsistence agriculture is the source of income.
- d) those who are not in receipt of any social security pension income

3.8.1.6 The Contractor shall endeavour to ensure that the expenditure on the employment of temporary workers is in the following proportions:

- a) 40 % women;
- b) 20% youth who are between the ages of 18 and 35; and
- c) 2% on persons with disabilities.

3.8.1.7 The Contractor in Consultation with the Community representatives must recommend task rates to be used on the Project for approval by the O. R. Tambo District Municipality.

C3.8.2 Specific provisions pertaining to SANS 1914-5

3.8.2.1 Definitions Targeted labour

Unemployed persons who are employed as local labour on the project.

3.8.2.2 Contract participation goals

a. There is no specified contract participation goal for the contract. The contract participation goal shall be measured in the performance of the contract to enable the employment provided to targeted labour to be quantified.

b. The wages and allowances used to calculate the contract participation goal shall, with respect to both time-rated and task rated workers, comprise all wages paid, and any training allowance paid in respect of agreed training programmes.

3.8.2.3 Terms and conditions for the engagement of targeted labour

Further to the provisions of clause 3.3.2 of SANS 1914-5, written contracts shall be entered into with targeted labour.

3.8.2.4 Variations to SANS 1914-5

The definition for net amount shall be amended as follows:

Financial value of the contract upon completion, exclusive of any value added tax or sales tax which the law requires the employer to pay the contractor.

C3.8.3 Training of targeted labour

3.8.3.1 The contractor shall provide all the necessary on-the-job training to targeted labour to enable such labour to master the basic work techniques required to undertake the work in accordance with the requirements of the contract in a manner that does not compromise worker health and safety.

3.8.3.2 The cost of the formal training of targeted labour, including that associated with the transporting and accommodation of such workers, will be funded by the local office of the Department of Labour. The contractor must access this training by informing the relevant regional office of the Department of Labour in writing, within 14 days of being awarded the contract, of the likely number of persons that will undergo training and when such training is required. The Employer must be furnished with a copy of this request.

3.8.3.3 The contractor shall do nothing to dissuade targeted labour from participating in training programmes and shall take all reasonable steps to ensure that each beneficiary is provided with two days of formal training for every 22 days worked.

3.8.3.4 An allowance equal to 100% of the task rate or daily rate shall be paid by the contractor to workers who attend formal training, in terms of 8.3.3.3 Above.

3.8.3.5 Proof of compliance with the requirements of 8.3.3.2 to 8.3.3.3. must be provided by the Contractor to the Employer prior to submission of the final payment certificate.

C3.9 GENERIC LABOUR INTENSIVE SPECIFICATION**C3.9.1 Scope**

This specification establishes general requirements for activities which are to be executed by hand involving the following:

- a) Trenches having a depth of less than 1.5 metres
- b) stormwater drainage
- c) low-volume roads and sidewalks

C3.9.2 Precedence

Where this specification is in conflict with any other standard or specification referred to in the Scope of Works to this Contract, the requirements of this specification shall prevail.

C3.9.3 Hand excavateable material

Hand excavateable material is material:

a) Granular materials:

- i) whose consistency when profiled may in terms of table 1 be classified as very loose, loose, medium dense, or dense; or
- ii) where the material is a gravel having a maximum particle size of 10mm and contains no isolated boulders, up to 15 blows of a dynamic cone penetrometer is required to penetrate 100mm;

b) Cohesive materials:

- i) whose consistency when profiled may in terms of table 1 be classified as very soft, soft, firm, stiff and stiff / very stiff; or
- ii) where the material is a gravel having a maximum particle size of 10mm and contains no isolated boulders, up to 8 blows of a dynamic cone penetrometer is required to penetrate 100mm;

Note: A gravel is by definition material with a particle size in excess of 2mm.

Table 1: Consistency of materials when profiled

GRANULAR MATERIALS		COHENSIVE MATERIALS	
CONSISTENCY	DESCRIPTION	CONSISTENCY	DESCRIPTION
Very loose	Crumbles very easily when scraped by a geological pick	Very soft	Geological pick head can easily be pushed in as far as the shaft of the handle.
Loose	Small resistance to penetration by sharp end of a geological pick	Soft	Easily dented by thumb; sharp end of a geological pick can be pushed in 30-40 mm; can be moulded by fingers with some pressure
Medium Dense	Considerable resistance to penetration by sharp end of a geological pick	Firm	Indented by thumb with effort; sharp end of geological pick can be pushed in up to 10 mm; very difficult to mould with fingers; can just be penetrated with an ordinary hand spade.

Dense	Very high resistance to penetration by the sharp end of geological pick; requires many blows for excavation	Stiff	Can be indented by thumbnail; slight indentation produced by pushing geological pick point into soil; cannot be moulded by fingers.
Very dense	High resistance to repeated blows of a geological pick	Very stiff	Indented by thumbnail with difficulty; slight indentation produced by blow of a geological point.

C3.9.4 Trench excavation

All hand excavateable material in trenches having a depth of less than 1,5 metres shall be excavated by hand.

C3.9.5 Compaction of backfilling to trenches (areas not subject to traffic)

Backfilling to trenches shall be placed in layers of thickness (before compaction) not exceeding 200mm.

Each layer shall be compacted using hand stampers

- to 90% Proctor density;
- such that in excess of 5 blows of a dynamic cone penetrometer (DCP) is required to penetrate 100 mm of the backfill, provided that backfill does not comprise more than 10% gravel of size less than 10mm and contains no isolated boulders, or
- such that the density of the compacted trench backfill is not less than that of the surrounding undisturbed soil when tested comparatively with a DCP.

C3.9.6 Excavation

All hand excavateable material including topsoil classified as soft shall be excavated by hand. Harder material may be loosened by mechanical means prior to excavation by hand.

The excavation of any material which presents the possibility of danger or injury to workers shall not be excavated by hand.

C3.9.7 Clearing and grubbing

Grass and small bushes shall be cleared by hand.

C3.9.8 Shaping

All shaping shall be undertaken by hand.

C3.9.9 Loading

All loading shall be done by hand, regardless of the method of haulage.

C3.9.10 Haul

Excavation material shall be hauled to its point of placement by means of wheelbarrows where the haul distance is not greater than 200 m.

C3.9.11 Offloading

All material, however transported, is to be off-loaded by hand, unless tipper-trucks are utilised for haulage

C3.9.12 Spreading

All material shall be spread by hand.

C3.9.13 Compaction

Small areas may be compacted by hand provided that the specified compaction is achieved.

C3.9.14 Grassing

All grassing shall be undertaken by sprigging, sodding, or seeding by hand.

C3.9.15 Stone pitching and rubble concrete masonry

All stone required for stone pitching and rubble concrete masonry, whether grouted or dry, must to be collected, loaded, off loaded and placed by hand.

Sand and stone shall be hauled to its point of placement by means of wheelbarrows where the haul distance is not greater than 200m.

Grout shall be mixed and placed by hand.

C3.9.16 Manufactured Elements

Elements manufactured or designed by the Contractor, such as manhole rings and cover slabs, precast concrete planks and pipes, masonry units and edge beams shall not individually, have a mass of more than 320kg. In addition, the items shall be large enough so that four workers can conveniently and simultaneously acquire a proper hand hold on them.

C3.10 PROJECT SPECIFICATIONS

PSA 1 QUALITY AND SAMPLES (Subclause 3.1)

Add to the Subclause:

All materials shall comply with the requirements of the South African Bureau of Standards, and shall bear the official standardization mark. Where SABS standard does not exist for a certain material, or a material does not bear the official standardization mark, the Engineers approval of such material must be gained before use thereof.

PSA 2 CONTRACTOR'S OFFICE AND STORES (Subclause 4.2)

Add to the Subclause:

Neither housing nor shelters will be provided for the contractor's employees, and the Contractor shall make his own arrangements to house his employees and transport them to the Site.

PSA 3 SETTING OUT OF THE WORKS (Subclause 5.1.1)

Generally, the positions of the works will be fixed according to the position of the existing pipes in the area. The Contractor is to confirm all exact pipe positions with the Engineer prior to commencement of excavations.

PSA 4 SAFETY (Subclause 5.7)

Add to the Subclause:

All work is to be carried out in accordance with the Occupational Health and Safety Act and Regulations (Act 85 of 1993) and Construction Regulations 2014 (copies of which must be kept on site), the Explosive Material Act of (Act 26 of 1956), the Minerals Act of 1991, and the Factories Machinery and Building Work Act (No 22 of 1941).

PSA 5 GROUND AND ACCESS TO WORKS (Subclause 5.8)

Add to the Subclause:

The Contractor shall where necessary on or adjacent to roads which carry traffic, provide all the necessary barricades and signs in accordance with the stipulations of the South African Road Traffic Signs Manual, and in strict accordance with the requirements of the Protective Services of the O. R. Tambo District Municipal and the OHS Act and Construction regulations.

The Contractor shall further ensure that all public roads that are used for access to the site are kept free of debris at all times. The Contractor shall also take adequate measures to ensure that dust is kept to an acceptable level. The term acceptable is to be deemed as acceptable to the Engineer.

PSA 6 APPROVED LABORATORIES (Subclause 7.2 of SABS 1200A General)

It is not required for the Contractor to supply a laboratory for testing materials on site, and he may submit the name and credentials of a local commercial laboratory, for approval by the Engineer if he so requires.

PSA 7 ACCOMODATION OF TRAFFIC (Subclause 5.2)

Add the following to the subclause:

It is expected of the Contractor to ensure that the free flow of traffic is possible throughout the construction period.

The Contractor is to provide all necessary barricades, signs and lighting in accordance with the stipulations of the South African Road Signs Traffic Manual, and the Protective Services of the O. R. Tambo District Municipality. All work is to be to the satisfaction of the Engineer.

PSAB: SABS 1200 AB – ENGINEERS OFFICE

PSAB 1 SURVEY ASSISTANT AND EQUIPMENT

The Contractor will not be required to make any survey equipment available specifically for the use of the Engineer / Client.

The Contractor will however make 2 survey assistants available to the Engineer / Client as and when required.

The Contractor is however required to provide a Dynamic Cone Penetrometer (DCP) on site for the use of the Engineers or Employer's Representative to test Compaction.

PSAB 2 NAMEBOARDS (Sub clause 3.1)

One name board shall be provided (as specified in the drawing) in positions as ordered by the Engineer. The Engineer will provide the lettering required once the tender is awarded.

PSAB 3 FACILITIES FOR ENGINEER

No specific offices are required for the Engineer on this contract. The contractor is however expected to have enough space for the holding of site meetings.

PSC: SABS 1200 C – SITE CLEARANCE

PSC 1 DISPOSAL OF SURPLUS MATERIAL (Subclause 3.1)

The disposal site is at the discretion of the Contractor but with approval from the Engineer.

PSDB: SABS 1200 DB – EARTHWORKS (PIPE TRENCHES)

PSDB 1 PRECAUTIONS (Subclause 5.1)

Add the following to Subclause 5.1.1 General:

Delete the first four lines and substitute the following:

The Contractor or his agent or representative appointed in writing shall be deemed to be and shall be both the “excavator” and “a person who is competent to pronounce on the safety” of all bracing and shoring as set out in regulation 13 (demolition and excavation) of the General Safety Act No 6 of 1983As published in the Government Gazette no 10252 Volume 251 page 30 of May 1986 (as amended).

PSDB 5 EXISTING SERVICES (Subclause 5.1.4)

Add to the subclause:

All existing services on the site may not be shown on the drawings or be visible on the site. The Engineer may order excavation by hand in order to search for and expose services. An item has been included in the Schedule of Quantities to cover the cost of such work if so ordered by the Engineer. Where a service is damaged because of the Contractor's negligence he shall be liable for the cost involved in the repair of the services and any other consequent cost that may arise due to the interruption of the damaged services.

No excavation is to take place until a representative from the Municipality has been contacted and he has pointed out the existing services to the Contractor and confirmed it in writing. The same shall apply to all Telkom services in the area.

PSDB 6 TRANSPORT FOR EARTHWORKS AND TRENCHES (Subclause 5.6.8)

Add the following to clause 5.2.6.1 of SABS 1200 DA:

- c) Notwithstanding anything stated to the contrary, the freehaul distance on this contract will be taken as 2,0km.

PSDB 8 BARRICADING AND LIGHTING (Subclause 5.1.1.1)

Delete the Subclause and substitute the following:

In terms of the Occupational Health and Safety Act and Construction Regulations 2014 (as amended), every excavation that is accessible to the public or that is adjacent to a public road or thoroughfare, or by which the safety of persons may be endangered, shall be

a) **For Excavations Other Than Trenches:**

- i) Adequately protected by a barrier or fence at least one-metre-high erected as close to the excavation as is practicable; and
- ii) Provided with red warning lights or any other visible boundary indicators at night or when visibility conditions are poor; and
- iii) Inspected by watchmen employed by the Contractor to ensure that barricades and lights are effective at all times.
- vi) Regularly inspected by watchmen employed by the Contractor to ensure that barricades, bridges, warning barriers and lights are effective at all times.

PSGA SABS 1200 GA – CONCRETE (SMALL WORKS)**PSGA 1 CEMENT (Subclause 3.2)**

Unless written consent to the contrary is received from the Engineer, all cement used on the contract will be Ordinary Portland cement (CEM I 42,5).

PSGA 2 FINISH (Subclause 4.4.2)

All exposed concrete surfaces shall be floated off to the necessary gradients and planes, and while still green, will be finished off to a smooth surface with a wooden trowel.

PSGA 3 CONCRETE STRENGTH (Subclause 5.4.1.5)

The strength of concrete necessary for the different portions of the work 25MPa:

Should concrete for the works be mixed on site, the Contractor is to provide the Engineer with a mix design carried out by an approved laboratory for approval. The Contractor is also to furnish the Engineer with the methodology and equipment to be used for the mixing of concrete for approval by the Engineer. Six tests cubes are to be taken prior to the first concrete pour, and the 7-day result will be utilized as a first indication of suitability of the mix design. Approval will however be based on the 28-day strength.

C3.5 CPG APPLICABILITY

The Contract Participation Goals (CPG) target is applicable to all MIG contracts to be adjudicated through the O. R. Tambo District Municipality procurement process and shall be achieved through the following mechanisms:

- Main Service Provider may propose a suitable targeted enterprise or CPG partner/s but O. R. Tambo District Municipality reserves the right to provide or arrange a targeted enterprise or CPG partner/s to work with the successful company.
- In cases where CPG works has been already identified, the successful tenderer will be allocated a CPG partner/s as deemed necessary by the Engineer.

Professional Service Providers						
Type Of Enterprise		Annual Turnover	Black Ownership	Tax Clearance Certificate	Minimum Full Time Technical Employees	CPG Target
Targeted Enterprise (TE)	Qualifying Small Enterprise	$R5\text{ m} \leq TE \leq R15\text{ m}$	> 50%	Required	>6	30% Min.
	Emerging Micro Enterprise	$TE < R5\text{ m}$	> 50%	Required	>3	

For each monthly invoice submitted by the Service Provider, the Targeted Enterprise(s) hours and costs per function must be clearly articulated to enable the CPG targets to be easily and regularly monitored. The Service Provider must withhold 10% retention of the Targeted Enterprise(s) fees until the acceptance of the project. The Service Provider must pay the amount due to the Targeted Enterprise(s) within 3 days of receiving payment from the Employer.

C4 SITE INFORMATION

In Contract Data, reference has been made to this section of the contract for the location of Site Information.

There is currently no information on the ground water protocol. All toilet pits shall be fully lined.

The site is situated in rural areas of **Nyandeni Local Municipality Ward 1 Sanitation**.

GENERAL DESCRIPTION

The **Site** is situated in rural areas of OR Tambo District Municipality, specially within the geographical boundaries of Nyandeni Ward 1. Nyandeni Ward 1 is located approximately 17km from the town of Mthatha and can be accessed through N2. The following villages shall be covered:

▪ <i>Zandukwana Village</i>	▪ <i>Mahoyana Village</i>
▪ <i>Ngcolorha Village</i>	▪ <i>Khalandoda Village</i>
▪ <i>Thembeni Village</i>	▪ <i>Mjobeni Village</i>
▪ <i>Esiqikini Village</i>	▪ <i>Matolweni Village</i>

EXISTING BUILDINGS, STRUCTURES, AND PLANT & MACHINERY ON THE SITE

There are existing buildings in the erven in which the Contractor is expected to install the toilets. Therefore, the Contractor shall exercise due skill and care to ensure that they have permission to access the erven and to protect the existing buildings and structures from any damage.

SUBSOIL INFORMATION

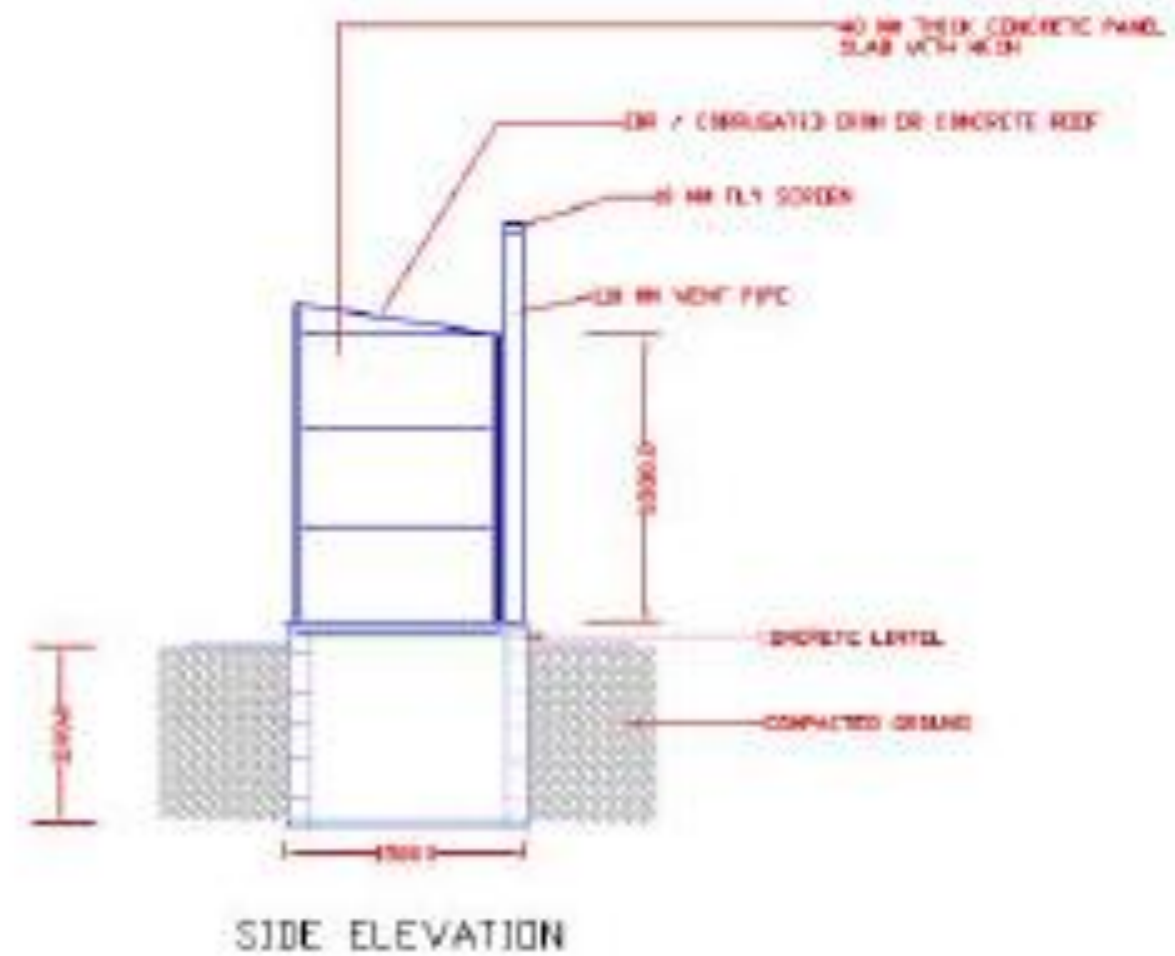
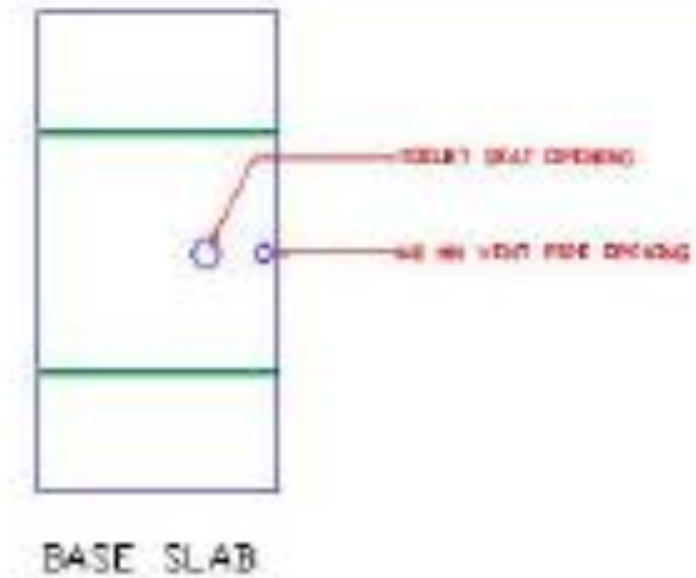
The *Contractor* may encounter all subsoil conditions from soft soil, intermediate to hard rock at depths of less than 1.0m or less. The pricing is assumed to make allowance for all subsoil types and the *Employer's Agent* shall accept no additional compensation in this regard.

TOPOGRAPHY

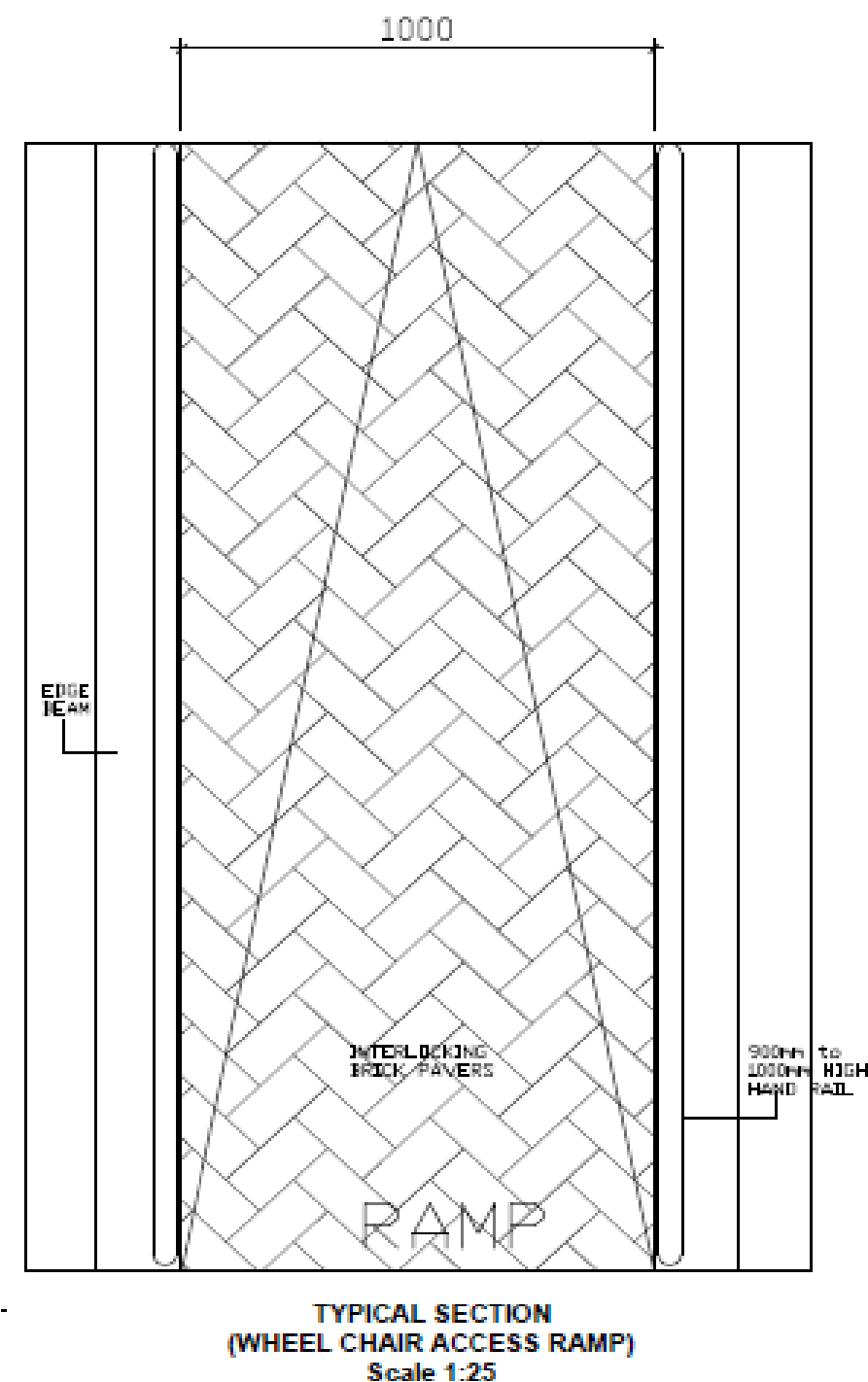
The topography of the Works Areas varies between flat and mountainous, wherein some instance the beneficiary households are not accessible by any Motorised equipment. The pricing is assumed to make allowance for all topographical types and the Project Manager shall accept no additional compensation in this regard. When excavating, you may encounter intermediate material and hard rock at depths of 1.0 m or less.

C5 DRAWINGS

1. What are the basic life habits?
2. What are the life cycle stages?
3. Which substances constitute the life cycle of the life?
4. Which substances of the life cycle are the most important?
5. Which stages of life are the most and the least important?
6. The life cycle of the life cycle is the most important.
7. Which life cycle stages are the most important?
8. Which life cycle stages are the most important?
9. Which life cycle stages are the most important?
10. Which life cycle stages are the most important?



		<p>TITLE:</p> <p>PROJECT:</p> <p>PARTFOOD:</p>	<p>VSP STRUCTURE FOR DYNAMIC PT</p> <p>DANIELSON/REDDITS</p> <p>VSP STRUCTURE FOR DYNAMIC PT</p>		<p>TY THERMODYNAMIC</p> <p>TY THERMODYNAMIC</p> <p>TY THERMODYNAMIC</p>
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- NOTES:**
- **ADDED** **WATER** TO **IC** **CONTAINED** ON A **SHEDDLE** OF **NO** **LESS** **THAN** **100** **OR** **1000**
 - **DEVELOP** TO **CONSTRUCT** **AL** **CELLS** ON **IC** **FROM** TO **CONSTRUCT** **OF** **IC** **CELL**
 - **CONSTRUCT** **IF** **ADDED** **WATER** TO **IC** **ON** **SHEDDLE** **IN** **CONSTRUCT** **AND**
 - **WATER** **CONSTRUCT** **CELLS** **NOT** **TO** **CONSTRUCT** **500** **FROM** **THE** **SHEDDLE** **WATER**

AS-BUILT RECORD			
CONTRACT NO.	DESCRIPTION	CONSTRUCTED BY	DATE

ENTERED AS-BUILT FOR CONTRACT :

[illegible]

IBT
O.R.Tambo District Municipality
Private Bag X 6043
Tambo House
Nelson Mandela Drive
Meyers Park
Midvaal
1906

PROJECT TITLE:

SANITATION PROJECTS

DRAWING TITLE:

WHEELCHAIR ACCESS RAMP

DATE:	CO-ORDINATE SYSTEM:
-------	---------------------

ORIGINAL DRAWING SCALE:	ORIGINAL DRAWING SHEET SIZE:
	A4



O.R.Tambo District Municipality
Private Bag X 6043
Tambo House
Nelson Mandela Drive
Mycoo Park
Midvaal
5099

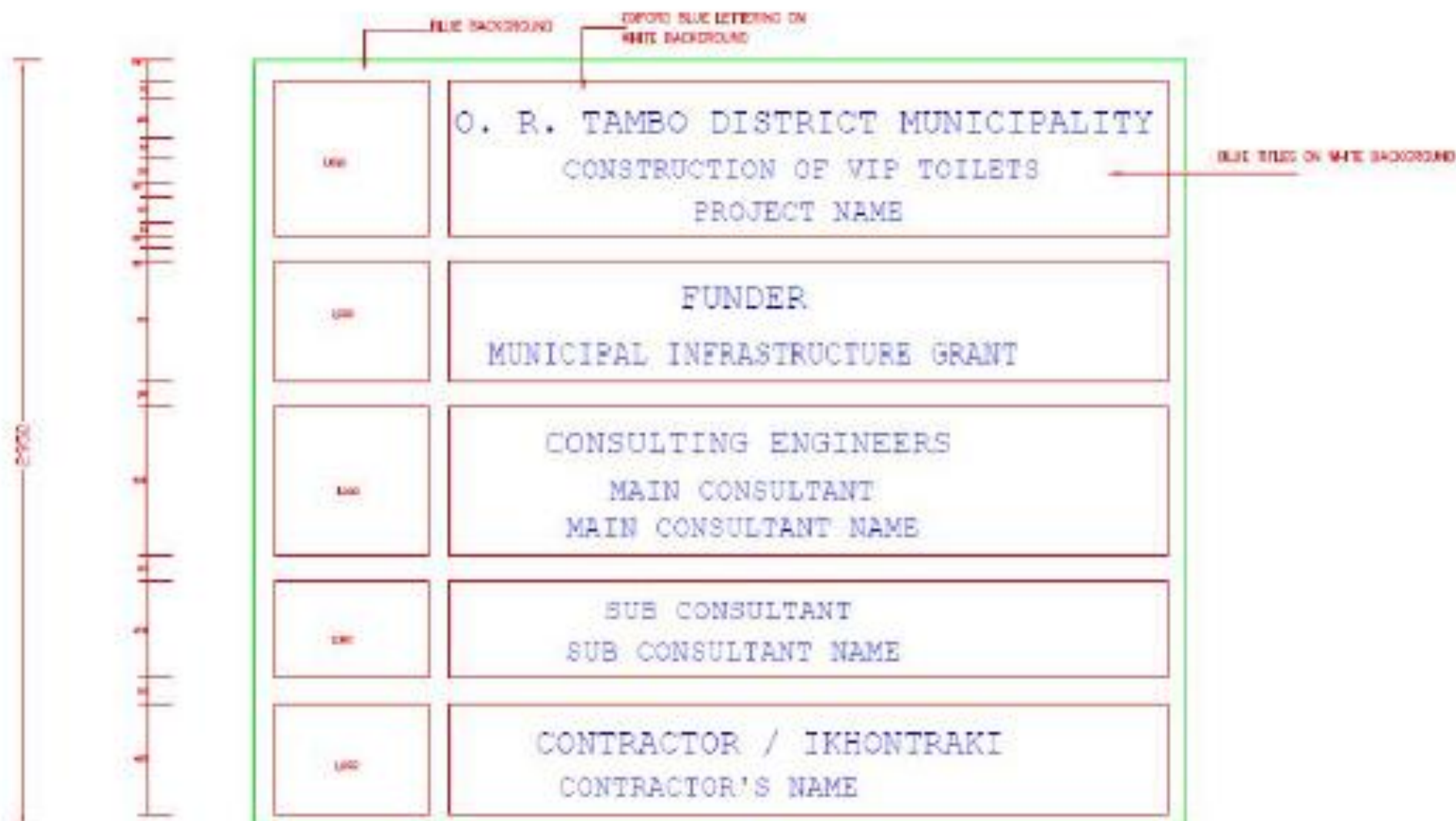
SURVEYED		DESIGNED	

DESIGNED		CHECKED	
APPROVED ON BEHALF OF OR TANDU DISTRICT MUNICIPALITY			

ENGINEER: _____	DATE: _____
DRAWING NO: _____	VERSION: _____

CLIENT OR ASSIGNEE: _____		DATE: _____
CLIENT: _____	CLIENT: _____	

1. THE COLOUR OF THE PRINT MUST CORRESPOND WITH THE REQUIREMENTS OF THE CO-ORDINATING ORGANISATION OUT OF ONE OF THE LAYS
2. THE QUALITY OF THE PRINT MUST CORRESPOND WITH THE REQUIREMENTS OF THE CO-ORDINATING ORGANISATION OUT OF ONE OF THE LAYS
3. THE WHITE MARKS MUST BE ARRANGED IN A SQUARE SURROUNDING WHOLE OR HALF SIGNATURE AND MUST BE APPROVED BY THE EXAMINER
4. DURING 24 CONSECUTIVE PAGES 10 ARTIST MARKS MUST BE PROVIDED INDIVIDUALLY



<p>NAME O. H. TAMBO LIMITED</p> <p>ADDRESS 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198, 200, 202, 204, 206, 208, 210, 212, 214, 216, 218, 220, 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 252, 254, 256, 258, 260, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, 284, 286, 288, 290, 292, 294, 296, 298, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 354, 356, 358, 360, 362, 364, 366, 368, 370, 372, 374, 376, 378, 380, 382, 384, 386, 388, 390, 392, 394, 396, 398, 400, 402, 404, 406, 408, 410, 412, 414, 416, 418, 420, 422, 424, 426, 428, 430, 432, 434, 436, 438, 440, 442, 444, 446, 448, 450, 452, 454, 456, 458, 460, 462, 464, 466, 468, 470, 472, 474, 476, 478, 480, 482, 484, 486, 488, 490, 492, 494, 496, 498, 500, 502, 504, 506, 508, 510, 512, 514, 516, 518, 520, 522, 524, 526, 528, 530, 532, 534, 536, 538, 540, 542, 544, 546, 548, 550, 552, 554, 556, 558, 560, 562, 564, 566, 568, 570, 572, 574, 576, 578, 580, 582, 584, 586, 588, 590, 592, 594, 596, 598, 600, 602, 604, 606, 608, 610, 612, 614, 616, 618, 620, 622, 624, 626, 628, 630, 632, 634, 636, 638, 640, 642, 644, 646, 648, 650, 652, 654, 656, 658, 660, 662, 664, 666, 668, 670, 672, 674, 676, 678, 680, 682, 684, 686, 688, 690, 692, 694, 696, 698, 700, 702, 704, 706, 708, 710, 712, 714, 716, 718, 720, 722, 724, 726, 728, 730, 732, 734, 736, 738, 740, 742, 744, 746, 748, 750, 752, 754, 756, 758, 760, 762, 764, 766, 768, 770, 772, 774, 776, 778, 780, 782, 784, 786, 788, 790, 792, 794, 796, 798, 800, 802, 804, 806, 808, 810, 812, 814, 816, 818, 820, 822, 824, 826, 828, 830, 832, 834, 836, 838, 840, 842, 844, 846, 848, 850, 852, 854, 856, 858, 860, 862, 864, 866, 868, 870, 872, 874, 876, 878, 880, 882, 884, 886, 888, 890, 892, 894, 896, 898, 900, 902, 904, 906, 908, 910, 912, 914, 916, 918, 920, 922, 924, 926, 928, 930, 932, 934, 936, 938, 940, 942, 944, 946, 948, 950, 952, 954, 956, 958, 960, 962, 964, 966, 968, 970, 972, 974, 976, 978, 980, 982, 984, 986, 988, 990, 992, 994, 996, 998, 1000, 1002, 1004, 1006, 1008, 1010, 1012, 1014, 1016, 1018, 1020, 1022, 1024, 1026, 1028, 1030, 1032, 1034, 1036, 1038, 1040, 1042, 1044, 1046, 1048, 1050, 1052, 1054, 1056, 1058, 1060, 1062, 1064, 1066, 1068, 1070, 1072, 1074, 1076, 1078, 1080, 1082, 1084, 1086, 1088, 1090, 1092, 1094, 1096, 1098, 1100, 1102, 1104, 1106, 1108, 1110, 1112, 1114, 1116, 1118, 1120, 1122, 1124, 1126, 1128, 1130, 1132, 1134, 1136, 1138, 1140, 1142, 1144, 1146, 1148, 1150, 1152, 1154, 1156, 1158, 1160, 1162, 1164, 1166, 1168, 1170, 1172, 1174, 1176, 1178, 1180, 1182, 1184, 1186, 1188, 1190, 1192, 1194, 1196, 1198, 1200, 1202, 1204, 1206, 1208, 1210, 1212, 1214, 1216, 1218, 1220, 1222, 1224, 1226, 1228, 1230, 1232, 1234, 1236, 1238, 1240, 1242, 1244, 1246, 1248, 1250, 1252, 1254, 1256, 1258, 1260, 1262, 1264, 1266, 1268, 1270, 1272, 1274, 1276, 1278, 1280, 1282, 1284, 1286, 1288, 1290, 1292, 1294, 1296, 1298, 1300, 1302, 1304, 1306, 1308, 1310, 1312, 1314, 1316, 1318, 1320, 1322, 1324, 1326, 1328, 1330, 1332, 1334, 1336, 1338, 1340, 1342, 1344, 1346, 1348, 1350, 1352, 1354, 1356, 1358, 1360, 1362, 1364, 1366, 1368, 1370, 1372, 1374, 1376, 1378, 1380, 1382, 1384, 1386, 1388, 1390, 1392, 1394, 1396, 1398, 1400, 1402, 1404, 1406, 1408, 1410, 1412, 1414, 1416, 1418, 1420, 1422, 1424, 1426, 1428, 1430, 1432, 1434, 1436, 1438, 1440, 1442, 1444, 1446, 1448, 1450, 1452, 1454, 1456, 1458, 1460, 1462, 1464, 1466, 1468, 1470, 1472, 1474, 1476, 1478, 1480, 1482, 1484, 1486, 1488, 1490, 1492, 1494, 1496, 1498, 1500, 1502, 1504, 1506, 1508, 1510, 1512, 1514, 1516, 1518, 1520, 1522, 1524, 1526, 1528, 1530, 1532, 1534, 1536, 1538, 1540, </p>

TITLE:	NAMEBOARD DRAWING SANITATION PROJECTS
PROJECT:	SANITATION PROJECTS
PURPOSE:	NAMEBOARD DRAWING

[illegible]

본 연구의 목적은 다음과 같다. 첫째, 본 연구는 국내의 기업들이 해외에서 자금을 조달할 때 어떤 형태의 금융기관을 선택하는지를 분석하고, 둘째, 이러한 선택이 기업의 재무구조와 경영성과에 미치는 영향을 분석한다. 셋째, 본 연구는 기업의 해외 자금 조달에 영향을 미치는 다양한 요인들을 분석하고, 마지막으로, 본 연구는 기업의 해외 자금 조달에 대한 정책 제언을 제공한다.