



**agriculture
& rural development**

Department:
agriculture
& rural development
PROVINCE OF KWAZULU-NATAL

**KWAZULU-NATAL DEPARTMENT OF AGRICULTURE AND RURAL
DEVELOPMENT**

Quotation No: R/S/2122/1997

UPGRADE OF BULK FUEL STORAGE AND BOWSER FACILITIES

NAME OF BIDDER: _____

COMPULSORY SITE BRIEFING	
DATE	11 FEBRUARY 2022
MEETING VENUE	1 CEDARA ROAD , FARM SERVICES
MEETING ADDRESS	1 CEDARA ROAD , FARM SERVICES
MEETING TIME	11H00
START TIME	11H00

**1. PRE-QUALIFICATION CRITERIA
CIDB 1ME/ GB/ CE**

Evaluation will be in terms of the 80/20 preference point system

For more information, please contact the following official:

**For: Technical Enquiries
Robert De Neef
082 959 0364**

**For: Quotation/SCM enquiries:
Mrs Bonnie Mabaso
033-343 8311**

CLOSING DATE: 21 FEBRUARY 2022 TIME: 11:00 AM



KWAZULU-NATAL PROVINCE
AGRICULTURE AND RURAL DEVELOPMENT
 REPUBLIC OF SOUTH AFRICA

INVITATION OF QUOTATION ABOVE R30,000.00

THIS FORM SHOULD BE COMPLETED IN DETAIL AND SHOULD BE ACCOMPANIED BY A **VALID TAX COMPLIANCE STATUS PIN AND VALID BBBEE VERIFICATION CERTIFICATE/AFFIDAVIT**

QUOTATION NUMBER: R/S/2122/1997	VALIDITY PERIOD OF QUOTATION..... Days (To be completed by the Supplier)
CLOSING DATE: 21 FEBRUARY 2022	CLOSING TIME:11H00
DESCRIPTION(SPECIFICATION/S) OF ITEMS/ SERVICE REQUIRED: Upgrade of bulk fuel storage and bowser facilities As per attached specification	COMPANY NAME: TEL NO: FAX NO: CONTACT PERSON: CSD REG NUMBER MAAA.....
DOES OFFER COMPLY WITH SPECIFICATION?	YES/NO (DELETE WHICH EVER IS NOT APPLICABLE)
DOES ARTICLE COMPLY WITH SABS SPECIFICATION? HAS IT BEEN INSPECTED BY SABS?	YES/NO YES/NO (DELETE WHICH EVER IS NOT APPLICABLE)
DELIVERY PERIOD AFTER INITIAL ORDER?	
IS THE PRICE FIRM	
WHERE ARE THE STOCK HELD? (PHYSICAL ADDRESS , PLEASE)	
QUOTATION PRICE INCLUDING VAT (VAT TO BE ADDED BY REGISTERED VAT VENDORS ONLY)	TOTAL: R
COMPANY OFFICIAL STAMP (COMPULSORY) SIGNATURE OF BIDDER DATE
NUMBER OF PAGES FAXED BACK TO THE DEPARTMENT BY THE SUPPLIER(Supplier to complete)

NB: QUOTATION FOR THE ATTENTION OF: BONNIE MABASO 033 3438311
 HAND DELIVER TENDER BOX -4 PIN OAK AVENUE, HILTON QUARRY

NB:

THE ATTACHED SBD4, SBD 6.1, SBD 6.2, SBD 7.2 SBD 8, SBD9, SBD 10 FORMS MUST BE COMPLETED IN FULL.
 THIS REQUEST FOR QUOTATION (RFQ) MUST BE COMPLETED AND RETURNED WITH ALL YOUR QUOTATION DOCUMENTS.

Company Name :
 Address :
 Contact Person :
 Contact Number :
 Fax Number :
 E-Mail Address :

LINE NO.	DESCRIPTION OR SPECIFICATION OF ITEM (Please be very specific and clear)	REQUIRED QUANTITY	UNIT PRICE EXCL. VAT		TOTAL PRICE	
			R	C	R	C
1.	Upgrade of bulk fuel storage and bowser facilities at Cedara Farm Services					
2.	Please see attached detailed specification and requirements of work to be done					
3.	Site briefing is mandatory (to be arranged by SCM)					
* LABOUR (IF APPLICABLE)						
*DELIVERY (IF APPLICABLE)						
TOTAL						
*ONLY APPLICABLE TO VAT REGISTERED SUPPLIERS 15% VAT						
TOTAL PRICE						

*VAT Registration No. (Supplier)

When Required (Requester) : 31 March 2021

Where Required (Requester): Cedara Farm Services

Contact details of requester: Y. Ogilvie

TEL : 033 3438252

COMPANY STAMP



PRICES ARE VALID FOR 30 60 90 DAYS

Mark one Box (X)

SIGNATURE
 DATE



**QUOTE DOCUMENT FOR THE APPOINTMENT OF A SERVICE
PROVIDER FOR THE UPGRADE OF THE FUEL STORAGE AND
BOWSER FACILITIES AT CEDARA FARM SERVICES**

NOVEMBER 2021

TABLE OF CONTENTS			
No.	Section	Pages	Read/ Complete
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6-1	ANNEXURE A1: Additional Information - Experience (Construction)	13	Read
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APPOINTMENT OF A SERVICE PROVIDER FOR THE UPGRADE OF THE FUEL STORAGE AND BOWSER FACILITIES AT CEDARA FARM SERVICES

A | SCOPE OF WORKS

1. SCOPE OF WORKS:

- 1.1. Construction of a secondary containment diesel bund, with concrete and gravel approaches;
- 1.2. Refurbishment of petrol and diesel storage and delivery systems:
 - 1.2.1. Supply of three mechanical fuel dispensers
 - 1.2.2. Installation and commissioning of three mechanical fuel dispensers
 - 1.2.3. Pump calibration
 - 1.2.4. Supply & installation of a generator set
 - 1.2.5. Removal & remediation of old fuel from tanks and return of cleaned fuel to cleaned tanks
 - 1.2.6. Cleaning of three bulk tanks
 - 1.2.7. Disposal of waste/contaminants
 - 1.2.8. Tank modifications:
 - 1.2.8.1. Supply and installation of a purpose made inspection platform with ladder
 - 1.2.8.2. Painting of the tank
 - 1.2.9. Supply & installation of dipsticks
 - 1.2.10. Supply & installation of fire extinguishers plus cabinets.

2. SITE LOCATION

- 2.1. Cedara Farm Services is situated in the Umngeni Local Municipality in the Umgungundlovu District Municipality, 13km NW of the Pietermaritzburg CBD along the N3.
- 2.2. Site Coordinates: 29°32'24.14"S 30°16'3.67"E.

B | SPECIAL TERMS & CONDITIONS

APPOINTMENT OF A SERVICE PROVIDER FOR THE UPGRADE OF THE FUEL STORAGE AND BOWSER FACILITIES AT CEDARA FARM SERVICES

1. COMPETENCY OF THE SERVICE PROVIDER

- 1.1. Unless the service provider proven ample experience in the field of "fuel pump and tank installations" **the-sub contracting of the actual refurbishment work to the petrol and diesel storage and delivery systems to a specialist in this field is compulsory.** Please indicate in Annexure A which sub-contractor, if used will be used in that case. Also provide details of experience of yourself (if you have the necessary experience), or the subcontracted specialist.

2. COMPULSORY SITE BRIEFING

- 2.1 A compulsory site-briefing meeting will be held. Attendance at the meeting will be compulsory and non-attendance shall invalidate any quote. The date and time of the meeting will be communicated when the prospective service provider is invited to quote.

3. DETAILS OF PREVIOUSLY AWARDED CONTRACTS (ANNEXURE A)

3.1. Construction contracts (A1)

Quoter to furnish the following details of verifiable past and current construction contracts.

- 3.1.1. Date of commencement of contract/s;
- 3.1.2. Value per contract; and
- 3.1.3. Contract details; that is, with whom held, phone number and Address/s of the companies.

3.2. Fuel pump maintenance and storage systems contracts (Annexure A2)

Quoter to furnish own contracts or the ones of the subcontracted specialist. *This section has to be completed to prove competence in this field.*

4. INVOICES

- 4.1. All invoices submitted by the Contractor must be Tax Invoices indicating the progress made in the executed work, the amount of tax charged and the total invoice amount.
- 4.2. A tax invoice shall be in the currency of the Republic of South Africa and shall contain the following particulars:
 - 4.2.1. A letterhead (stamp or logo/ printed name) with the name, address and registration number of the supplier;
 - 4.2.2. The name and address of the recipient;
 - 4.2.3. An individual serialized number and the date upon which the tax invoice is issued;
 - 4.2.4. A description of the executed works as per the Payment certificate;
 - 4.2.5. Banking details;
 - 4.2.6. The amount of tax charged.

5. LATE QUOTES

- 5.1. When invited to quote, the quoter will be given a closing date and hour for the quote. Quotes arriving after that hour shall not be considered.

6. PROGRESS PAYMENTS

- 6.1. Payment shall only be made for claims that are commensurate with the works actually executed and complete.

- 6.2. **Payment will only be made against the construction progress as pertaining to built /installed items.** Movable items and materials on site are generally **excluded** from progress payments until they have been fully installed or fitted or built up.
- 6.3. If any item or part of an item in an invoice is disputed by the Engineer, the Engineer shall give notice of such with reasons.
- 6.4. The Engineer may elect to use a payment schedule that apportions a weighting for the various work phases, in those cases where the actual pricing schedule is not available or lacks balance.
- 6.5. The contractor shall be paid in up to a minimum of seven part payments. The Contractor is strongly advised to request at least five payments when being notified of him/her being awarded the contract.
- 6.6. Part payments will be made after the Engineer has approved the work and will be made in accordance with the Retention clause (22).
- 6.7. The penultimate payment occurs after practical works completion. The final payment will be made after the 6 months liability period when the contractor has dealt with all defects, if any.

7. TAX COMPLIANCE PIN

- 7.1 The quoter must submit a valid Tax Compliance Pin with the quote. Quoters should note that their tax compliance status shall be verified through the Central Supplier Database and SARS.
- 7.2 Where a Tax Compliance Pin is not submitted with the quote, the Department shall use the Central Supplier Database to verify the tax matters of the quoter.

8. SERVICE LEVEL AGREEMENT

- 8.1. The Department may compile and present for signature to the successful contractor a Service Level Agreement (SLA) prior to commencement of works. If this is the case, a proposed schedule of works must be provided by the contractor for the approval of the Engineer within two weeks of receiving notification of a successful quote.
- 8.2. The *Special Terms and Conditions (STC)*, the *Standard Technical Specifications (STS)* as listed in this quote document, together with the *Drawings*, are deemed to form part of the SLA.

9. COMMENCEMENT OF THE WORK

- 9.1. Site establishment must start within two (2) weeks, and the actual works within three weeks after hand-over of the site, provided that;
 - 9.1.1. An official order has been issued;
 - 9.1.2. The contractor is in possession of all relevant documentation required for works execution;
 - 9.1.3. No exceptional circumstances such as inclement weather or other outside the control of either party to the contract prevail.
- 9.2. In case work has not commenced within two (2) weeks of the site hand-over and no attenuating circumstances for the delay can be provided, the Department reserves itself the right to cancel the contract.

10. MATERIALS: DELIVERY, ON & OFF-LOADING, STORAGE & RESPONSIBILITY

- 10.1. The Contractor shall be responsible for the safe delivery, loading, off-loading, handling and storage of any equipment and materials on site.
- 10.2. All equipment, materials and plant stored on site must be suitably protected against damage or loss by theft or otherwise.

- 10.3. The Contractor shall remain fully responsible for all material and plant etc. until the completed works are handed over and have been officially accepted by the Department.

11. UNDERGROUND CABLES AND PIPES

- 11.1. If such services are discovered, immediate notification must be made to the Employer and all work in the vicinity of such cables, pipes, etc., shall cease until safe to proceed.
- 11.2. Should the Contractor damage underground cable or pipes, such damage shall be repaired as soon and safely as possible by the Contractor.
- 11.3. The cost of making good such damage will be met by the Contractor as this must be covered by the Contractors works insurance.

12. DAILY RAINFALL RECORDS

- 12.1. Submission of rainfall figures is required for the granting of permission of extending the contract period on the basis of inclement weather. If none are kept, the Engineer is under no obligation to grant extension of the completion period for inclement weather.

13. INSPECTION OF WORK

- 13.1. The Departmental representative may at all reasonable times have access to the site where work is being executed for inspection purposes.
- 13.2. The Engineer may request that evidence of the quality or strength of any materials be supplied by the contractor wherever necessary.

14. NOTICE OF COVERING WORK

- 14.1. The Contractor shall give due notice to the engineer whenever any work or materials are intended to be covered in with earth or otherwise in order that their correct dimensions and quality may be ascertained before being covered.
- 14.2. If any such work or materials are covered without such notice having been given, the work or materials shall be uncovered at the Contractor's expense on instructions given by the Engineer.

15. SUB-CONTRACTED WORK

- 15.1. The contractor shall not sub-contract the entire contract. The contractor must indicate in *Annexure A- Additional Information: Experience* which part(s), if any, (s)he intends to subcontract.
- 15.2. **The sub-contracting of the fuel pump and storage system is mandatory if the quoter is not a specialist in the field.**
- 15.3. Sub- contracting shall not relieve the contractor from any liability or obligation under the contract and his/her shall be liable for the acts, defaults and neglects of any sub-contractor, his/her agent or employees as fully as if they were the acts, defaults or neglects of the contractor, his agents or employees.

16. INSURANCE

- 16.1. All accepted approved contractors would be required to provide the following insurance's for the project awarded to them:
- 16.1.1. Insurance against damage, destruction or loss to 50% of the value of the contract.
- 16.1.2. Public Liability insurance.
- 16.1.3. All risks (works) policy and Political.

17. OCCUPATIONAL HEALTH AND SAFETY

17.1. Bidders (including those sub-contractors and/or suppliers who are preparing prices/quotations for submission to the main bidder) must ensure that they make adequate financial provision in their bids for full compliance with the *Occupational Health and Safety Act (85/1993): Construction Regulations, 2014*, as published in the *Government Gazette* of 7 February 2014, or later amendments thereto. Financial provision shall therefore be made by each Bidder for, inter alia, the following:

- Carrying out and documenting risk assessments of all work to be carried out under the contract.
- Preparation of safe work procedures.
- Preparation of a H&S plan, discussing it with the Department, and then amending it as agreed.
- Preparation of a Project H&S File to include all requirements of Annexure A.
- Regular updating of all of the foregoing.
- Provision of medical certificates of employees.
- Provision of PPE and protective clothing for employees
- Complying with all H&S requirements for the duration of the contract.
- Provision of forced ventilation (as required when working in confined spaces).
- The completion and checking of the safety file upon completion of the works and handing it over to the Department.

17.2 To enable the Department to appraise the allowances that Bidders have made for H&S in their bids, so that he/she can fulfil his/her obligations in terms of Clause 7 of the Construction Regulations, separate items have been included in the Bill of Quantities for Health and Safety. The totals to be submitted for the relevant sections of the Pricing Schedule (A4.1 and A4.2, will be determined as per the line item quotes of ANNEXURE C, the CONTRACTOR'S HEALTH AND SAFETY DECLARATION, the completion of which is mandatory.

17.3 To enable the Department to appraise the allowances that bidders have made for H&S in their bids, so that he/she can fulfil his/her obligations in terms of Clause 7 of the Construction Regulations, separate items have been included in the Bill of Quantities for Health and Safety.

17.4 Failure to submit realistic prices for the scheduled H&S items is likely to prejudice the bid.

17.5 The Principal Contractor and Sub-Contractors must submit proof of compliance with the OHS requirements table below with the construction phase H&S plan where applicable.

Table 1 – OHS Requirements and submission dates

PAM Item No.	Requirement	OHS Requirement	Submission Date
2.1	Notification of Intention to Commence Construction / Building Work	Complete Schedule 1 (Construction Regulations)	Before commencement on site
2.2	Assignment of Responsible Person to Supervise Construction Work	All relevant appointments, as per OHS Act and Construction Regulations.	Before commencement on site
2.3	Competence of Responsible Persons	Department Requirement & OHS Act	Together with H&S plan
2.4	Compensation of Occupational Injuries and Diseases Act (COIDA) 130 of 1993	COIDA Requirement	Together with H&S plan
2.5	Health and Safety Organogram	Department Requirement	Together with H&S plan
2.6	Initial Hazard Identification and Risk Assessment based on the Department's assessment	Construction Regulations.	Together with H&S plan

2.7	Medical Certificate of Employees	Construction Regulations	On commencement of construction.
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17.6 The successful bidder shall be required to submit the Contractor's Health and Safety Plan as required in terms of Regulation 7 of the Occupational Health and Safety Act 1993 Construction Regulations.

18. FIXED PRICE CONTRACT

18.1. The contract shall **not** be subject to contract price adjustment.

19. PRICING - COMPLETENESS OF QUOTE

19.1. Quoters are required to Quote for all services, products and commissioning as specified in this document and associated plans. This includes those optional items that will be pointed out as required at the quote briefing (e.g. VIP toilet(s), fencing and other). If he/she does not quote on all items, his/her quote will be rejected.

19.2. All quote/quoted prices for *separate* items are to be in South African currency and must **exclude** VAT.

19.3. All items as described in the project specification are to be priced in full.

19.4. Transport/Delivery costs must be included in the pricing if the Pricing Schedule does not list them separately.

19.5. VAT must be filled in as the sub total followed by the complete price for the entire project.

19.6. The Quote price page must be signed by a person legally authorized to do so.

20. PROGRESS PAYMENTS

20.1. Payment shall only be made for claims that are commensurate with the works actually executed and complete.

20.2. **Payment will only be made against the construction progress as pertaining to built /installed items.** Movable items and materials on site are generally **excluded** from progress payments until they have been fully installed or fitted or built up.

20.3. If any item or part of an item in an invoice is disputed by the Engineer, the Engineer shall give notice of such with reasons.

20.4. The Engineer may elect to use a payment schedule that apportions a weighting for the various work phases, in those cases where the actual pricing schedule is not available or lacks balance.

20.5. The contractor shall be paid in up to a minimum of seven part payments. The Contractor is strongly advised to request at least five payments when being notified of him/her being awarded the contract.

20.6. Part payments will be made after the Engineer has approved the work and will be made in accordance with the Retention clause (57).

20.7. The penultimate payment occurs after practical works completion. The final payment will be made after the 12 months liability period when the contractor has dealt with all defects, if any.

21. COMPLETION OF THE WORKS

21.1. Work completion will be established over three stages, in line with the JBCC.

21.1.1. Practical completion

This is defined as the stage when the works are found to be substantially complete and can be used for the purposes intended. This assessment will be solely made by the Engineer. When the Contractor thinks he has completed the works, an inspection will be made by the Engineer who

will draw up a list of patent defects, commonly known as a "snag list", if any. *Patent defects* are defects that are visible or discoverable upon an ordinary and proper inspection.

21.1.2. Works completion

This stage will be reached after the Contractor has, to the sole assessment of the Engineer, fixed all defects listed on the snag list. It is at works completion that the Contractor will be paid out 50% of his/her retention money.

21.1.3. Final completion

Final Completion occurs 12 months after Works completion, after expiry of the liability period.

22. RETENTION

22.1. A 10% retention will be withheld on payment for duration of the construction.

22.2. The Department will pay out half of this retention, or 5% of the quote value as part of the second last payment at **practical completion** of the works. The remainder, viz 5%, will be paid out at **final completion** after expiry of the defect liability period 12 months after practical completion), the quoter having eliminated all defects.

22.3. In some instances, the Engineer may decide to shorten this period order to allow all payments to be completed within the financial year. However, this is **not** a given and the Contractor will be notified during the course of the construction if such would be the case.

23. DEFECT LIABILITY PERIOD

23.1. The defect liability period is 6 calendar months calculated from the date of Practical Completion.

23.2. The contractor shall unconditionally guarantee all materials, workmanship related to the works for that period. The guarantee shall cover any defects due to inferior materials and/or workmanship of the Contractor, or any of his sub-contractors, fair wear and tear excepted. The Contractor shall repair, remedy or replace any such defects, part or complete works without delay and at his own cost.

24. CONTINGENCIES

24.1. An amount of 10% of the subtotal for all materials, equipment and services has been set aside for Contingencies. This allowance will only be accessed for unforeseen additional expenditure not covered in the contract. Such approval must be in line with SCM Delegations. **Payment of the Contingencies allocation is not a given, and will strictly be limited to only those works that have been approved by the Engineer and satisfactorily implemented by the contractor.**

25. PERIOD OF COMPLETION & RATE OF PROGRESS

25.1. The project has to reach practical completion **within 3 months** of award of the contract (90 calendar days).

25.2. If the Works are delayed by any cause beyond the Contractor's control, the Contractor shall have the right within twenty-one days of any such cause of delay arising, to apply in writing to the Department to extend the date of completion, stating the cause of delay and period of extension applied for.

25.3. The Department upon receipt of such written application may by order in writing extend such date of completion by a period to be determined, or may refuse to extend such date of completion, or may postpone giving a decision upon such application until completion of the Contract period set out in sub-clause (a) of this clause.

25.4. The date of completion will be extended only to the extent approved by the Department.

25.5. Should the Contractor fail to apply in writing for an extension within the time set out above, or should the Department refuse to grant any extension in writing, then the Contract period provided shall not be exceeded.

- 25.6. When the Works are completed the Department will give a completion certificate and the date of such certificate shall be the date of commencement of the guarantee period.

26. PENALTY CLAUSE / FINES FOR LATE OR NON-COMPLETION

- 26.1. If the contractor does not complete the work within the time stipulated and no extenuating circumstances can be given for the delay, the Department may impose a fine as detailed below. The total will be subtracted from the retention allowance.
- 26.2. If the contractor fails to complete the works and the Department is forced to employ another contractor to complete the works, the defaulting contractor will be held liable for the costs as far they exceed the original total Quote value.
- 26.3. The department will deduct a penalty for late completion of up to **0.05% of the contract value per working day delay**. This will be deducted from the retention.

This section primarily lists the standard specifications that would apply for any construction project. More detailed, project related specifications can be found in the Pricing Schedule. Where specifications from both sections contradict each other, the ones provided in the Pricing Schedule will take precedence.

1. PRELIMINARIES & GENERAL

The contractor is to note that all insurances (UIF, workmen compensation, works, public liability etc.); site and equipment safety; site establishment and security; services (water and electricity); testing of materials and any specialist services are for the contractor's responsibility and attention throughout the contract duration until handover of the project. This item also includes Occupational Health & Safety Act requirements. The Department reserves the right to stop progress of the works in case of non-compliance until these conditions are complied with.

2. APPLICABLE STANDARDS: SPECIFICATIONS & MATERIALS

- 2.1. For the purpose of this Contract the relevant SANS specifications shall apply- specifically SABS 1200: *Standardized Specification for Civil Engineering Construction* specifications shall apply. The following sections shall in particular apply here:
 - 2.1.1. **SABS 1200 AA - 1986** (General - Small Works),
 - 2.1.1.1. Materials: SABS 1200 AA (3);
 - 2.1.1.2. Testing: SABS 1200 AA (7);
 - 2.1.2. **SABS 1200 DA -1988** (Earthworks - Small Works)
 - 2.1.3. **SABS 1200GA – 1982** (Concrete - Small Works).
 - 2.1.3.1. Materials SABS 1200 GA (3)
 - 2.1.3.2. Mixing, pouring and curing of concrete: SABS 1200 GA (5.4)
 - 2.1.3.3. Testing: SABS 1200 GA (7)
 - 2.1.4. **SANS 50197-1**: Cement: Common cement 32,5N or R to SANS 50197-1

3. APPLICABLE STANDARDS: EARTHWORKS AND SITE PREPARATION

- 3.1. Normal regulations regarding safety, municipal by-laws, contamination of water sources, erosion, siltation etc. will still apply.
 - 3.1.1. **SABS 1200 AA - 1986** (General - Small Works),
 - 3.1.1.1. Site preparations & establishment: SABS 1200 AA (4).
 - 3.1.1.2. Setting out of works: SABS 1200 AA (5.1.1)

4. APPLICABLE STANDARDS: STANDARD (ABRIDGED) PREAMBLE FOR ALL TRADES

- 4.1. All materials to be SANS approved and installed to applicable standards specified by SANS, NBR, or the manufacturer.

5. MATERIALS AND CONSTRUCTION

- 5.1. All materials must be newly purchased and conform to SABS specifications for the products. This includes all items such as bricks, blocks, brick reinforcement, damp proofing, lintels, glazing, plumbing and drainage, curtains, etc... All construction works must conform to the applicable standard specifications and installation requirements as per NBR requirements and manufacturers recommendations. All concrete works to conform to CNCI standards and recommendations.

6. STANDARD CONCRETE MIXES

- 6.1. Cement and aggregates shall be mixed by volume and the contents of a 50kg sack of cement shall be taken to be 0,033m³.

- 6.2. Water addition should be kept to a minimum. Only sufficient water should be used to produce a workable mix of 60-100mm slump. A recommended maximum water : cement ratio is 1 for a 10MPa; 0.8 for a 15MPa; 0.65 for a 20MPa; 0.59 for a 25MPa; 0.53 for a 30MPa mix, however the lower the ratio the better the durability of the concrete. Approximately 210 litres per m³ of concrete is required for an average quality sand and optimum quantity 19mm stone.
- 6.3. Concrete for non-structural purposes shall be "Prescribed mix concrete" produced in accordance with the requirements indicated in Table 2.

TABLE 2: STANDARD CONCRETE MIXES					
Class of Concrete	Min. Compressive Strength in MPA at 28 Days	Max. Nominal Size of Coarse Aggregate in mm	Proportion of Constituents >> 1 Wheelbarrow = 2 bags of cement <<		
			Cement (Parts)	Sand (Parts)	Stone (Parts)
A	10	37,5	1	4	5
B	15	19,0	1	3	4
C ¹	20	19,0	1	2.5	3.5
D ²	25	19,0	1	2	3
E	30	19,0	1	2	2½

7. STANDARD PLASTER & MORTAR MIXES

- 7.1. The standard plaster mixes are as listed in Table 3:

TABLE 3: STANDARD PLASTER MIXES				
PLASTER CLASS:	MIX RATIO: (By Volume)	MASONRY CEMENT: kg	LIME: L	SAND: (loose and damp) L (max)
Rich mix (fdns, wet areas)	1 : 4	50	0-10	130
General purpose	1 : 5	50	0-40	165

- 7.2. The standard mortar mixes are as listed in Table 4:

TABLE 4: STANDARD MORTAR MIXES				
MORTAR CLASS	MIX RATIO: (By Volume)	MASONRY CEMENT: kg	LIME: L	SAND: (loose and damp) L (max)
I	1 : 4	50	0-10	130
II	1 : 6	50	0-40	200
This project	1 : 5	50	0-25	165

8. FINISHES TO IN-SITU CONCRETE

8.1. Class U1 Ordinary Finish

Immediately after placing, the concrete shall be finished rough by screeding with the edge of a wooden board of straight and true line and working between guides set accurately to level. No mortar shall be added and noticeable surface irregularities caused by the displacement of coarse aggregate shall be made good by re-screeding after removing or tamping down the offending aggregate.

8.3. Class U2 Wood Float Finish

The concrete surface shall first be brought to the standard Class U1 ordinary finish and then floated with a wood float. Floating shall be started as soon as the screed finish is stiffened sufficiently and bleed water has evaporated or been removed and it shall be the minimum necessary to produce a surface free from screed marks and uniform in texture.

8.4. Class U3 Coarse Brush Surface Finish

The concrete surface shall first be brought to a Class U1 ordinary finish. A coarse brush finish is then applied with a coarse bristle brush. "Brushing" shall be started soon after screeding to produce a uniform patterned coarse surface finish with a rough surface texture in the direction of the desired drainage direction.

8.5. Class U4 Steel Float Finish

The concrete surface shall first be brought to the standard Class U1 ordinary finish and then floated with a steel power float. Floating shall be started as soon as the screeded finish is stiffened sufficiently and bleed water has evaporated or been removed and it shall be the minimum necessary to produce a surface free from screed marks and uniform in texture.

9. EARTHWORKS AND SITE PREPARATIONS

- 9.1. Normal regulations regarding safety, municipal by-laws, contamination of water sources, erosion, siltation etc. will still apply.
 - Site preparations & establishment: SABS 1200 AA (4)
 - Setting out of works: SABS 1200 AA (5.1.1)
 - Permissible deviations: SABS 1200 GA (6.4) Degree of accuracy II for all bases.
 - Restricted Excavations: SABS 1200 AA (5); SABS 1200 DA (5.1; 5.2.2).
- 9.2. The site must be cleared and stripped of all plant materials, roots and topsoil prior to site leveling.
- 9.3. The cleared and stripped material is to be stockpiled away from the construction site and is to be leveled/replaced once all construction is complete.
- 9.4. The site is to be leveled prior to any construction. This includes excavation of in situ material to provide a level platform and well compacted sub base for the structure.
- 9.5. Material excavated and suitable for backfilling will be placed in even, thin layers and compacted with thickness applicable to the compaction method/machinery used but not exceeding 150mm.
- 9.6. Compaction of the site shall take place at optimum moisture content (OMC) to a maximum dry density of at least 95% of Mod. AASHTO. The Contractor shall arrange independent compaction testing, before any building is taking place. At least 3 evenly distributed places per site shall be tested, once off, after completion of the platform and again after sufficient compaction (**test results are to be provided**). The platform is to be **inspected** prior to the pouring of any concrete.
- 9.7. Compaction of the foundation trenches and under floor fill is to meet or exceed that of the platform compaction as tested with a penetrometer (contractor to supply). The trenches are to be **inspected** prior to the pouring of any concrete.

10. STRIP FOUNDATIONS

- 10.1. All foundations to be on suitable well compacted material (to extend through any fill material where applicable and well compacted). The foundation trenches are to be inspected prior to the pouring of any concrete.
- 10.2. Strip foundation to be 15 MPa/19mm, dimensions 600 x 200mm.

LIST OF ANNEXURES

ANNEXURE	DESCRIPTION	PAGE
A1	ADDITIONAL INFORMATION – EXPERIENCE (CONSTRUCTION)	14
A2	ADDITIONAL INFORMATION – EXPERIENCE (PUMPS)	15
B	PRICING SCHEDULE	16 - 29
C	CONTRACTOR'S HEALTH AND SAFETY DECLARATION	30 - 31
D	DRAWINGS	32 - 37

Please indicate your own **construction** experience and expertise, by completing the table below.

CONSTRUCTION EXPERIENCE					
No.	Name of project + Period	Project description	Role (self or sub-contracted)	Project value	Name and contact number of referee
1					
2					
3					
4					
5					

Please indicate your own experience and expertise, or that of your pump storage systems specialist, by completing the tables below.

Name of specialist subcontractor	
Town/city	
Contact details	

EXPERIENCE BY SELF OR SPECIALIST					
No.	Name of project + Period	Project description	Role (self or sub-contracted)	Project value	Name and contact number of referee
1					
2					
3					

ANNEXURE B

PRICING SCHEDULE FOR THE UPGRADE OF THE FUEL STORAGE AND BOWSER FACILITIES AT CEDARA FARM SERVICES - NOVEMBER 2021

PLEASE NOTE

- 1. All quantities provided in the pricing schedule are approximations provided as a first estimate to assist the bidder with his/her pricing. However, the onus is on the contractor to verify the figures before commencement of the works. No claims in terms of variation orders can be made on account of the quantities and volumes unless the figures would deviate substantially (more than 25%) from the ones provided.*
- 2. Contractor to submit names of specialist subcontractors if he/she is not a registered installer of fuel dispensers in the relevant sections of the Pricing Schedule. Non-completion of these sections may lead to disqualification of the bid.*

**PRICING SCHEDULE FOR THE UPGRADE OF THE FUEL STORAGE
AND BOWSER FACILITIES AT CEDARA FARM SERVICES- Page 1**

Nov-2021

ITEM #	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A	PRELIMINARY & GENERAL				
> Please note: Contractor to only cost those P&G items that he/she intends to use for this project. Items listed that will not be required or used by the contractor, will <u>not</u> be paid for.					
1	FIXED-CHARGE ITEMS				
1.1	Contractual Requirements	Sum	=====	=====	R
1.2	Establish Facilities on the Site :				
	a) Facilities for Contractor				
1.2.1	Offices and storage sheds	Sum	=====	=====	R
1.2.2	Ablution and latrine facilities	Sum	=====	=====	R
1.2.3	Water supplies, electric power & communications	Sum	=====	=====	R
1.2.4	Other fixed-charge obligations	Sum	=====	=====	R
1.2.5	Remove Site establishment on completion	Sum	=====	=====	R
2	TIME-RELATED ITEMS				
2.1	Contractual Requirements	Sum	=====	=====	R
	Operate and maintain facilities on the Site:				
	Facilities for Contractor for duration of construction, except where otherwise stated				
2.2	Offices and storage sheds	Sum	=====	=====	R
2.3	Ablution and latrine facilities	Sum	=====	=====	R
2.4	Plant, Tools and equipment	Sum	=====	=====	R
2.5	Water supplies, electric power & communications	Sum	=====	=====	R
2.6	Company and head office overhead costs	Sum	=====	=====	R
2.7	Other time-related obligations	Sum	=====	=====	R
3	OCCUPATIONAL HEALTH & SAFETY ACT				
3.1	All costs and obligations to comply with the OHS Act Construction Regulations	Sum	=====	=====	R
SUBTOTAL FOR PAGE 1 – Transfer to Summary page 13 >>					R

PRICING SCHEDULE FOR THE UPGRADE OF THE FUEL STORAGE AND BOWSER FACILITIES AT CEDARA FARM SERVICES- Page 2

Nov-2021

Code	Description	Unit	Qty	Rate	Amount
B	CONSTRUCTION OF A SECONDARY CONTAINMENT DIESEL BUND				
	<i>Where construction specifications are not covered by the SoW or technical specifications of this BoQ, the SANS 10310 Regulations Pertaining to Bulk to Farmer (BTF) and Bulk to Agriculture (BTA) Storage of Class II & III Fuels and Oils will apply.</i>				
1	Site preparations				
1.1	Removal of existing 9000 L BTA above ground diesel tank and bowser	Sum	1		
1.2	Removal of the two bowzers for diesel and unleaded petrol for the underground tanks	Sum	1		
1.3	Demolition of existing concrete footings for tank and bowzers. (Total volume app.1.2m ³) and spill rubble to dump @ 2km from site.	Sum	1		
1.4	Clearing, levelling and preparing the corner area (120m ²) including the bund footprint as per the Site Plan, Drawing DIE/RDN/2021/025	Sum	1		
2	Bund wall foundations				
2.1	<i>Digging of strip foundation for bund wall</i> Foundation trench depth: 500mm. Trench width: 600mm. Total length: 26m. Approximate trench volume:8 m ³	Sum	1		
2.2	<i>Cast concrete strip & step & valve box foundations 20 Mpa/19mm</i> Volume of concrete required: 3.3m ³ Materials for strip foundation + valve box + steps Cement :19 bags Umgeni sand : 1,7 m ³ 19mm stone : 2.3 m ³	Sum	1		
3	Bund wall & steps & valve box				
3.1	<i>Brick up bund wall with NFP red clay bricks 10 courses high (0.85m)</i> <ul style="list-style-type: none"> 22.1m² o full brick (230mm) wall App. no. of bricks: 2500 (incl. Breakage/cutting. Mortar: Mix: 1: 4 Cement: 12 bags Building sand: 16m³ Steps on 20 MPa/19mm concrete slab 100 x 850 x 100mm. Concrete core in centre of steps. See drawing. 	Sum	1		
SUB-TOTAL PAGE 2 > TRANSFER TO SUMMARY PAGE 13			R		

**PRICING SCHEDULE FOR THE UPGRADE OF THE FUEL STORAGE AND
BOWSER FACILITIES AT CEDARA FARM SERVICES - Page 3**

Nov-2021

Code	Description	Unit	Qty	Rate	Amount
3	Bund wall & steps & valve box (CTD)				
3.2	<i>Steps & valve box</i>				
	<i>Steps</i> are 1.04m x 400mm on 1.30m x 1.30mm x 100mm 20MPa/19mm foundation (outside) and same dimensions inside of bund but placed directly on concrete slab without foundation. <i>Valve box:</i> 0.56 x 0.66m. Bricks on 1.00 x 0.70m x 100mm concrete slab.	Sum	1		
3.3	<i>Plaster inside, top and outside of wall above AND up to 100mm underground.</i>				
	Use 1: 3.5 mix Plaster: Cement: 6 bags Plaster sand: 0.7m ³ Total area: 50m ² Wall top to be bevelled 15 x 15mm on both sides.	Sum	1		
3.4	<i>Painting of bund walls (inside and top only): Epoxy</i>				
	1) Prepare surface area (17m ²) as per manufacturer's specs. 2) Apply epoxy primer to inside & top of wall (1x). Required: 5L of epoxy primer 3) Apply epoxy top coats (2x) as per manufacturer's guidelines. Colour: light grey. Required: 15L Poor workmanship to be corrected during liability period	Sum	1		
3.5	<i>Painting of bund wall (outside of bundwall only)</i>				
	Plaster Prime and paint outside of bund wall (11m ²) Primer: 5L. PVA coats (2*11=22m ²): 10L	Sum	1		
4	CONCRETE FOOTINGS				
4.1	Compact footing base to 98% ModAashtoo	Sum	1		
4.2	Formwork (22mm shutter ply 2.50m x 700mm x 300mm). Total 4m ² . Include installation	Sum	1		
4.3	Place 25 Mpa/19mm concrete with Class U2 (wood float) finish. Footing top to be bevelled 25 x 25mm	Sum	1		
4.4	Concrete strength testing for 7- & 28-days strength. One set of 4 samples (2 for 7 days and 2 for 28 days). Compensation of invoiced amount, + mark-up See 4.5	Prov. Sum	===	=====	R3 000,00
4.5	b) Overheads, charges and profit on item 4.4. Percentage tendered >>: %	Prov. Sum	===	=====	R
5	SLAB BASE				
5.1	<i>Preparation of slab foundation</i>				
	1) Import and compact 200mm G6 (compacted volume: 7.6m ³ , loose volume 10.5m ³) to 98% ModAashto as a sub-base. See Drawings DIE/RDN/2021/027 & /028	Sum	1		
5.2	2) Supply, Place and compact 50mm (1.8m ³) of river sand on top of compacted soil as slab base.	Sum	1		
SUB-TOTAL PAGE 3 > TRANSFER TO SUMMARY PAGE 13				R	

**PRICING SCHEDULE FOR THE UPGRADE OF THE FUEL STORAGE AND
BOWSER FACILITIES AT CEDARA FARM SERVICES - Page 4**

Nov-2021

Code	Description	Unit	Qty	Rate	Amount
6	MASS CONCRETE				
6.1	Place 125mm thick 30 Mpa/19mm (Mix 1:2:2.5) concrete slab with Ref 395. Total concrete volume: 4.2m ³ (cured). Finished slab top level will be 350mm below wall top in southeast corner and 500mm at the sump (see Drawing DIE/RDN/2021/026 > Cement: 31 Bags > Umgeni sand: 2.2m ³ > 19mm stone:2.7m ³ Ref 395 (4 sheets) at 40mm above slab base. Use spacers. Place void formers at wall toe (where slab and wall meet) and around bowser platform kerbs.	Sum	1		
6.2	JOINTS				
6.2.1	Floor-wall extension joints				
6.2.1.1	Placement of 100 x 6mm soft board between bund wall and floor slab and bowser island curb and floorslab (27m in total) and filling joint top 20mm with polyurethane and seal with elastomeric sealant like Fosroc Colpor 200, Sikaflex Tank N, ABE flexothane HS, or other similar hydrocarbon resistant, pavement joint sealant with (polyurethane backing.	Sum	1		
6.2.2	Saw cutting of extension joints				
6.2.2.1	1) Cutting extension joints 5 mm wide at 2.43 x 2.42m. 2) filling joint top 20mm with polyurethane and seal with elastomeric sealant like Fosroc Colpor 200, Sikaflex Tank N, ABE flexothane HS, or other similar hydrocarbon resistant, pavement joint sealant with (polyurethane backing.	Sum	1		
6.3	Concrete strength testing for 7 & 28 days strength. One set of 4 samples (2 for 7 days and 2 for 28 days. Compensation of invoiced amount, +mark up. See 6.3	Prov. Sum	===	=====	R 3 000,00
6.4	b) Overheads, charges and profit on item 6.2. Percentage tendered >>: %	Prov. Sum	===	=====	R
7	PAINTING & BAGWASH				
7.1	Painting of floor slab: Epoxy primer	Sum	1		
7.1.1	Plaster primer for concrete floor: 35m ² @ 6m ² /L = 6L. Required: 2 x 5L of plaster primer. Prepare surface as per manufacturer's specifications (1 coat) @ 35 m ² @ 5m ² /L = 7L. Required 2 tins of 5L/1.				
SUB-TOTAL PAGE 4 > TRANSFER TO SUMMARY PAGE 13				R	

**PRICING SCHEDULE FOR THE UPGRADE OF THE FUEL STORAGE AND
BOWSER FACILITIES AT CEDARA FARM SERVICES - Page 5**

Nov-2021

Code	Description	Unit	Qty	Rate	Amount
7	PAINTING & BAGWASH (Continued)				
7.2	<i>Painting of bund walls: Epoxy coating</i>				
7.2.1	Apply epoxy top coats (2x) as per manufacturer's guidelines. Colour: light grey. Required: 15L Makes: Dulux, ABE, Sika or Plascon). Poor workmanship to be corrected during liability period	Sum	1		
8	SUMP & DRAIN				
	<i>Sump</i>				
8.1	> Build 460 x 430 x 125mm sump in lowest corner of bund as per drawing DIE/RDN/2021/027. > Install 50mm steel galvanised pipe at bottom of sump exiting through the wall. Close off with 50mm gate valve.	Sum	1		
	<i>Sump exit pipe</i>				
8.2	Connect 1-5m long (length depends on terrain slope) 50mm PVC class 12 pipe to steel valve, which exits on concrete slab.	Sum	1		
9	FUEL FILLING AREA				
9.1	<i>Gravel pit foundation</i> Area directly bordering on the bund on North and East side) to be covered with a 75mm course of stone (50/50 mix of 19mm/13mm)	Sum	1		
9.1.1	> Removal of topsoil on North, East, and West sides of bund to 100mm depth, as per the grey area of drawing DIE/RDN/2021/025 (57m ²)				
9.1.2	<i>Plastic lining of the gravel pit. Total area: 65m².</i> Lining of the gravel area foundation with polyester reinforced UV resistant HDPE membrane (0.5mm thick). Overlaps between lanes to be 100mm. NO WELDING of the lanes is required. Rolls to be 2.00-3.00m wide.	Sum	1		
9.1.3	<i>Supply, delivery & placement of 2.4 m³ of 19mm aggregate and 2.4m³ of 13mm aggregate.</i> Mix both sizes of aggregate uniformly and in equal measure. After placement the gravel is to be mechanically compacted slightly (dry) with a plate compactor. Final level 50mm below curbs.	Sum	1		
SUB-TOTAL PAGE 5 > TRANSFER TO SUMMARY PAGE 13				R	

**PRICING SCHEDULE FOR THE UPGRADE OF THE FUEL STORAGE AND
BOWSER FACILITIES AT CEDARA FARM SERVICES - Page 6**

Nov-2021

Code	Description	Unit	Qty	Rate	Amount
9	FUEL FILLING AREA (CTD)				
9.2	<u>Concrete pavement</u> Installation of a slab of 30 Mpa/19mm concrete south of the bund. Area size: 35m ² . Joints as indicated on Site Plan (Drawing 025)				
9.2.1	Removal of 125mm of topsoil	Sum	1		
9.2.2	Compaction of base to 95% Mod AASHTO	Sum	1		
9.2.3	Installation of 250-micron USB plastic	Sum	1		
9.2.4	Mass concrete (35m ²) : 30 Mpa/19mm concrete with Ref 500 mesh (3 sheets). Slab thickness: 125mm. Total volume: 5.3m ³ . Finish: Class U3 (Coarse brush). Surface to be level with the existing concrete road surface, sloping upwards 1%, allowing water to drain away from the bund.	Sum	1		
9.3	<u>Containment ridge (blocks)</u> Installation of a 1 course high M150 wall to contain the gravel				
9.3.1	Location: see Site plan, drawing DIE/RDN/2021/025. Single course of M150 blocks on a 500 x 100mm 15MPa/19mm strip foundation. Total length: 10m. No. of blocks: 25. Volume of concrete: 0.5m ³	Sum	1		
SUB-TOTAL PAGE 6 > TRANSFER TO SUMMARY PAGE 13 >>				R	

**PRICING SCHEDULE FOR THE UPGRADE OF THE FUEL STORAGE AND
BOWSER FACILITIES AT CEDARA FARM SERVICES- Page 7**

Nov-2021

Code	Description	Unit	Qty	Rate	Amount
C	UPGRADE PETROL AND DIESEL BULK STORAGE AND DELIVERY SYSTEMS				
>>> All work to be done by an industry registered specialist sub-contractor <<<					
Name of Sub-contractor/installer: Contact number:					

1

SUPPLY OF THREE FUEL BOWSERS WITH BUILT-IN ELECTRIC MOTORS AND MECHANICAL ANALOG COUNTERS

e.g. Prowalco Tatsuno Commercial Range, 616.

High local content In bowzers is required.

Warrantee must be for at least two years.

Required:

1x Bowser for unleaded petrol (9 000L, below ground)

2x Bowzers for diesel (2x 9 000L, one below ground)

Technical Specifications:

Suction unit

- To "pump" approximately 70L/min
- Must have an inbuilt electric motor
- 220V to 230V, 50Hz
- Mechanical crank system as backup
- External On-Off switch
- A time switch to be fitted to control utilization of all pumps simultaneously.

Meter

- Must show dispensed and totalised volumes
- Mechanical analog counter
- Accurate to 100ml of displayed dispensed amount.

Hoses

- UV resistant, purpose made for fuel, re-enforced
- At least $\frac{3}{4}$ - 1 inch (20-25mm, ID)
- Dispensing hoses to be 7m long as to easily fill tractors/ graders/ farming equipment.
- Two hoses suitable for diesel and one hose for unleaded petrol.

Sum total for this section (1 Sum only) to be filled in on page 8 >>>

PRICING SCHEDULE FOR THE UPGRADE OF THE FUEL STORAGE AND BOWSER FACILITIES AT CEDARA FARM SERVICES - Page 8

Nov-2021

Code	Description	Unit	Qty	Rate	Amount
------	-------------	------	-----	------	--------

	<p>SUPPLY OF THREE FUEL BOWSERS WITH BUILT-IN ELECTRIC MOTORS AND MECHANICAL ANALOG COUNTERS (ctd)</p> <p><u>Nozzles</u></p> <ul style="list-style-type: none"> • Handheld fuel nozzles (with bowser edge holder spring/boot) and trigger suitable for gravity dispensing with auto-off fitted. • Two nozzles for diesel and one nozzle for unleaded petrol. • Nozzle breakaways not required. <p><u>Filters</u></p> <ul style="list-style-type: none"> • Fitted with 200 Mesh in-line fuel filters. <p><u>Locks</u></p> <ul style="list-style-type: none"> • Lockable nozzle with high quality locks and spare keys (discus-type locks). <p>>> Submit Fuel bowser make & model:</p> <p>.....</p> <p>>> Attach detailed brochure of the above.</p>	Sum	1		
	SUB-TOTAL PAGE 7 + 8 > TRANSFER TO SUMMARY PAGE 13			R	

PRICING SCHEDULE FOR THE UPGRADE OF THE FUEL STORAGE AND BOWSER FACILITIES AT CEDARA FARM SERVICES - Page 9

Nov-2021

Code	Description	Unit	Qty	Rate	Amount
2	INSTALLATION AND COMMISSIONING OF THREE FUEL BOWSERS	Sum	1		
	<ul style="list-style-type: none"> Renewal of all electrical cabling and links to distribution box in nearby office (app. 24m). Trenching route should try to follow old trenches: to be discussed with Farm Manager. Trench refill to be compacted and topped with a 150mm thick 30 MPa/13mm concrete. Installation of cabling conduit/ducts should allow for possible future cabling upgrades. An electrical safety compliance certificate will be required on completion of all work and before final payment. Install lockable (lock out) pump switches in office. 				
3	BOWSER PUMP CALIBRATION	Sum	1		
	<ul style="list-style-type: none"> Calibration of the bowsers by an accredited SANAS Weights and Measures laboratory representative. Calibration certificate to be submitted for each bowser on completion of work. <p>Name of SANAS accredited W&M company to be used:</p> <p>.....</p>				
5	REMOVAL AND REMEDIATION OF OLD FUEL FROM TANKS AND RETURN OF CLEANED FUEL TO CLEANED TANKS				
	<p>Remediate implies removal of impurities such as free /entrained /emulsified water, microbe/bacterial growth, metallic particles/residue, debris and any other solids). A phased filtration process is required to a three (3) micron level.</p> <p>>> Please attach proof and details of your proposed filtration process.</p>				
5.1	For diesel: 1x 9 000 liter underground and 1x 9 000 liter above ground bulk tanks	Sum	1		
5.2	For petrol: 1x 9 000 liter underground bulk tank	Sum	1		
SUB-TOTAL PAGE 9 > TRANSFER TO SUMMARY PAGE 13			R		

PRICING SCHEDULE FOR THE UPGRADE OF THE FUEL STORAGE AND BOWSER FACILITIES AT CEDARA FARM SERVICES - Page 10				Nov-2021	
Code	Description	Unit	Qty	Rate	Amount
6	CLEANING OF THREE BULK TANKS				
6.1	<p>Removal of the bi-film/ microbe/ bacterial build-up inside the tank and its accessories that could re-contaminate the cleaned fuel.</p> <p>Removal of possible material contaminants left/ lodged in the pumping system due to the replacement of hoses and other items.</p> <p>Non-toxic biocides or non-sludge-forming cleaning materials to be used. Please attach proof.</p> <p>Service crew and personnel must be accredited tank cleaning operators. Proof of legal certification to execute such cleaning operations is required. Please attach proof.</p>	Sum	1		
6.2	Replacement of all tank vent screens and filters	Sum	1		
6.3	<p>Submission of legal documentation to certify that the cleaning job has been completed successfully.</p> <p><i>Proposed method:</i> <i>Per tank, take at least one (1) fuel sample before tank cleaning and one (1) sample after cleaning of each bulk tank.</i></p> <p><i>Samples to be analyzed for fuel quality by an independent SANAS accredited laboratory as per the relevant industry SANS or ISO specifications. Analyses results to prove successful cleaning and remediation, to be submitted with invoice.</i></p> <p>No payment will be considered without such proof.</p>	Sum	1		
SUB-TOTAL PAGE 10 > TRANSFER TO SUMMARY PAGE 13				R	

PRICING SCHEDULE FOR THE UPGRADE OF THE FUEL STORAGE AND BOWSER FACILITIES AT CEDARA FARM SERVICES - Page 11				Nov-2021	

Code	Description	Unit	Qty	Rate	Amount
6	CLEANING OF THREE BULK TANKS (ctd)				
6.4	<p>After cleaning the tanks, and when still empty, an assessment of tank condition and functionality to be made by the certified cleaning specialist. A tank condition report must be submitted for all three tanks.</p> <p>No payment will be considered without a tank condition reports.</p> <p>A pressure tests (if appropriate), to check for possible leaks, is required for the two below-ground tanks. No payment will be considered without pressure test reports.</p>	Sum	1		
7	DISPOSAL OF WASTE/CONTAMINANTS				
7.1	Collection by and disposal of the waste/contaminants resulting from the cleaning of the tanks by an accredited waste disposal company.	Sum	1		
7.2	<p>Certificate from the accredited waste disposal company certifying the safe and environmentally compliant waste disposal indicating total volume of waste material safely disposed for each tank.</p> <p>No payment will be considered without such proof.</p>	Sum	1		
SUB-TOTAL PAGE 11 > TRANSFER TO SUMMARY PAGE 13				R	

PRICING SCHEDULE FOR THE UPGRADE OF THE FUEL STORAGE AND BOWSER FACILITIES AT CEDARA FARM SERVICES - Page 12				Nov-2021	

Code	Description	Unit	Qty	Rate	Amount
8	TANK MODIFICATIONS				
	<i>These will only be required if the above ground 9000L diesel tank has passed the quality tests performed after cleaning</i>				
8.1	Supply of a purpose made pre-manufactured galvanised steel ladder and safety platform. Concept drawing to be issued during briefing.	Sum	1		
8.2	Design of purpose made platform with ladder for tank.	Sum	1		
8.3	Sanding and cleaning of the outside of the tank and painting the tank with 2 coats of Direct-To Metal (DTM) hammered metallic grey/silver bridge paint	Sum	1		
8.4	Supply of three (3) 9 000 liter easily readable calibrated metal dip sticks.	Sum	1		
9	SAFETY FEATURES				
9.1	<u>Supply of signage.</u> <i>Two chromadek and twelve vinyl signs, specs and supplier details to be supplied by the Department (see attached). Contractor to receive actual costs plus mark up.</i>	Prov. Sum	=====	=====	R2 500,00
9.2	b) Overheads, charges and profit on item 9.1. Percentage tendered >>:%	Prov. Sum	=====	=====	R
9.3	Supply and installation into the steel cabinets of 2 x 9kg DCP fire extinguishers.				
9.4	Supply and installation of two red <u>pre-manufactured and purpose-made</u> steel cabinets with hinged door to house the 9kg DCP extinguisher. Cabinets to be suitably mounted on a steel frame no more than 3m away from the bowsers/pumps.	Sum	1		
9.5	Issuing of a Fire Safety Certificate by the local PMB Fire Chief Commander. The local Fire Chief must be involved from site establishment to completion of the project. The Service Provider must adhere to all OHS requirements, such as the keeping of a safety file. No payment will be considered without such certificate.	Sum	1		
SUB-TOTAL PAGE 12 > TRANSFER TO SUMMARY PAGE 13				R	

**PRICING SCHEDULE FOR THE UPGRADE OF THE FUEL STORAGE AND
BOWSER FACILITIES AT CEDARA FARM SERVICES - SUMMARY
PAGE**

Nov-2021

Line	Page	Description	AMOUNT
1	1	A Preliminary & General	R
2	2	B CONSTRUCTION OF SECONDARY DIESEL BUND 1 Site preparations 2 Bund wall foundations	R
3	3	3. Bund wall/Steps/Box/ concrete footings/ slab base 4. Concrete footings 5. Slab base	R
4	4	6 MASS CONCRETE 7 PAINTING & BAGWASH	R
5	5	7 PAINTING & BAG WASH 8 SUMP & DRAIN 9 FUEL FILLING AREA	R
6	6	9 FUEL FILLING AREA (continued)	R
7	7	C REFURBISHMENT OF PETROL & DIESEL STORAGE AND DELIVERY SYSTEMS 1. SUPPLY OF 3 MECHANICAL FUEL DISPENSERS	SUBMIT AMOUNT ON LINE 8
8	8	C REFURBISHMENT OF PETROL & DIESEL STORAGE AND DELIVERY SYSTEMS 1. SUPPLY OF 3 MECHANICAL FUEL DISPENSERS	R
9	9	2. INSTALLATION & COMMISSIONING OF 3 MECHANICAL FUEL DISPENSERS 3. PUMP CALIBRATION 4. SUPPLY & INSTALLATION OF GENERATOR SET 5. REMOVAL AND REMEDIATION OF OLD FUEL	R
10	10	6. CLEANING OF THREE BULK TANKS	R
11	11	7. CLEANING OF THREE BULK TANKS 8. DISPOSAL OF WASTE/CONTAMINANTS	R
12	12	9. TANK MODIFICATIONS 10. SAFETY FEATURES	R
11		SUBTOTAL LINE 1 - 10	R
12		CONTINGENCIES 10% OF SUBTOTAL LINE 11	R
13		SUBTOTAL LINES 11 + 12	R
14		VAT 15%	R
15		TOTAL	R

Contractors Health and Safety Declaration

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

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

Declaration by Bidder

1. I the undersigned hereby declare and confirm that I am fully conversant with the Occupational Health and Safety Act No 85 of 1993 (as amended by the Occupational Health and Safety Amendment Act No 181 of 1993), and the OHSA 1993 Construction Regulations 2014.
2. I hereby declare that my company has the competence and the necessary resources to safely carry out the construction work under this contract in compliance with the Construction Regulations and the Department's Health and Safety Specifications.
3. I hereby confirm that adequate provision has been made in my tendered rates and prices in the Bill of Quantities to cover the cost of all resources, actions, training and all health and safety measures envisaged in the OHSA 1993 Construction Regulations 2014, including the cost of the specific items listed in the tables hereafter.

(Tables to be completed by bidder)

TABLE 1: COST OF SAFETY PERSONNEL

PERSONNEL	COSTS AS ALLOWED IN BID	NOMINATED PERSON/S
Construction Supervisor		
Construction Safety Officer		
Health & Safety Representatives		
Health and Safety Committee		

TABLE 2: COST OF SAFETY EQUIPMENT

EQUIPMENT	STATE YES or NO	COST ALLOWED FOR IN BID
Hard hats		
Safety boots		
Add items as per risk assessment:		

4. I hereby undertake, if my bid is accepted, to provide, before commencement of the works under the contract, a suitable and sufficiently documented Health and Safety Plan in accordance with Regulation 7(1)(a) of the Construction Regulations, which plan shall be subject to approval by the Department.
5. I confirm that copies of my company's approved Health and Safety Plan, the Department's Safety Specifications as well as the OHSA 1993 Construction Regulations 2014 will be provided on site and will at all times be available for inspection by the Contractor's personnel, the Department's personnel, the Engineer, visitors, and officials and inspectors of the Department of Labour.
6. I hereby confirm that, I will be liable for any penalties that may be applied by the Department in terms of the said Regulations (Regulation 33) for failure on the Contractor's part to comply with the provisions of the Act and the Regulations.
7. I agree that my failure to complete and execute this declaration to the satisfaction of the Department will mean that I am unable to comply with the requirements of the OHSA 1993 Construction Regulations 2014, and accept that my bid will be prejudiced and may be rejected at the discretion of the Department.

SIGNATURE OF BIDDER **DATE**

(of person authorised to sign on behalf of the Bidder)

LIST OF DRAWINGS			
NUMBER	REFERENCE	TITLE	PAGE
DR01	DIE/RDN/2021/025	DIESEL BUND CEDARA – SITE PLAN	
DR02	DIE/RDN/2021/026	DIESEL BUND CEDARA - PLAN	
DR03	DIE/RDN/2021/027	CONTAINMENT BUND FOR 9000L BTA DIESEL TANK – LONG SECTION	
DR04	DIE/RDN/2021/028	CONTAINMENT BUND FOR 9000L BTA DIESEL TANK – SHORT SECTION	
DR05		CONCEPT DESIGN FOR INSPECTION PLATFORM WITH LADDER	

NOTES

BUND DESIGN & CALCULATIONS ARE BASED ON THE SANS 10310 REGULATIONS PERTAINING TO BULK TO FARMER (BTF) AND BULK TO AGRICULTURE (BTA) STORAGE REQUIREMENTS FOR CLASS II AND CLASS III FUELS AND OILS.

CALCULATION BUND HEIGHT
BUNDED CONTAINMENT AREA:
36.5M²

REQUIRED SECONDARY CONTAINMENT VOLUME: $9000 \times 1.1 = 9900L = 9.9 M^3$.

REQUIRED BUND HEIGHT:
9.9/38.5 = 0.257m OR 270MM
ADD: 100MM RAINSTORM.

TOTAL HEIGHT REQUIRED:
270MM + 80MM = 350MM
THIS WILL BE EASILY ACCOMMODATED IN THE CONTAINMENT AREA AS THE WALL IS 350MM HIGH AT THE HIGHEST POINT OF THE BUND AND 475MM AT THE LOWEST PART AVERAGE WALL HEIGHT IS 410MM.

REQUIRED: 10 COURSES OF BRICKS (BRICK HEIGHT 75MM).
NUMBER OF FACE BRICKS REQUIRED (INCLUDING STEPS AND VALVE BOX): 2700 BRICKS. THIS INCLUDES 5% BREAKAGE.

REVISIONS		
No.	DATE	DESCRIPTION

KZN DEPARTMENT
OF AGRICULTURE &
RURAL DEVELOPMENT



ENGINEERING SERVICES

1 CEDARA ROAD | CEDARA |
PRIVATE BAG X9059,
PIETERMARITZBURG, 3200
PHONE: 033-33428300

CHECKED FOR KZNARD

DATE

CLIENT
FARM SERVICES

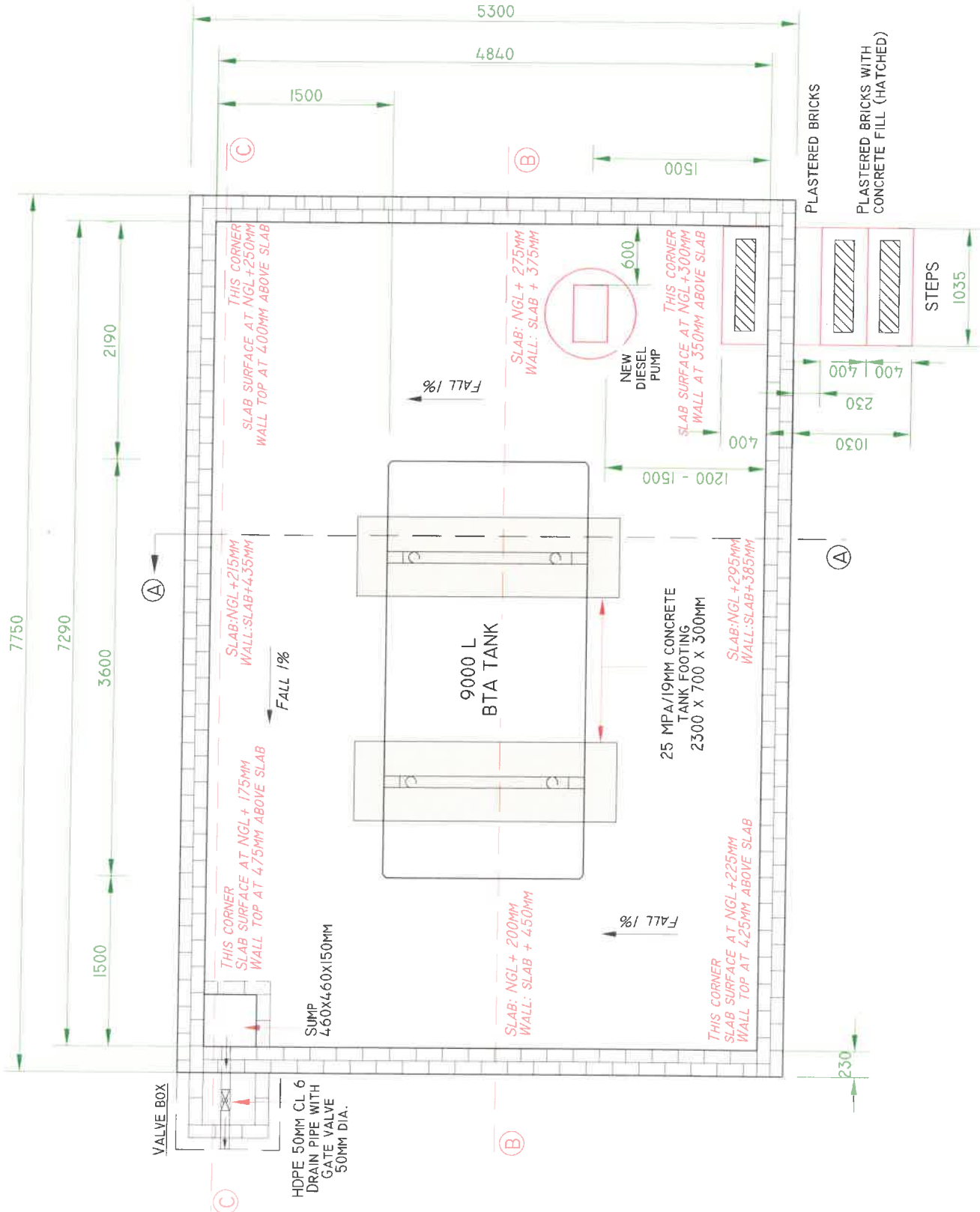
DRAWING 2 OF 5

CONTAINMENT
BUND FOR
9000L BTA
DIESEL TANK

PLAN

USE: PROCUREMENT / BID SPECS

DRAWN	DATE	DESIGNED	YEAR	ISS. NO.
RDN	28/09/2021	RDN	2021	0210216
SCALE	1:50 (A3)	CHECKED	DRAWING CATEGORY	INITIALS



NOTES

BUND DESIGN & CALCULATIONS ARE BASED ON THE SANS 10310 REGULATIONS PERTAINING TO BULK STORAGE OF FARMER (STP) AND BULK TO AGRICULTURE (BTA) STORAGE REQUIREMENTS FOR CLASS II AND CLASS III FUELS AND OILS.

CALCULATION BUND HEIGHT
BUNDED CONTAINMENT AREA:
36.5M²
REQUIRED SECONDARY CONTAINMENT VOLUME: 9000 * 1.1 = 9900L = 9.9 M³.

REQUIRED BUND HEIGHT:
9.9/38.3 = 0.27M OR 270MM
ADD: 100MM RAINSTORM.

TOTAL HEIGHT REQUIRED:
270MM + 80MM = 350MM
THIS WILL BE EASILY ACCOMMODATED IN THE CONTAINMENT AREA AS THE WALL IS 350MM HIGH AT THE HIGHEST POINT OF THE BUND AND 475MM AT THE LOWEST PART AVERAGE WALL HEIGHT IS 410MM.

REQUIRED: 10 COURSES OF BRICKS (BRICK HEIGHT 75MM).
(NUMBER OF FACE BRICKS REQUIRED INCLUDING STEPS AND VALVE BOX):
2700 BRICKS. THIS INCLUDES 5% BREAKAGE.

REVISIONS		
No.	DATE	DESCRIPTION

KZN DEPARTMENT
OF AGRICULTURE &
RURAL DEVELOPMENT



ENGINEERING SERVICES

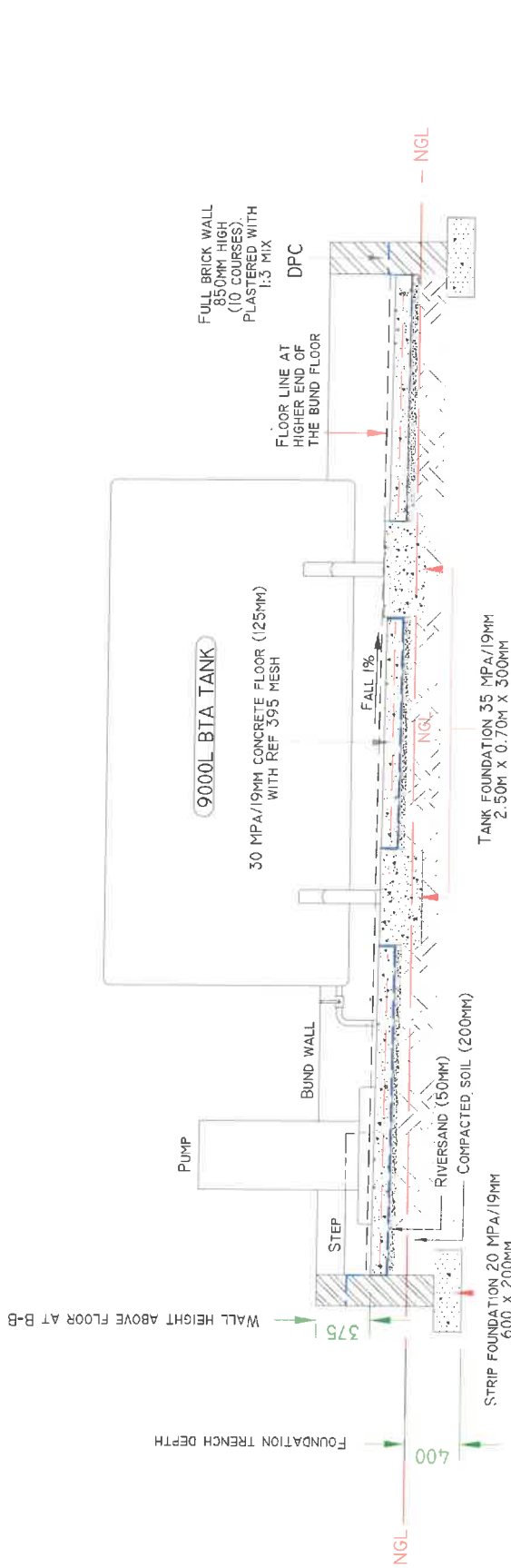
1 CEDARA ROAD | CEDARA |
PRIVATE BAG X9059,
PIETERMARITZBURG, 3200
PHONE: 033-33428300

CHECKED FOR KZN DARD
DATE
PR. ENGINEER

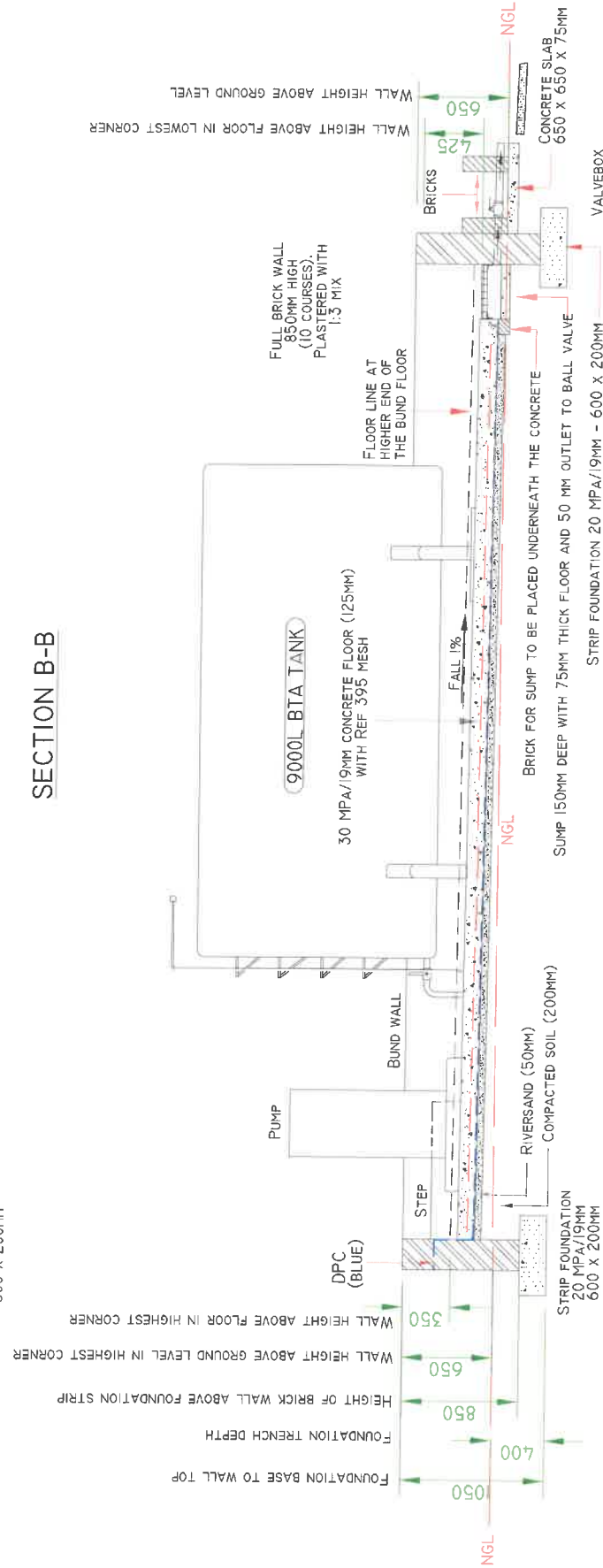
CLIENT:
FARM SERVICES

DRAWING 3 OF 5
CONTAINMENT
BUND FOR
9000L BTA
DIESEL TANK
LONG SECTION

USE: PROCUREMENT/BD SPECS			
DRAWN	RON	SURVEYED	RON
DATE	28/06/2021	DESIGNED	RON
SCALE	1 : 50 (A3)	CHECKED	
DRAWING REF.	DIERDIN210211	YEAR	2021



SECTION B-B



SECTION C-C

LONGITUDINAL SECTIONS

(ESTIMATES)

PLINTH 30MPa/19mm	CONCRETE FOOTINGS 30MPa/19mm	STRIP FOUNDATION+ VALVE BOX+STEPS	TOTAL CONCRETE
MIX: 1 : 2 : 2.5	Mix: 1 : 2 : 2.5	20 MPa/19mm	CEMENT: 60 BAGS
VOLUME (CURED): 4.2m ³	VOLUME (CURED): 1.05m ³	VOLUME (CURED): 3.6m ³	SAND: 4.5 m ³
CEMENT: 31 BAGS	CEMENT: 8 BAGS	CEMENT: 21 BAGS	19MM STONE: 5.8m ³
UMGENI SAND: 2.2m ³	UMGENI SAND: 0.5m ³	REF 395: 3 SHEETS	SLAB BASE
19MM STONE: 2.7m ³	19MM STONE: 0.6m ³	19MM STONE: 2.5m ³	UMGENI SAND: 1.9m ³

(ESTIMATES)

ITEM	DESCRIPTION	UNIT	QTY	PRICE	TOTAL
1	BEDDING MORTAR				
	NO. OF FACE BRICKS INCL. STEPS, TRENCH, STEPS & VALVEBOX: 2700.				
	MORTAR: MIX: 1 : 4				
	CEMENT: 12 BAGS				
	BUILDING SAND: 1.6M ³				
2	PLASTER				
	NO. OF FACE BRICKS 2700				
	PLASTER MIX: 1 : 3.5				
	CEMENT: 6 BAGS				
	PLASTER SAND: 0.7M ³				

(ESTIMATES)

CEMENT: 72 BAGS
UMGENI SAND: 6.1 M³
BUILDING SAND: 1.6M³
PLASTER SAND: 0.71M³
19MM STONE: 5.4M³
FACE BRICKS: 2850
REF 395: 3 SHEETS

NOTES

BUND DESIGN & CALCULATIONS ARE BASED ON THE SANS 10310 REGULATIONS PERTAINING TO BULK TO FARMER (BTF) AND BULK TO AGRICULTURE (BTA) STORAGE REQUIREMENTS FOR CLASS II AND CLASS III FUELS AND OILS.

CALCULATION BUND HEIGHT
BUNDED CONTAINMENT AREA:
36.5M2
REQUIRED SECONDARY CONTAINMENT
VOLUME: $9000 \times 1.1 = 9900L =$
9.9 M3.

REQUIRED BUND HEIGHT:
9.9/38.5= 0.27M OR 270MM
ADD: 100MM RAINSTORM.

TOTAL HEIGHT REQUIRED:
270MM + 80MM = 350MM
THIS WILL BE EASILY ACCOMMODATED
IN THE CONTAINER AREA AS THE
WALL IS 350MM HIGH AT THE
HIGHEST POINT OF THE BUND
AND 475MM AT THE LOWEST PART
AVERAGE WALL HEIGHT IS 410MM.

REQUIRED: 10 COURSES OF
BRICKS (BRICK HEIGHT 73MM).
NUMBER OF FACE BRICKS REQUIRED
(INCLUDING STEPS AND VALVE BOX):
2700 BRICKS. THIS INCLUDES
5% BREAKAGE.

[illegible]

KZN DEPARTMENT
OF AGRICULTURE &
RURAL DEVELOPMENT



ENGINEERING SERVICES

CEDARA ROAD | CEDARA
 PRIVATE BAG X9059,
 PIETERMARITZBURG, 3200
 PHONE: 033-33428300

CHECKED FOR KZNDARD

PR. ENGINEER

CLIENT:

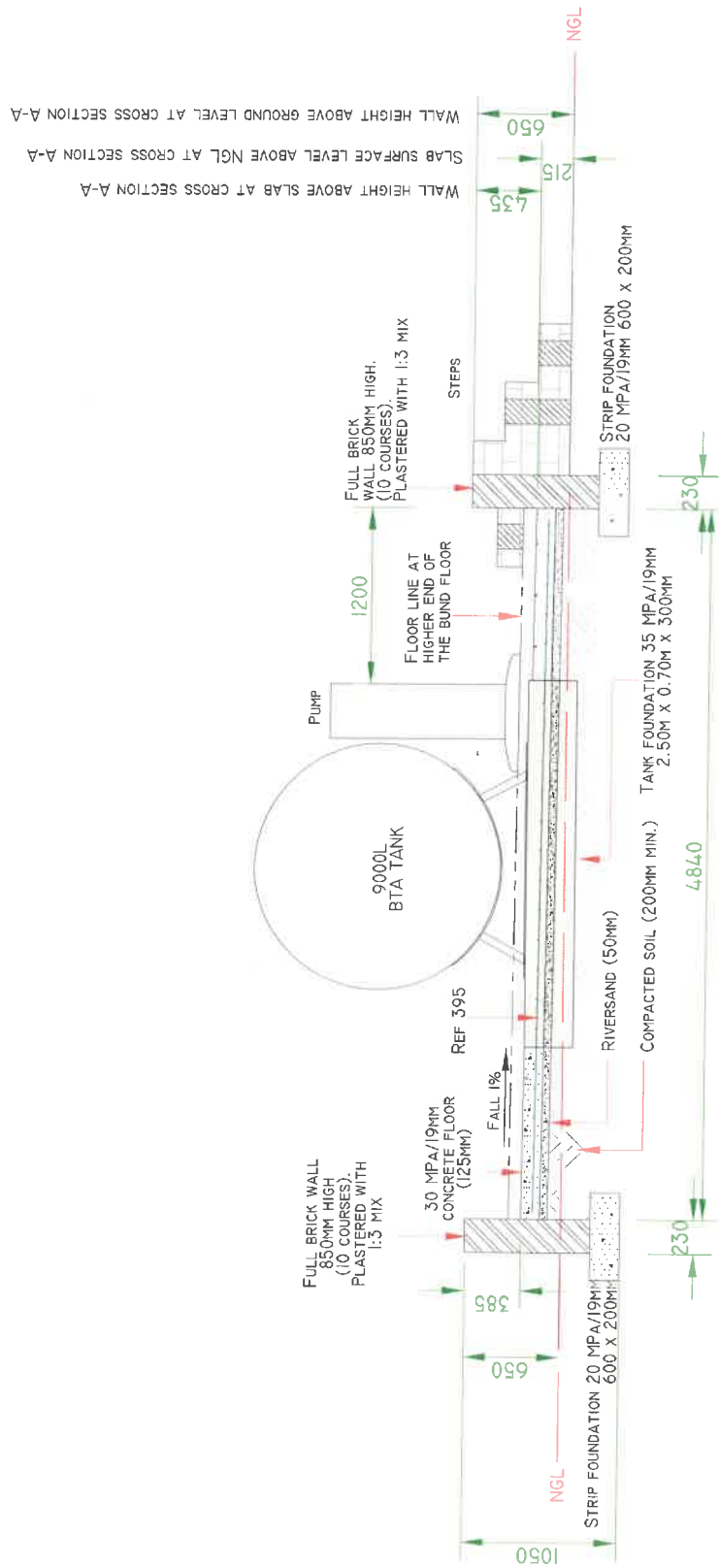
DRAWING 4 OF 5

CONTAINMENT
BUND FOR
9000L BTA
DIESEL TANK

SECTION A-A

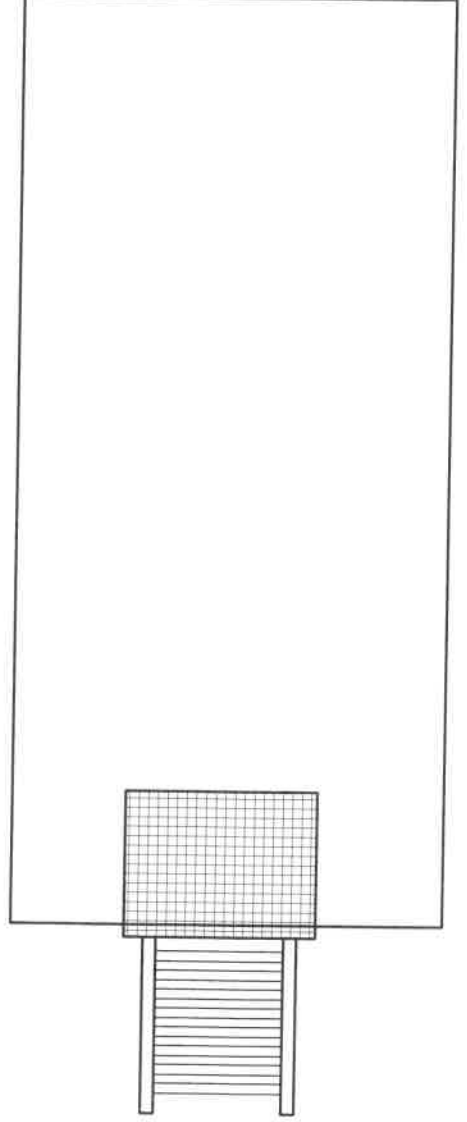
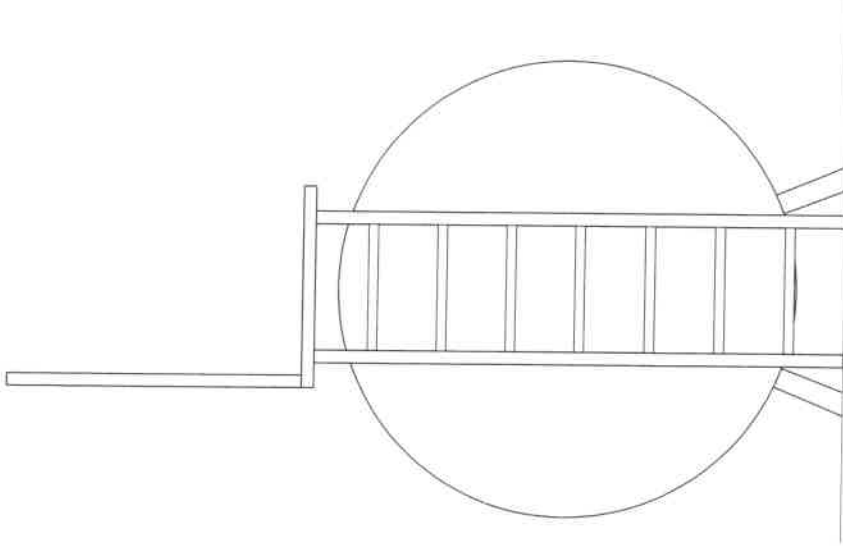
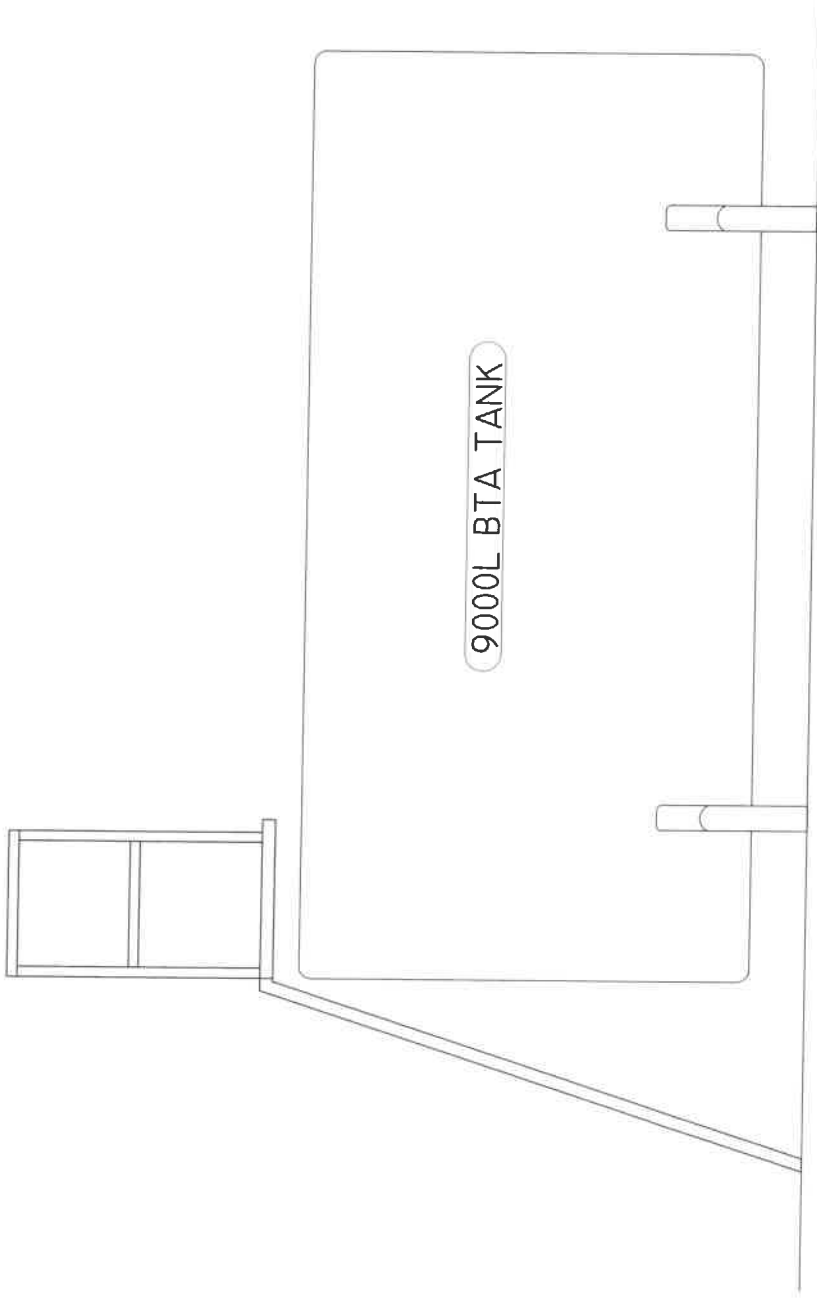
USE: PROCUREMENT/RID SPECS			
DRAWING	RDN	SURVEYED	
DATE	01/07/2021	DESIGNED	RDN
SCALE	1 : 50 (A3)	CHECKED	

DRAWING REF.	CATEGORY	INITIALS	YEAR	SEQ. NO.
	D	I E R D N	2021	1028



SECTION A-A

**DRAWING 5 - CONCEPT
DESIGN FUEL TANK
INSPECTION
PLATFORM**



DECLARATION OF INTEREST

1. Any legal person, including persons employed by the state¹, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes an advertised competitive bid, a limited bid, a proposal or written price quotation). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-
 - the bidder is employed by the state; and/or
 - the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.
 2. **In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.**
 - 2.1 Full Name of bidder or his or her representative:
.....
 - 2.2 Identity Number:
.....
 - 2.3 Position occupied in the Company (director, trustee, shareholder², member):
.....
 - 2.4 Registration number of company, enterprise, close corporation, partnership agreement or trust:
.....
 - 2.5 Tax Reference Number:
.....
 - 2.6 VAT Registration Number:
.....
 - 2.6.1 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / PERSAL numbers must be indicated in paragraph 3 below.
-

¹"State" means –

- (a) 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);
- (b) any municipality or municipal entity;
- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

²"Shareholder" means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.

Please clearly indicate, with an 'X' only one box that is applicable to your business or firm

2.7 Are you or any person connected with the bidder presently employed by the state?

YES	NO
-----	----

2.7.1 If so, furnish the following particulars:

Name of person / director / trustee / shareholder/member:

.....

Name of state institution at which you or the person connected to the bidder is employed

.....

Position occupied in the state institution:

.....

Any other particulars:

.....

2.7.2 If you are presently employed by the state, did you obtain

YES	NO
-----	----

the appropriate authority to undertake remunerative work outside employment in the public sector?

If yes, did you attach proof of such authority to the bid document?

YES	NO
-----	----

(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.)

2.7.2.1 If no, furnish reasons for non-submission of such proof:

.....

.....

2.8 Did you or your spouse, or any of the company's directors /

YES	NO
-----	----

trustees / shareholders / members or their spouses conduct
business with the state in the previous twelve months?

2.8.1 If so, furnish particulars:

.....

.....

2.9 Do you, or any person connected with the bidder, have
any relationship (family, friend, other) with a person
employed by the state and who may be involved with
the evaluation and or adjudication of this bid?

YES	NO
-----	----

2.9.1 If so, furnish particulars.

.....

.....

2.10 Are you, or any person connected with the bidder,

aware of any relationship (family, friend, other) between
any other bidder and any person employed by the state
who may be involved with the evaluation and or adjudication
of this bid?

YES	NO
-----	----

2.10.1 If so, furnish particulars.

.....

.....

2.11 Do you or any of the directors / trustees / shareholders / members

YES	NO
-----	----

of the company have any interest in any other related companies
whether or not they are bidding for this contract?

2.11.1 If so, furnish particulars:

.....

.....

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

Full Name	Identity Number	Personal Income Tax Reference Number	State Employee Number / Persal Number

4 DECLARATION

I, THE UNDERSIGNED (NAME).....

CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 2 and 3 ABOVE IS CORRECT.

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

.....
Name of bidder

.....
Position

.....
Signature

.....
Date

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2

- a) The value of this bid is estimated to **exceed/not exceed** R50 000 000 (all applicable taxes included) and therefore the preference point system shall be applicable; or
- b) Either the 80/20 or 90/10 preference point system will be applicable to this tender (*delete whichever is not applicable for this tender*).

1.3 Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

1.4 The maximum points for this bid are allocated as follows:

	POINTS
PRICE	
B-BBEE STATUS LEVEL OF CONTRIBUTOR	
Total points for Price and B-BBEE must not exceed	100

1.5 Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6 The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

4

- 4

4

4

4

90/10

or

4

4

4

4

4

- 4

B-BBEE Status Level of Contributor	Number of points (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

5. BID DECLARATION

5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

6.1 B-BBEE Status Level of Contributor: . =(maximum of 10 or 20 points)
(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

7. SUB-CONTRACTING

7.1 Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

7.1.1 If yes, indicate:

i) What percentage of the contract will be subcontracted.....%

ii) The name of the sub-contractor.....

iii) The B-BBEE status level of the sub-contractor.....

iv) Whether the sub-contractor is an EME or QSE

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations,2017:

Designated Group: An EME or QSE which is at last 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		

Black people who are military veterans		
OR		
Any EME		
Any QSE		

8. DECLARATION WITH REGARD TO COMPANY/FIRM

8.1 Name of
company/firm:.....

8.2 VAT registration
number:.....

8.3 Company registration
number:.....

8.4 TYPE OF COMPANY/ FIRM

Partnership/Joint Venture / Consortium
One person business/sole propriety
Close corporation
Company
(Pty) Limited
[TICK APPLICABLE BOX]

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....
.....
.....
.....
.....

8.6 COMPANY CLASSIFICATION

Manufacturer
Supplier
Professional service provider
Other service providers, e.g. transporter, etc.
[TICK APPLICABLE BOX]

8.7 Total number of years the company/firm has been in business:.....

8.8 I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a

fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –

- (a) disqualify the person from the bidding process;
- (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
- (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
- (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
- (e) forward the matter for criminal prosecution.

WITNESSES

1.

2.

.....
SIGNATURE(S) OF BIDDERS(S)

DATE:

ADDRESS

.....

.....

DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

This Standard Bidding Document (SBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2011, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

1. General Conditions

- 1.1. Preferential Procurement Regulations, 2011 (Regulation 9) makes provision for the promotion of local production and content.
- 1.2. Regulation 9.(1) prescribes that in the case of designated sectors, where in the award of bids local production and content is of critical importance, such bids must be advertised with the specific bidding condition that only locally produced goods, services or works or locally manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for bids referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

x is the imported content in Rand

y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid as indicated in paragraph 4.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on [http://www.thedti.gov.za/industrial development/ip.jsp](http://www.thedti.gov.za/industrial%20development/ip.jsp) at no cost.

1.6 A bid may be disqualified if –

- (a) this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation; and
- (b) the bidder fails to declare that the Local Content Declaration Templates (Annex C, D and E) have been audited and certified as correct.

2. Definitions

- 2.1. **“bid”** includes written price quotations, advertised competitive bids or proposals;
 - 2.2. **“bid price”** price offered by the bidder, excluding value added tax (VAT);
 - 2.3. **“contract”** means the agreement that results from the acceptance of a bid by an organ of state;
 - 2.4. **“designated sector”** means a sector, sub-sector or industry that has been designated by the Department of Trade and Industry in line with national development and industrial policies for local production, where only locally produced services, works or goods or locally manufactured goods meet the stipulated minimum threshold for local production and content;
 - 2.5. **“duly sign”** means a Declaration Certificate for Local Content that has been signed by the Chief Financial Officer or other legally responsible person nominated in writing by the Chief Executive, or senior member / person with management responsibility (close corporation, partnership or individual).
 - 2.6. **“imported content”** means that portion of the bid price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or its subcontractors) and which costs are inclusive of the costs abroad (this includes labour or intellectual property costs), plus freight and other direct importation costs, such as landing costs, dock duties, import duty, sales duty or other similar tax or duty at the South African port of entry;
 - 2.7. **“local content”** means that portion of the bid price which is not included in the imported content, provided that local manufacture does take place;
 - 2.8. **“stipulated minimum threshold”** means that portion of local production and content as determined by the Department of Trade and Industry; and
 - 2.9. **“sub-contract”** means the primary contractor’s assigning, leasing, making out work to, or employing another person to support such primary contractor in the execution of part of a project in terms of the contract.
3. **The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:**

The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

Description of services, works or goods **Stipulated minimum threshold**

1. Pipe 100 %
2. Bowser pump calibration 100%
3. Steel value added products 100%
4. Does any portion of the services, works or goods offered have any imported content?
(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

- 4.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.reservebank.co.za.

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

5. Were the Local Content Declaration Templates (Annex C, D and E) audited and certified as correct?
(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

- 5.1. If yes, provide the following particulars:

- (a) Full name of auditor:
- (b) Practice number:
- (c) Telephone and cell number:
- (d) Email address:

(Documentary proof regarding the declaration will, when required, be submitted to the satisfaction of the Accounting Officer / Accounting Authority)

6. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

LOCAL CONTENT DECLARATION
(REFER TO ANNEX B OF SATS 1286:2011)

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)

IN RESPECT OF BID NO.

ISSUED BY: (Procurement Authority / Name of Institution):

.....
NB

1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.

2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on <http://www.thdti.gov.za/industrialdevelopment/ip.jsp>. Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, (full names),
do hereby declare, in my capacity as
of(name of bidder
entity), the following:

(a) The facts contained herein are within my own personal knowledge.

(b) I have satisfied myself that:

- (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
- (ii) the declaration templates have been audited and certified to be correct.

(c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above)	
Local content %, as calculated in terms of SATS 1286:2011	

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above.
The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E.

(d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.

(e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 13 of the Preferential Procurement Regulations, 2011 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____

DATE: _____

WITNESS No. 1 _____

DATE: _____

WITNESS No. 2 _____

DATE: _____

Local Content Declaration - Summary/Schedule

Plus

EU

Notes VAT to be excluded from all calculations

दिए

Signature of Teacher from Annex B

Dates:

(C22) Total Tender value net of exempt imported content

(C23) Total Impaired content	(C24) Total local content	(C25) Average local content % of tender
0	0	0

Notes VAT to be excluded from all calculations

EU	R 2.00
----	--------

GBP 12.00

[illegible][illegible]

Description of imported content	Unit of measure	Local supplier	Overseas supplier	Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of imports	Freight costs to port of entry	All taxes/fees incurred landing costs & duties	Total landed cost incl VAT	Quantity imported	Total imported value
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)
(D45) Total imported value by End party											

Type of payment (D-40)	Local supplier issuing the receipt (D-41)	Overseas beneficiary (D-42)	Foreign currency value paid (D-43)	Tender Rate of Exchange (D-44)	Local value of payments (D-45)

(252) Total of foreign currency payments declared by tenderer and/or third party

(043) Total of imported content & foreign currency payments - (032), (042) & (052) above

Deer:

Local Content Declaration - Supporting Schedule to Annex C

Note: VAT to be excluded from all calculations

(E10) **Manpower cost** (Tenderer's manpower cost)

(E12) **Inventory** (Rental, depreciation & amortisation, utility costs, consumables etc.)

(E12) ~~Contribution over heads and expenses~~ (Marketing, Insurance, financing, Interest etc.)

(E23) Total total content:

This table may correspond with entry # 82-1

Signature of tenderer from Annex B

Date:

CONTRACT FORM - RENDERING OF SERVICES

THIS FORM MUST BE FILLED IN DUPLICATE BY BOTH THE SERVICE PROVIDER (PART 1) AND THE PURCHASER (PART 2). BOTH FORMS MUST BE SIGNED IN THE ORIGINAL SO THAT THE SERVICE PROVIDER AND THE PURCHASER WOULD BE IN POSSESSION OF ORIGINALLY SIGNED CONTRACTS FOR THEIR RESPECTIVE RECORDS.

PART 1 (TO BE FILLED IN BY THE SERVICE PROVIDER)

1. I hereby undertake to render services described in the attached bidding documents to (name of the institution)..... in accordance with the requirements and task directives / proposals specifications stipulated in Bid Number..... at the price/s quoted. My offer/s remain binding upon me and open for acceptance by the Purchaser during the validity period indicated and calculated from the closing date of the bid .
2. The following documents shall be deemed to form and be read and construed as part of this agreement:
 - (i) Bidding documents, viz
 - Invitation to bid;
 - Tax clearance certificate;
 - Pricing schedule(s);
 - Filled in task directive/proposal;
 - Preference claims for Broad Based Black Economic Empowerment Status Level of Contribution in terms of the Preferential Procurement Regulations 2011;
 - Declaration of interest;
 - Declaration of bidder's past SCM practices;
 - Certificate of Independent Bid Determination;
 - Special Conditions of Contract;
 - (ii) General Conditions of Contract; and
 - (iii) Other (specify)
3. I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the services specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
4. I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfillment of this contract.
5. I declare that I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.
6. I confirm that I am duly authorised to sign this contract.

NAME (PRINT)

CAPACITY

SIGNATURE

NAME OF FIRM

DATE

WITNESSES

1

2

DATE:

CONTRACT FORM - RENDERING OF SERVICES**PART 2 (TO BE FILLED IN BY THE PURCHASER)**

1. I..... in my capacity as..... accept your bid under reference numberdated.....for the rendering of services indicated hereunder and/or further specified in the annexure(s).
2. An official order indicating service delivery instructions is forthcoming.
3. I undertake to make payment for the services rendered in accordance with the terms and conditions of the contract, within 30 (thirty) days after receipt of an invoice.

DESCRIPTION OF SERVICE	PRICE (ALL APPLICABLE TAXES INCLUDED)	COMPLETION DATE	B-BBEE STATUS LEVEL OF CONTRIBUTION	MINIMUM THRESHOLD FOR LOCAL PRODUCTION AND CONTENT (if applicable)

4. I confirm that I am duly authorised to sign this contract.

SIGNED ATON.....

NAME (PRINT)

SIGNATURE

OFFICIAL STAMP

WITNESSES

1

2

DATE:

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 1 This Standard Bidding Document must form part of all bids invited.
- 2 It serves as a declaration to be used by institutions 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 disregarded if that bidder, or any of its directors have-
 - a. abused the institution's supply chain management system;
 - b. committed fraud or any other improper conduct in relation to such system; or
 - c. failed to perform on any previous contract.
- 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	Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector? (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied). The Database of Restricted Suppliers now resides on the National Treasury's website (www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)? The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.	Yes <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 outside of 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:		

4.4	Was any contract between the bidder and any 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"/>
4.4.1	If so, furnish particulars:		

SBD 8

CERTIFICATION

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

Js365bW

CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Standard Bidding Document (SBD) 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 *per se* prohibition meaning that it cannot be justified under any grounds.
- 3 Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
 - a. disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
 - b. cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
- 4 This SBD 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 (SBD 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.

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.
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

OFFICIAL BRIEFING SESSION/SITE INSPECTION CERTIFICATE

N. B.: THIS FORM IS ONLY TO BE INCLUDED AND COMPLETED WHEN APPLICABLE TO THE BID.

Site/building/institution involved:

.....

Bid No:

Service:

THIS IS TO CERTIFY THAT (NAME):

ON BEHALF OF:

VISITED AND INSPECTED THE SITE ON..... (DATE)

AND IS THEREFORE FAMILIAR WITH THE CIRCUMSTANCES AND THE SCOPE OF THE SERVICE TO BE RENDERED.

.....
SIGNATURE OF BIDDER OR AUTHORISED REPRESENTATIVE
(PRINT NAME)

DATE:

.....
SIGNATURE OF DEPARTMENTAL REPRESENTATIVE
(PRINT NAME)

.....
DEPARTMENTAL STAMP:
(OPTIONAL)

DATE: