



KWAZULU-NATAL PROVINCE

AGRICULTURE AND RURAL DEVELOPMENT
REPUBLIC OF SOUTH AFRICA

KWAZULU-NATAL DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT

Quotation No: R/S/2122/1996

CONSTRUCTION OF GUARD HOUSE AT THE MAIN GATE AT KOKSTAD
RESEARCH STATION – HARRY GWALA DISTRICT

NAME OF BIDDER: _____

COMPULSORY SITE BRIEFING DETAILS	
DATE	15/02/2022
MEETING VENUE	KOKSTAD RESEARCH STATION – HARRY GWALA DISTRICT
MEETING ADDRESS	ADAM KOK ROAD (NEXT TO ST PATRIC HIGH SCHOOL KOKSTAD 4700
MEETING TIME	11H00
START TIME	11H00

1. PRE-QUALIFICATION CRITERIA

REQUIREMENT-CIDB Grading: 1GB OR Above

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

For more information, please contact the following official:

For: Technical Enquiries:
MR SV Shamase
039-727 2105 / 076 941 0338

For: Quotation/SCM
enquiries:
Ms Bongie Mbokazi
033-343 8312

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/2122/1996	VALIDITY PERIOD OF QUOTATION..... Days (To be completed by the Supplier)
CLOSING DATE: 15/02/2022	CLOSING TIME: 11H00
DESCRIPTION(SPECIFICATION/S) OF ITEMS/ SERVICE REQUIRED: CONSTRUCTION OF GUARD HOUSE AT THE MAIN GATE AT KOKSTAD RESEARCH STATION – HARRY GWALA DISTRICT SEE ATTACHED SPEC	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::DOCUMENT TO BE DEPOSITED AT THE BID BOX SCM HILTON – 4 PIN OAK AVENUE HILTON. NO FAXED QUOTATIONS WILL BE ACCEPTED**TEL: NUMBER**
CONTACT PERSON**033 3438312**
BONGI MBOKAZI**NB: THE ATTACHED SBD FORMS MUST BE COMPLETED IN FULL. QUOTATION COVER PAGE MUST BE COMPLETED AND RETURNED WITH ALL YOUR QUOTATION DOCUMENTS**

ADDRESS : _____
 CONTACT PERSON : _____
 CONTACT NUMBER : _____
 FAX NUMBER : _____

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.	Construction of guard house at main gate at Kokstad Research Station					
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 2022
 Where Required (Requester): Cedara, Agric Farm Services
 Contact details of requester: Johan van Rensburg
 TEL : 033 355 9328

COMPANY STAMP



PRICES ARE VALID FOR 30 60 90 DAYS

Mark one Box (X)

SIGNATURE
 DATE

**KWAZULU-NATAL PROVINCE****AGRICULTURE AND RURAL DEVELOPMENT**
REPUBLIC OF SOUTH AFRICA**QUOTE DOCUMENT FOR THE APPOINTMENT OF A SERVICE
PROVIDER FOR THE CONSTRUCTION OF A GUARDHOUSE AT
KOKSTAD RESEARCH STATION****NOVEMBER 2021**

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APPOINTMENT OF A SERVICE PROVIDER FOR THE CONSTRUCTION OF A GUARD HOUSE AT KOKSTAD RESEARCH STATION

A | TERMS OF REFERENCE

1. SCOPE OF WORKS:

- 1.1.1. Construction of a guardhouse with ablutions.
- 1.1.2. Supply of furniture, cupboard, and household equipment
- 1.1.3. Supply and installation of a septic tank.
- 1.1.4. Connection of the guardhouse to water and electricity services

2. PROJECT LOCATION

2.1. Kokstad research Station is situated in Kokstad Local Municipality in the Harry Gwala District Municipality, 2km west of Kokstad town.

2.2. Site Coordinates: 29°32'24.14"S 30°16'3.67"E.

3. CONSTRUCTION PHASES

The following are an outline encompassing the various construction phases for the construction of the guardhouse:

1. Site establishment;
2. Earthworks:
 - 2.1. Clearing: Remove topsoil from the guardhouse footprint and surrounding zone (15 x 10m) ensuring that all bases will be located into 'cut'. See site preparation specification and drawing;
 - 2.2. Leveling: Level the cleared area (15 x 10m) and shape embankment to required slope (1:1)
 - 2.3. Foundations: excavate foundation trenches, stockpile soil for refill, compact.
3. Soil treatment (ant poisoning) of the foundation trenches.
4. Strip foundations: supply, place, screed and cure (keep moist 1 week during curing) to level and specification. *Request inspection before casting of any concrete.*
5. Foundation wall: Supply and delivery of materials (cement bricks) for foundation wall, construction of foundation walls to specification.
6. Floor base: compact selected refill material and pour the slab base.
7. Install damp proofing, provide and install formwork for floor (well/adequately braced)
8. Provide and install reinforcement works for floor area,
9. Supply, mix, pour, compact, finish and cure concrete to specification.
10. Prime and paint with epoxy primer and resin.



11. Walls: DPC placed under walls, walls built up including brick-reinforcing as specified, doors, window, lintels, and columns built in as specified.
12. Finishings:
 - 2.1. Plastering (inside only),
 - 2.2. Sills and window surrounds,
 - 2.3. Glazing,
 - 2.4. Painting,
 - 2.5. Tank stand and tank,
 - 2.6. Plumbing,
 - 2.7. Topsoil replacement and re-shaping,
 - 2.8. Final clean-up of site.

**B | SPECIAL TERMS & CONDITIONS****APPOINTMENT OF A SERVICE PROVIDER FOR THE CONSTRUCTION OF A GUARD HOUSE FOR THE KOKSTAD RESEARCH STATION IN HARRY GWALA DISTRICT****1. INTRODUCTION**

- 1.1 Quoters must ensure that they are fully aware of all the Terms and Conditions contained in this document. Only those who fully meet the prequalification shall be considered.
- 1.2 Quoters please check the number of consecutively numbered pages. Should any found to be missing or in duplicate, or the text of figures indistinct, or should there be any doubt or obscurity as to the meaning of any part of these documents, the Quoter must ascertain the true meaning or intent of the same prior to the submission of his/her Quote. No claims arising from any incorrect interpretation will be admitted.

2. ACCEPTANCE OF THE QUOTE

- 2.1 The Department is under no obligation to accept any quote.

3. AMENDMENT OF CONTRACT

- 3.1 Any amendment to or renunciation of the provisions of the contract shall at all times be done in writing and shall be signed by both parties.

4. AWARD

- 4.1 Quoters who meet the prequalification shall be scored on functionality and only quoters with a minimum score of 70 shall be evaluated on price and preference points.

5. BASIS OF QUANTITIES

- 5.1 Quantities are as reflected on the Bill of Quantities.

6. BBBEE CERTIFICATE

- 6.1 A quoter claiming BBBEE points must submit a valid BBBEE certificate or a sworn affidavit together with the quote.

7. CHANGE OF ADDRESS

- 7.1 Quoters must advise the Departmental Supply Chain Management, Contract Administration should their ownership or address (*domicilium citandi et executandi*) details change from the time of submitting the quote to the expiry of the contract.

8. COMPETENCY OF THE SERVICE PROVIDER

- 8.1. This quote is open for contractors with a Construction Industry Development Board (CIDB) database grading of **at least 1 GB**. The contractor is to submit evidence of his/her OWN **Active** registration.
- 8.2. For evaluation processes, the Department shall apply the evaluation criteria as outlined in the Quote Evaluation Criteria of this quote.
- 8.3. It shall be vital for the appointed supplier to have sufficient financial resources and capacity to finance and execute as per terms and conditions of the contract.
- 8.4. Unless the service provider is a roof specialist him/herself (submit evidence), the sub contracting of the manufacturing of the rafters to a specialist (truss) company is compulsory.



9. COMPULSORY SITE BRIEFING

- 9.1 A compulsory site-briefing meeting will be held with prospective Quoters. 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.

12.DETAILS OF CONSTRUCTION CONTRACTS AWARDED TO THE QUOTER PAST/CURRENT (ANNEXURE C1)

- 12.1 The quoter must furnish the following details of all verifiable past and current construction contracts.
- 12.1.1. Date of commencement of contract/s;
 - 12.1.2. Value per contract; and
 - 12.1.3. Contract details; that is, with whom held, phone number and Address/s of the companies.

13. ENTERING OF DEPARTMENTAL OFFICES

- 13:1 No representative from a company shall be permitted to enter Departmental premises, buildings or containers where stores are kept unless he/ she is accompanied by the responsible official in charge of stores.

14. EQUAL QUOTES

- 14.1 If two or more quoters score an equal total number of points, the contract must be awarded to the quoter that scored the highest points for BBBEE.
- 14.2 If functionality is part of the evaluation process and two or more quoters score equal total points and equal preference points for BBBEE, the contract must be awarded to the quoter that scored the highest points for functionality.
- 14.3 If two or more quoters score equal total points in all respects, the award shall be decided by the drawing of lots.

15. INVOICES

- 15.1 All invoices submitted by the Contractor must be Tax Invoices indicating quantity ordered and quantity delivered, the amount of tax charged and the total invoice amount.
- 15.2 A tax invoice shall be in the currency of the Republic of South Africa and shall contain the following particulars:
- 15.1.1. The name, address and registration number of the supplier;
 - 15.1.2. The name and address of the recipient;
 - 15.1.3. An individual serialized number and the date upon which the tax invoice is issued;
 - 15.1.4. A description of the goods or services supplied;
 - 15.1.5. The quantity or volume of the goods or services supplied;
 - 15.1.6. The value of the supply, the amount of tax charged and the consideration for the supply; or
 - 15.1.7. Where the amount of tax charged is calculated by applying the tax fraction to the consideration for the supply and either the amount of the tax charged, or a statement that it includes a charge in respect of the tax and the rate at which the tax was charged.

16. IRREGULARITIES

- 16.1 Companies are encouraged to advise the Department timeously of any possible irregularities which might come to their notice in connection with this or other contracts.



17. JOINT VENTURES

- 17.1 In terms of the Preferential Procurement Regulations, 2017 pertaining to the Preferential Procurement Policy Framework Act 5 of 2000, a trust, consortium or joint venture must submit a consolidated BBBEE Status Level Verification Certificate for every separate quote.
- 17.2 Should this quote be submitted by a joint venture, the joint venture agreement must accompany the quote document before the closing date and time of quote. The joint venture agreement must clearly specify the percentage of the contract to be undertaken by each company participating therein.
- 17.3 The non-submission of a BBBEE Certificate by a trust, consortium or joint venture shall result in zero (0) preference points being allocated for evaluation purposes.
- 17.4 Each party to a Joint Venture/ Consortium must submit an original valid Tax Clearance Certificate together with the quote before the closing date and time of quote.
- 17.5 The joint venture or consortium must submit a formal agreement that outlines the roles and responsibilities of each member of the joint venture or consortium, nomination of an authorised person to represent the joint venture or consortium in all matters relating to this quote and the details of the bank account for payments to be effected.
- 17.6 The joint venture or consortium must comply with Central Suppliers Database (CSD) registration requirements as per National Treasury directive.

18. LATE QUOTES

18.1 QUOTES are late if they are received after the closing date and time.

18.2 A late quote shall not be considered.

19. NOTIFICATION OF AWARD OF QUOTE

19.1. The successful quoter shall be notified via an advert in the same media as the invitation to tender.

20. PAYMENT FOR SUPPLIES AND SERVICES

- 20.1 A contractor shall be paid by the Department in accordance with supplies delivered and services rendered.
- 20.2 Any query concerning the non-payment of accounts must be directed to the Department. The following protocol shall apply if accounts are queried:
- 20.3.1 Contact must be made with the officer-in-charge of the District Office;
- 20.3.2 If there is no response from the District Office, the Director: Finance must be contacted;
- 20.3 Information as contained on the Central Suppliers Database must be valid/correct. Non-compliance with Tax Requirements shall affect payment.

21. PERIOD OF CONTRACT

21.1 The contract is ad hoc / once off.

22. PRE-QUALIFICATION CRITERIA

22.1 Only quoters who meet both of the following prequalification criteria may respond:-

- 22.1.1. **BBBEE level 1 (as per the provisions of section 4(1)(a) of the PPPFA Regulations, 2017); and**



22.1.2. **EME (as per the provisions of section 4(1)(b) of the PPPFA Regulations, 2017)**

- 22.2 Quoters must submit documentary proof of compliance with the above prequalification criteria.
- 22.3 Quoters who fail to comply with the above-stipulated prequalification criteria or fail to submit documentary proof of the compliance with the prequalification criteria shall not be considered for this quote.

23. QUALITY CONTROL/ TESTING OF PRODUCTS

- 23.1 The Department reserves the right to inspect and verify the quality and specifications of the supplied materials and equipment, as well as other items listed on the Bill of Quantities, **before** construction and/or installation. In case of deviations in terms of dimensions, strength, numbers or otherwise, the Contractor shall replace these goods for the correct ones at his/her own expense.
- 23.2 The same replacement obligation to the Contractor would apply during installation and during and after commissioning.
- 23.3 In the case of sustained or repeated non-adherence to the specifications of the materials and/or equipment, as well as in the case of general negligence during the implementation process, the contract may be cancelled. The Department will in such cases seek compensation from the contractor for the estimated costs for completion.
- 23.4 In cases of deliberate negligence or unwillingness to adhere to the Departmental specifications, the Service provider will be reported to the Provincial and/or National Treasury for listing on the Restricted section of the Central Suppliers database.

24. ORDER OF PRECEDENCE

- 24.1 This invitation to quote is issued in accordance with the provisions of the Public Finance Management Act (PFMA), Chapter 16 A of the *Treasury Regulations* and shall be subject to the provisions of the *National Treasury Government Procurement General Conditions of Contract* (July 2010). The *Special Terms and Conditions* are supplementary to that of the *General Conditions of Contract*. Where, however, the *Special Terms and Conditions* are in conflict with the *General Conditions of Contract*, the *Special Terms and Conditions* shall prevail.

25. SUPPLIERS DATABASE REGISTRATION

- 25.1 A quoter submitting an offer must be registered on the Central Suppliers Database at National Treasury. A quoter who has submitted an offer and is not registered on the Central Suppliers Database shall not be considered at the time of award. No pending registrations shall be considered.
- 25.2 A Joint Venture/Consortium must be registered on the Central Suppliers Database at the time of submitting the quote.
NB: If a quoter is found to be employed by the State and is on the Central Suppliers database, the quoter shall be disqualified.

26. TAX AND DUTIES

- 26.1 During quotation stage, prices offered and paid must include all customs, excise and import duties, and any other tariffs or taxes levied by the government or statutory body having jurisdiction on the goods provided under this contract, including Value Added Tax (applicable at the current rate).

27. TAX COMPLIANCE PIN

- 27.1 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.



- 27.2 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.

28. UNSATISFACTORY PERFORMANCE

- 28.1. Unsatisfactory performance occurs when performance is not in accordance with the contract conditions.
- 28.2. The Departmental official shall warn the contractor in writing that action shall be taken in accordance with the contract conditions unless the contractor complies with the contract conditions and delivers satisfactory supplies or services within a specified reasonable time (7 days minimum).
- 28.3. If the Contractor fails to commence the Works or to proceed with and complete the Works in compliance with the projected timeframes, the Head of Department or his/her representative shall take action in terms of its his/her delegated powers and adopt and exercise one of the following courses wholly or partly, viz: -
- 28.3.1. To direct the Contractor, in writing, on any day named therein to suspend and discontinue the execution of the Works, and to withdraw himself and his workmen from the said Site or Sites,
 - 28.3.2. To make a recommendation to the Accounting Officer for cancellation of the contract concerned.
 - 28.3.3. To Contract or Contracts by calling for Quotes or otherwise with any other Contractor or Contractors for the completion of the Works, or any part thereof, at such times and upon such terms as to the Department shall deem best.
- 28.4. In relation to the foregoing provisions the Department shall charge any sums of money which may be paid by the Department for completing the said Contract against the Contractor and if such amount shall exceed this Contract, then the Department shall have the right to recover such excess or any balance thereof from the Contractor by legal proceedings.
- 28.5. When correspondence is addressed to the contractor, reference shall be made to the contract number/ item number/s and an explanation of the complaint.

29. VALIDITY PERIOD OF QUOTE AND EXTENSION THEREOF

- 29.1 The validity (binding) period for the quote shall be 120 days from close of quote. However, circumstances may arise whereby the Department will request quoters to extend the validity (binding) period. Should this occur, the Department shall request quoters to extend the validity (binding) period under the same terms and conditions as originally offered for by quoters. This request shall be done before the expiry of the original validity (binding) period.

30. VALUE ADDED TAX (VAT)

- 30.1 Quote prices must be inclusive of 15% VAT.
- 30.2 Quoters who make taxable supplies in excess of R1 million in any 12-month consecutive period are liable for compulsory VAT registration, but a person may also choose to register voluntarily provided that the minimum threshold of R50 000 (as of 1 March 2010) has been exceeded in the past 12-month period. Quoters who meet the above requirement must register as VAT vendors, if successful, within one month of award of the quote.
- 30.3 For the purposes of calculating preference points, VAT shall not be considered during quotation process.



31. SERVICE LEVEL AGREEMENT

- 31.1 The successful Quoter and the Department will sign a Service Level Agreement (SLA) prior to commencement of works. 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.
- 31.2 The *Special Terms and Conditions (STC)*, the *Standard Technical Specifications (STS)* and the *Project Specific Specifications (PSS)* as listed in this quote document, together with the *Drawings*, are deemed to form part of the SLA.

32. COMMENCEMENT OF THE WORK

- 32.1. Site establishment must start within two (2) weeks, and the actual works within three weeks after hand-over of the site, provided that;
- 32.1.1. An official order has been issued;
- 32.1.2. The contractor is in possession of all relevant documentation required for works execution;
- 32.1.3. No exceptional circumstances such as inclement weather or other outside the control of either party to the contract prevail.
- 32.2. 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.

33. HANDOVER OF SITE TO CONTRACTOR

- 33.1. The Department will organize a site hand-over to the contractor who will then be introduced to the project stakeholders and participants.
- 33.2. The site will be handed back at works completion after a final inspection by the Engineer revealed no outstanding patent defects.
- 33.3. The Contractor will control the site for the contract duration. Only the Contractor's own employees, Contractor's local labour and Departmental Representatives will be allowed on site.
- 33.4. The Contractor is responsible in the administration, control and security on the site at all times during the contract duration.

34. WATER AND POWER

- 34.1. The Contractor shall make the necessary arrangements for the provision of any water and power. No payment will be made for the provision or use of these services and the cost of these shall be included in the Quote/quoted amount.

35. LOCATION OF CAMP

- 35.1. The Contractor's camp may be erected on the site of the works but must meet the approval of the Engineer, project beneficiaries and landowners.
- 35.2. No persons other than a night watchman may sleep in the camp, without the approval of the local relevant Stakeholder.

36. HOUSING OF CONTRACTOR'S EMPLOYEES

- 36.1. The Contractor shall make his own arrangement for housing, payment and feeding his employees and transporting them to and from the site. However, it may be possible to arrange temporary local accommodation for the Contractor's staff with the participants.



- 36.2. The Contractor is in all respects responsible for the housing and transporting of his employees, and for the arrangement thereof, and no extension of time due to any delays resulting from this, will be granted.

37. LABOUR SOURCE & CAPACITY

- 37.1. The Contractor will be required to satisfy the Department that a sufficient and experienced labor force is employed or that sufficient experienced labour can be acquired to complete the services and produce an acceptable quality of workmanship.
- 37.2. The contractor is encouraged to source unskilled labour from the project participants or local community. The Contractor and the Departmental representative (Engineer or local Agricultural adviser) may negotiate with the participants in this regard to establish all the conditions for the utilization of the local labour.
- 37.3. The Contractor will be responsible for all hiring, payment, housing and transport of all labour used for the duration of the contract.

38. SECURITY & RISK

- 38.1. No one shall be allowed on the construction site after normal working hours except for the necessary security personnel.
- 38.2. The Contractor shall also be responsible for safeguarding all plants, machinery, equipment and materials on site. The Engineer shall not be responsible for any lost, damaged or stolen property or materials. Should any of these situations arise, no allocations will be made in terms of finances or time.

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

- 39.1. The Contractor shall be responsible for the safe delivery, loading, off-loading, handling and storage of any equipment and materials on site.
- 39.2. All equipment, materials and plant stored on site must be suitably protected against damage or loss by theft or otherwise.
- 39.3. 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.

40. EXISTING ROADS, MUNICIPAL PAVEMENTS, ETC.

- 40.1. The Contractor is advised that he will be held responsible for any damage to the existing pavings, roads, municipal pavements, fences, boundary walls, etc., and will have to repair such damage at his expense.

41. DAMAGE TO PROPERTY

- 41.1. If the Contractor or his/her employees, while engaged in the execution of the contract, shall break, deface, injure, destroy or allow to fall into disrepair any part of the Works or property belonging to the Department, or any private property including: buildings, pavings, roads, fences, walls or grounds contiguous to the premises of the Department on which he or they may be employed, the Contractor will be required to repair, in a perfect and workmanlike manner, at own expense all damage to the approval of the Department. The Completion Certificate will not be issued until the Department is satisfied that all necessary remedial work has been satisfactorily completed
- 41.2. The Contractor shall take every precaution against damage or nuisance being caused by dust both to the properties of the Employer and all surrounding properties and shall indemnify the Employer against any claim that might arise there from.

42. UNDERGROUND CABLES AND PIPES



- 42.1. 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.
- 42.2. Should the Contractor damage underground cable or pipes, such damage shall be repaired as soon and safely as possible by the Contractor.
- 42.3. The cost of making good such damage will be met by the Contractor as this must be covered by the Contractor's works insurance.

43. DAILY RAINFALL RECORDS

- 43.1. 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.

44. INSPECTION OF WORK

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

45. NOTICE OF COVERING WORK

- 45.1. 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.
- 45.2. 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.

46. SUB-CONTRACTED WORK

- 46.1. The contractor shall not sub-contract the entire contract. The contractor must indicate in *Annexure C2 – Additional Information: Subcontracted Works* which part(s), if any, (s)he intends to subcontract.
- 46.2. **The sub-contracting of manufacturing of the rafters is mandatory.** Please submit name of suppliers in Annexure C2.
- 46.3. 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.

47. INSURANCE

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

48. OCCUPATIONAL HEALTH AND SAFETY

- 48.1. 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 an 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

48.2 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 B, the CONTRACTOR'S HEALTH AND SAFETY DECLARATION, the completion of which is mandatory.

48.3 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.

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

48.5 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	OHSA 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.



48.6 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 2014.

48.7 The Contractor shall pay particular attention to watching and warning lighting and must provide any necessary barriers, etc., required for the protection of the public in terms of the Act.

49. INJURY TO PERSONS

49.1. The Contractor shall be liable for and shall indemnify the department in respect of any liability, loss, claim or proceedings whatsoever, whether arising in Common Law or by Statute in respect of personal injuries to or death of any person whomsoever arising out of or in the course of or caused by the execution of the Works.

50. DISAGREEMENTS

50.1. Notice of disagreement. The Contractor has the right by written notice to the Engineer to require him to consider any disagreement which he raises with the Engineer provided the said written notice shall be given within 14 days after the cause of disagreement has arisen.

50.2. Ruling on disagreements. The Engineer shall give a ruling on the disagreement in writing to the Contractor no later than 14 days after his receipt of a written request from the Contractor requiring him to do so. The Engineer shall provide such a ruling with as little delay as possible. During the response time the Contractor shall not alter the status of the works under contention.

51. FIXED PRICE CONTRACT

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

52. PRICING - COMPLETENESS OF QUOTE

52.1. 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.

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

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

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

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

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

53. QUANTITIES OF WORK

53.1. The Contractor shall receive payment only for the works actually executed and approved by the Engineer.

54. PROGRESS PAYMENTS

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

54.2. **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.



- 54.3. 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.
- 54.4. 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.
- 54.5. 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.
- 54.6. Part payments will be made after the Engineer has approved the work and will be made in accordance with the Retention clause (57).
- 54.7. 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.

55. COMPLETION OF THE WORKS

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

55.1.1. 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.

57.1.2. 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.

57.1.3. Final completion

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

56. RETENTION

- 56.1. A 10% retention will be withheld on payment for duration of the construction.
- 56.2. 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.
- 56.3. 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.

57. DEFECT LIABILITY PERIOD

- 57.1. The defect liability period is 12 calendar months calculated from the date of Practical Completion.
- 57.2. 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.

58. CONTINGENCIES



- 58.1. 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.

59. PERIOD OF COMPLETION & RATE OF PROGRESS

- 59.1. The project has to reach practical completion **within 4 months** of award of the contract (120 calendar days).
- 59.2. 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.
- 59.3. 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.
- 59.4. The date of completion will be extended only to the extent approved by the Department.
- 59.5. 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.
- 59.6. 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.

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

- 60.1. 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.
- 60.2. 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.
- 60.3. 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.



C | TECHNICAL SPECIFICATIONS

This section primarily lists the standard specifications that would apply for any construction project. More detailed specification 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
¹ This project: foundations			1 (=2 bags)	4	4
² This project: shed floor, tank stand slab, apron			1 (=2 bags)	3	3

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.

8.2. Class U2 Wood Float Finish *(this is required for the apron around the building)*

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.

8.3. 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.

8.4. Class U4 Steel Float Finish *(this is required for the floor inside)*

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. All external and internal walls are to be centrally constructed on a 650 x 250mm strip footing.
- 10.3. Class C concrete and surface finishes as per drawing (min U2 finish): 20MPa/19mm, 1:2½:3½ mix, slump to SABS 1200GA (5.4.1.2). All foundations are to be properly cured for a minimum period of seven days by keeping moist and covered over this time or by applying a concrete curing compound (applied as per manufacturer's specifications).
- 10.4. Class C concrete and surface finishes as per drawing (min U2 finish): **20MPa/19mm**, 1:2½:3½ mix, slump to SABS 1200GA (5.4.1.2). All foundations are to be properly cured for a minimum period of seven days by keeping moist and covered over this time or by applying a concrete curing compound (applied as per manufacturer's specifications).
- 10.5. Permissible deviations: SABS 1200 GA (6.4) Degree of accuracy III for concrete.

11. FOUNDATION WALLS

- 11.1. The Exterior and Internal foundation walls are to be constructed of SABS standard stock bricks or SABS solid concrete brick units (220mm wide) with SABS galvanized brick force in **each course** installed to SABS installation practice. All brickwork shall be built in stretcher bond in class I mortar for foundation walls. The use of any clay masonry units require that the units are wet before being laid and the course of units last laid shall be wet before laying a fresh course upon it.
- 11.2. The foundation wall carrying the veranda slab consists of 2 courses of M150 blocks
- 11.3. Final foundation levels are to correspond to the floor slab level, min. 150mm above (leveled) ground level.
- 11.4. The foundation wall is to be constructed as detailed in the drawing, using a double brick wall which contains galvanized SABS brick reinforcing in every course. The mortar is to be a rich mix (class I). Unless otherwise specified is to be Portland cement of normal setting quality, is to comply with SABS Specification 471, and must be used fresh. Cement containing more than 15% blast furnace slag will not be permitted to be used.
- 11.5. The foundation wall is to be constructed as detailed in the drawing, using a double brick wall which contains galvanized SABS brick reinforcing in every course. The mortar is to be a rich mix (class I). Unless otherwise specified is to be Portland cement of normal setting quality, is to comply with SABS Specification 471, and must be used fresh. Cement containing more than 15% blast furnace slag will not be permitted to be used.
- 11.6. Permissible deviations: SABS 1200 GA (6.4) Degree of accuracy III for concrete
- 11.7. All brick/blockwork to be sealed with a rich plaster mix on both sides before backfilling with soil. Unless otherwise specified is to be Portland cement of normal setting quality, is to comply with SABS Specification 471, and must be used fresh.

12. FLOORS

1. **Sub-Base** | The soil layer under the floor slab is to be well and uniformly compacted. Backfilling & soil compaction to SABS 1200 DA (3.2; 5.2.3.2). The floors are to be on a leveled base and well compacted to minimum 95% Mod AASHTO – Contractor to supply test results proving compaction results – Department Engineer to be notified of test and observe test procedures.



- .2 **Base** | On top of the compacted soil a layer of 100mm of aggregate/rubble/stone and 50mm of river sand will be applied and compacted. The floor base is to be inspected prior to the pouring of any concrete. **The base is to be inspected prior to laying of the damp proofing or pouring of any concrete.**
- .3 **Pest control** | Pre-construction soil poisoning with a termicide by a specialist Pest Control Operator (PCO) registered in terms of section 10 of Act 47 of 1947, as amended in July 1983, in the categories (IV) (Structural pest control) and/or VI (Wood control). Including certificate. SANS 10124:2006
- .4 **Damp proof sheeting** | SABS (minimum 250 micron thickness) is required throughout the structure.
- .5 **Reinforcing** | Ref 200 reinforcing mesh is required for all floors. It must be sized and placed so it doesn't go across the joints and is to be **inspected**. Ref 100 reinforcing mesh is required for the aprons.
- .6 **Floor** | Class D concrete and surface finishes as per drawing (min U2): **≥25MPa/19mm**, 1:2:3 mix, slump to SABS 1200GA (5.4.1.2). An **inspection** is required during the pouring of the concrete. Permissible deviations: SABS 1200 GA (6.4) Degree of accuracy III for concrete.
- .7 **Curing** | The floor slab is to be properly cured for a minimum period of seven days by keeping moist and covered over this time or by applying a concrete curing compound (applied as per manufacturer's specifications). The curing compound is to be applied after the floating process.
- .8 **Joints** | No joints are required inside the building other than where the floors of the ablutions and duty room meet under the connecting door, and at the entry where the veranda floor meets the duty room slab. 6mm soft board is to be used here, as well as a sealant to separate the slabs.
- .9 **Floor Paint** | All floors Area to be primed with epoxy primer and painted with two coats of epoxy resin. Colour: light grey.
- Screed mixes where applicable: 1 part masonry cement (ENV 413-1) :
4 parts sand (SABS 1090) by volume**
- .10 **Apron:** A concrete apron is to be constructed around the entire structure 750mm wide. The dimensions are to be 100mm thick and slope away from the structure. The aprons are to be constructed in panels not exceeding 3m length x 1.0m wide and reinforced (Ref 100 mesh).

13. WALLS

- .1 SABS damp proof course is required at the base course above the floor slab level throughout.
- .2 **External wall** for the building are a fullbrick 230mm wide. Outer skin red clay brick (Corobrick Travertine Montana or eq.) innerskin is plaster brick.
Internal walls are half brick plaster bricks.
Blocks to be used for the foundation walls for the veranda slab. Use only SANS approved M150 blocks.
- .3 The use of any clay masonry units require that the units are wet before being laid and the course of units last laid shall be wet before laying a fresh course upon it. All block/brickwork shall be built in stretcher bond in class II mortar for super structure walls. The mortar is to be a general purpose mix (class II). Unless otherwise specified is to be Portland cement of normal setting quality, is to comply with SABS Specification 471, and must be used fresh.
- .4 All walls to be reinforced with brickforce (SABS) and reinforced as detailed in the BoQ.



.5 Height of the internal wall separating the Duty room and ablutions is 3.00m.
Height of the divider walls in the toilets is 2.10m.

.6 Only the internal walls are to be **plastered and painted**.

.7 **An inspection** is required when the brickwork reaches lintel height

.8 **An inspection** is required before the plastering of any walls.

14. ENTRANCES

.1 SABS approved concrete lintels to be used over all openings. All recommended transporting, conveying and installation methods including bracing and support of lintels and minimum overlaps of lintels into brickwork to be strictly adhered to.

.2 A heavy duty 8 panel meranti door is required for the entry and connecting door. The external door will have a **hinged burglar gate in front of the entry**.

.3 Internal doors (4x) are flush commercial veneer H/C door 700mm x 1900mm (Toilet doors and connecting door).

.4 A hasp and staple latch is required on the exterior door. Door to be varnished before installation (2 coats, first one 10% diluted with mineral turpentine).

15. WINDOWS

.1 All windows to be galvanised steel with brass stays, fasteners, handles and suitable glazing with factory fitted burglar guards.

.2 Windows required :- 1 x NE2 hinged window (1022 x 653mm, cottage type)
5 x NG1 hinged window (533 x 356mm cottage type.
1 x aluminium sliding window 1500mm (l) x 1000mm (h).
Complete with glazing

.3 All windows to have sills of red so-called "cant" bricks, that are chamfered on the edges (40 x 40mm).

16. ROOFING AND CEILING

16.1. Ceiling

To be 6mm Nutec, on 38 x 38mm brandering at 320mm centres. Last line of brandering 25mm from the wall. Ceiling at 2.50 height.

16.2. Roof structure:

Trusses as per drawing 06. To be manufactured by recognized specialist truss maker.

16.3. Roofsheets :

IBR profile, green chromadek 0.53mm thick.

16.4. All ridge cappings and barge boards are as per the drawings.

16.5. Insulation: Alucushion Bubble foil insulation (or equivalent) on PVC straining wire (2.5mm min, wires 300mm apart) is required throughout the structure. To be well secured and fixed to the structure.



17. GUTTERS AND WATER TANKS

- .1 One plastic water tanks (Jojo type or equivalent) is required (2200-2600 liter each). The tank needs to be installed onto 25 MPa/19mm concrete slabs 1.60m x 1.50m x 100mm with Ref 193 mesh, which are placed on top of a M150 block wall (3 courses of which the top 2 are above ground level, on a 500 x 200mm MPa/19mm strip foundation. Care should be taken to properly compact the concrete slab base to prevent cracking. The tanks are to be elevated above the ground level but beneath the eaves to allow for rainwater harvesting from the structures roof.
- .2 Seamless aluminium roof industrial OGEE profile gutters (125mm x 100mm) and aluminium downpipes (100 x 75mm) are to supply water to these tanks. A ball valve is to be connected to the outlet of each tank. The tanks must be well anchored and secured to the stands and to the bases. The overflow is to spill away from the structure.
- .3 All guttering and down pipes must be adequately fixed to the roof and structure. The end gutters are to discharge into the tank.

18. LIGHTING AND WALL SOCKETS

- .1 All electrical work (connection to the grid, installation of the lamps sockets and switches) to be sub-contracted to a licensed electrician. An electrical certificate/COC is to be submitted.
- .2 All work to comply to the relevant SANS Standards for Electrical Installations:
 - SANS 60614 Specification for conduits for electrical installations
 - SANS 60884 Plugs and socket-outlets for household and similar purposes
 - SANS 61084 Cable trunking and ducting systems for electrical installations
 - SANS 61035 Specification for conduit fittings for electrical installationsand other relevant standards.
- .3 Required fixtures, equipment, sockets and switches, as well as the DB, as per Drawing 7 and section B14 of the Pricing Schedule.

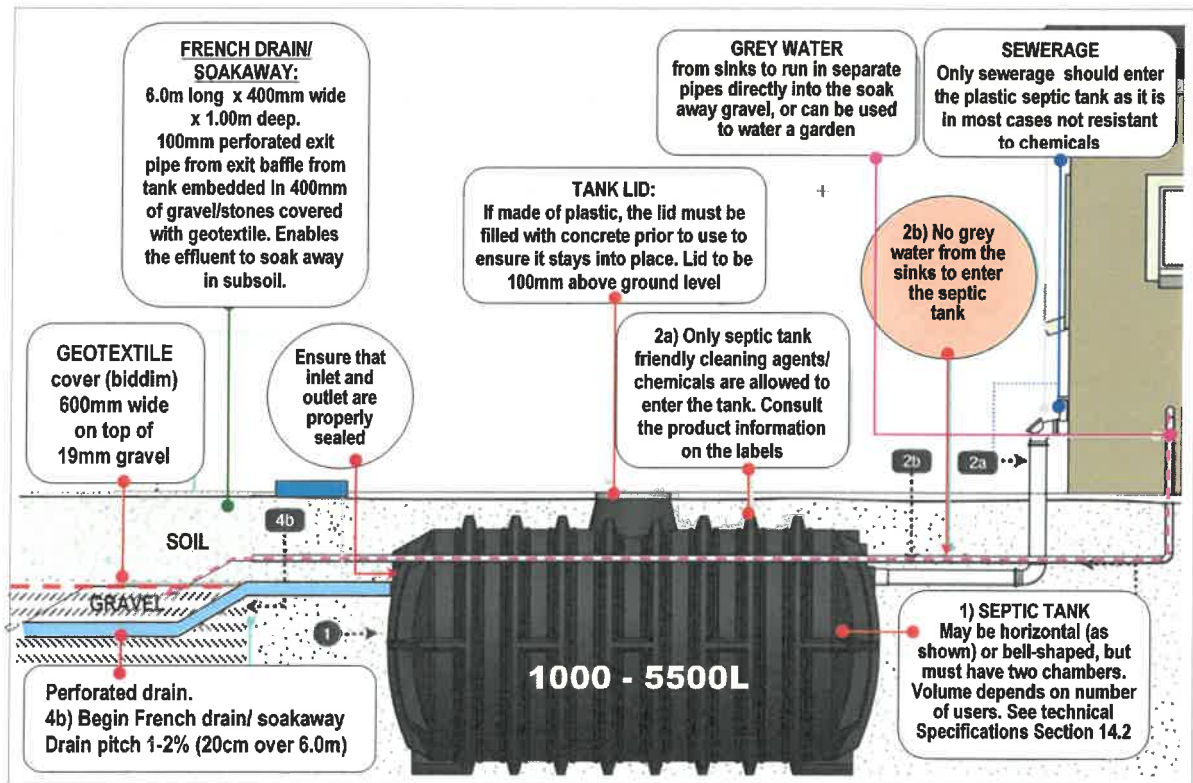
19. FINISHINGS

- .1 Supply and installation of one 5kg ozone friendly fire extinguisher outside on the veranda and 1 fully fitted 1st aid box in the steel double door cupboard in the Duty room.
- .2 Connection to the grid and water mains.
- .3 Clearing up of site.

20. PLUMBING, SEPTIC TANK & FRENCH DRAIN.

- .1 The use of a sink and washing basin requires the connection of the shed to a waste & grey water collection/ processing facility. This could be an existing municipal sewer system or, in the absence thereof, a septic tank with French drain. In both cases the contractor is responsible for the installations and connections. **In the case of a septic tank a professional plumber should do the installation.**
- .2 It should have two compartments/chambers each with an inspection hole of at least 350mm diameter. If a plastic tank is installed, the plastic hollow lid should be filled with concrete. The inspection hole should be at least 100mm above the ground.

Figure 1: Septic tank installation



- .3 The exit pipe should be a perforated sewer pipe of 100-110mm diameter with holes or slits for the effluent to exit.
- .4 The tank exit pipe should enter into a French drain of at least 6m long, 400mm wide and 1.00m deep. It should be embedded in gravel 300mm deep that should be covered with geo- textile fabric and, on top of that, soil.
- .5 The tank should be a pre-manufactured one (plastic or concrete). Tank volume depends on number of people using the facilities. Tick applicable option below.

No. of users	Tank volume (L)	Tick box	No. of users	Tank volume (L)	Tick box
Up to 4	1000	<input type="checkbox"/>	Up to 12	3000	<input type="checkbox"/>
Up to 6	1500	<input type="checkbox"/>	Up to 15	4500	<input type="checkbox"/>
Up to 9	2500	<input checked="" type="checkbox"/>	Up to 25	5500	<input type="checkbox"/>

- .6 The pipe should run at a pitch of 1-2%, with the lower end of the 6m long pipe approximately 10 cm lower than the top end of the pipe.
- .7 If a plastic septic tank is installed, the grey water coming from the basin, should bypass the septic tank and run direct into the French Drain. Alternatively, the grey water from the sinks could be taken outside the building and used for the watering of a garden.
- .8 In case of a soft tank foundation, a 25MPa/19mm concrete slab of 100mm thick should be cast with Ref 395 to extend to 200mm beyond the tank's footings.
- .9 Drawing 8 provides a proposed lay out for the Kokstad Guardhouse septic tank.

**LIST OF ANNEXURES**

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ANNEXURE A

PRICING SCHEDULE FOR THE CONSTRUCTION OF A GUARDHOUSE AT KOKSTAD RS

1

Quantitative data in the DESCRIPTION section of the Bill of Quantities have been provided as guidelines and estimates only and cannot be used to motivate for a possible Contingency if they are not directly costed in the last four columns.

*For example, the quantity of paint to be used has been approximated in the Description using an average spreading rate as per the manufacturer's guidelines. What is costed here though is the surface area to be painted, **not** the volume of paint required. The exact volume is likely to vary per painter.*

2

For all items the costs for transport/delivery to site and installation/ labour/ supervision should be included in the quoted price.

**CONSTRUCTION OF A GUARDHOUSE | PRICING SCHEDULE | PAGE 1****SECTION A: PRELIMINARY AND GENERAL¹**

ITEM #		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A.1		FIXED-CHARGE ITEMS				
A.1.1		Contractual Requirements	Sum	=====	=====	R
A.1.2		Establish Facilities on the Site:				
		a) Facilities for Contractor				
A.1.2.1		Offices and storage sheds	Sum	=====	=====	R
A.1.2.2		Ablution and latrine facilities	Sum	=====	=====	R
A.1.2.3		Water supplies, electric power and communications	Sum	=====	=====	R
A.1.2.4		Plant, tools and equipment	Sum	=====	=====	R
A.1.2.5		Other fixed-charge obligations	Sum	=====	=====	R
A.1.2.6		Remove Engineer's and Contractor's Site establishment on completion	Sum	=====	=====	R
A.2		TIME-RELATED ITEMS²				
A.2.1		Contractual Requirements	Sum	=====	=====	R
		Operate and maintain facilities on the Site:				
		a) Facilities for Contractor for duration of construction, except where otherwise stated				
A.2.2		Offices and storage sheds	Sum	=====	=====	R
A.2.3		Ablution and latrine facilities	Sum	=====	=====	R
A.2.4		Plant, Tools and equipment	Sum	=====	=====	R
A.2.5		Water supplies, electric power and	Sum	=====	=====	R
A.2.7		Company and head office overhead costs	Sum	=====	=====	R
A.2.8		Other time-related obligations	Sum	=====	=====	R
Total Carried Forward To Summary Page>>					R	

¹ Contractor to only cost those P&G cost items that he/she will actually use for the duration of the project.
Items not used will not be paid for.

² Time related items will be paid as per the physical progress made with the construction, **not** as per the construction time lapsed since the commencement of the works.



CONSTRUCTION OF A GUARDHOUSE | PRICING SCHEDULE | PAGE 2

SECTION A: PRELIMINARY AND GENERAL (CTD)¹

ITEM #		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A.3		SUMS STATED PROVISIONALLY BY ENGINEER				
		For work to be done by Nominated Sub-Contractor				
A.3.1		Density tests of all soil compactions on instruction by Engineer	Prov. Sum	=====	=====	R 12,000.00
A.3.2		Overheads, charges and profit on Item A.3.3. Percentage tendered >>.....%	Prov. Sum	=====	=====	R
A.3.4		Sampling and 7 - and 28 days strength tests of concrete cubes for the foundation, floor- 4 sets of 2 x 2 cubes	Prov. Sum	=====	=====	R 10,000.00
A.3.5		Overheads, charges and profit on item A.3.7 Percentage tendered >>.....%	Prov. Sum	=====	=====	R
A.4		OCCUPATIONAL HEALTH & SAFETY ACT				
A.4.1		All fixed costs and obligations to comply with the OHS Act Construction Regulations	Sum	=====	=====	R
A.4.2		Time related obligations to comply with the OHS Act Construction Regulations	Sum	1	R	R
Total Carried Forward To Summary >>					R	

¹ Contractor to only cost those P&G cost items that he/she will actually use for the duration of the project. **Items not used will not be paid for.**

² Time related items will be paid as per the physical progress made with the construction, **not** as per the construction time lapsed since the commencement of the works.



CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 3

SECTION B: CONSTRUCTION

ITEM #	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.1	EARTH WORKS				
B.1.1	SITE CLEARANCE				
B.1.1.1	Clear and grub site. Dimensions: 15 x10m	m ²	150	R	R
B.1.2	EXCAVATIONS				
B.1.2.1	<u>Topsoil</u> Remove 150mm topsoil and stockpile	m ³	22.5	R	R
B.1.2.2	<u>Foundations</u> Excavate in all materials and use for backfill and dispose of excess materials House: 22m x 600mm (w) x 600mm (d)=8m ³ Stoep: 12 x 500mm x 600mm = 3.6m ³ Tankstand: 6.2mx 500mm x 400mm =1.2m ³	m ³	12.8	R	R
B.1.2.3	<u>Leveling</u> Site levelling and excavations (10 x 10m minimum); Excavate in all materials and use for backfill and dispose of excess materials Volume of earth works app. 10m ³ <i>This is a default volume based on a uniform 2% slope over the entire 100m² area to be levelled. Actual volume to be determined by contractor during site visit</i>	m ³	TBA	R	R
B.1.2.4	EXTRA OVER FOR EXCAVATION IN HARD MATERIALS				
B.1.2.4.1	Intermediate excavation	m ³	=====	R	RATE ONLY
B.1.2.4.2	Hard Rock excavation	m ³	=====	R	RATE ONLY
B.1.3	SUBGRADE FILLING AND COMPACTION				
B.1.3.1	Filling and compaction of selected excavated material to 95% Mod AASHTO. Volume based on 150mm compacted fill under all slabs (floor and verandah) and tank stand slabs. 23m ²	m ³	3.5	R	R
Total Carried Forward To Summary >>				R	



CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 4

ITEM #	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.1	EARTH WORKS (CTD)				
B.1.3	SUBGRADE FILLING AND COMPACTION				
B.1.3.2	Filling and compaction of imported G5 material (100mm thick) to 95% Mod AASHTO. House + tank stand.	m ³	2.3	R	R
B.1.3.3	Filling & compaction of 50mm layer of building sand as a blinding. House only. 14.4m ²	m ³	0.7	R	R
B.1.4	SOIL POISONING <i>Pre-construction soil poisoning with a termiticide by a specialist Pest Control Operator (PCO) registered in terms of section 10 of Act 47 of 1947, as amended in July 1983, in the categories (IV) (Structural pest control) and/or VI (Wood control). Including certificate.</i> SANS 10124:2006				
B.1.4.1	Soil poisoning of floor base and foundation base. Provide name and contact details as well as registration number:	m ²	50	R	R
B.2	CONCRETE WORKS				
B.2.1	MASS CONCRETE				
B.2.1.1	Mass concrete - 20 MPa to foundations <u>House</u> : 600mmx250mm = 15.2m ² x 0.25m = 3.8m ³ . <u>Verandah</u> : 500mm x 250mm = 6.0m ² x 0.25m = 1.5m ³ <u>Tank stand</u> : 500mm x 200mm. 2.7m ² x 0.20m = 0.54m ³	m ³	5.9	R	R
B.2.1.2	Mass concrete – 25 MPa to Floors All slabs to have U2 (wood float) finish Floor: 15.2m ² x 125mm = 1.9m ³ Apron (28m ² x 125mm = 3.5m ³ Tank stand: 2.24m ² x 125mm = 0.3m ³	m ³	5.7	R	R
B.2.1.3	Damp proof membrane 375 micron to floors and apron	m ²	43	R	R
Total Carried Forward To Summary >>				R	



CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 5

ITEM #		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.2.2		<i>Reinforcement mesh placed on spacers</i>				
B.2.2.1		Supply & installation of Ref 200 mesh in all slabs (house, veranda, apron & tank stand)	m ²	45	R	R
B.3		MASONRY All materials to be SABS approved				
B.3.1		CEMENT BRICKS 7.5 MPA (SABS)				
B.3.1.1		FOUNDATION WALLS (HOUSE) Double brick cement brick wall on 600 x 250mm 20 MPa/19mm strip foundation 6 courses of double skin wall Est. number of bricks: 1700. Includes 10% breakage	m ²	15.2	R	R
B.3.1.2		Under wall DPC375 µm (300mm wide).	m	64	R	R
B.3.2		NPF CLAY BRICKS (CANT FACE BRICK)				
B.3.2.1		Under all windows. 11.5m of window sill @ 13.3 bricks per meter = 170 bricks (incl. 10% breakage) Montana Travertine cant finishing bricks (chamfered 40x 40mm).	No.	170	R	R
B.3.3		NPF CLAYBRICK (STANDARD)				
B.3.3.1		<u>External walls (full brick)- Outer skin</u> Outer skin: Montana Travertine face brick. Wall height 3.0m x 18m length = 54m ² @ 55 bricks/m ² = 2970 bricks excl. B/C. Including B/C: 3250 bricks	m ²	54.0	R	R
B.3.4		PBX PLASTER BRICKS				
B.3.4.1		<u>External walls- inner skin + interior walls</u> Inner skin: 3.0m x 17m = 51m ² Interior walls (center): 3.4m x 2.6m = 8.8m ² Division walls toilets: 2*1.60m (l) x 2.10m (h) = 6.7m ² Total: 66.5m ² x 55 bricks/m ² = 3658 bricks ex B/C. Including B/C: 4000 bricks	m ²	66.5	R	R
Total Carried Forward To Summary >>						R



CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 6

ITEM #	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.3.5	M150 BLOCKS				
B.3.5.1	<p>For foundation wall of veranda 23m x 2 courses = 9.2m²</p> <p>For tankstand (1.60 x 1.50m) 3 courses of M150 blocks on 500x200 strip foundation. Each course 14 blocks x 3 = 42 blocks or 3.6m²</p> <p>Total: 160 blocks ex B/C</p>	m ²	12.8		
B.3.6	UNDER WALL DPC				
B.3.6.1	Under wall DPC 375 µm (300mm wide). (External wall)	m	20	R	R
B.3.6.2	Under wall DPC 375 µm (225mm wide). (Internal wall and blocks)	m	30	R	R
B.3.7	CONCRETE LINTELS				
	<i>Pre-stressed reinforced concrete lintels See PPS: C11 Minimum strength: 35 MPa</i>				
B.3.7.1	1.5m x 105mm x 70/75mm lintels Above kitchen window (2x)	No.	2	R	R
B.3.7.2	1.2m x 105mm x 70/75mm lintels Above main door (2x) and internal door (1x)	No.	3	R	R
B.3.7.3	1.8m x 105mm x 70/75mm lintels Above aluminium sliding window	No.	2	R	R
B.3.7.4	2.4m x 140mm x 70/75mm lintels Above D522/ND511 windows (2x) and sliding door (1x)	No.	3	R	R
B.3.8	VENTILATION BRICKS. See PPS MS1.5				
B.3.8.1	Burnt clay vermin proof (with gauze) ventilation bricks, or double vent hole covers, NO PLASTIC. Dimensions: 240 x 140-155mm.	No.	10	R	R
Total Carried Forward To Summary >>				R	



CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 7

ITEM #	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.3.9	BRICK REINFORCING				
B.3.9.1	<i>High tensile galvanised Brick reinforcing To be placed: - in every cement brick course (foundations) - in every second block course - In every block course above the window</i>				
B.3.9.1.1	150mm x 2.8mm brick force For double brick foundations. In every course (6x). Rolls of 20m	No.	17	R	R
B.3.9.1.2	150mm x 2.8mm brickforce for clay brick wall Every second course up to lintel height (2m)(12x) , above that every course (12x) Rolls of 20m.	No.	11	R	R
B.3.9.1.3	100mm x 2.8mm brickforce for half brick internal walls Every second course up to lintel height (2m)(5x) ,	No.	4	R	R
B.4	PLASTERING				
B.4.1	<i>Internal wall plastering One Coat (12-15mm) 1:5 cement plaster to brickwork with steel trowel finish. Walls & narrow widths.</i>				
B.4.1.1	Inside skin of outside wall and interior walls 51m ² + 34m ²	m ²	85	R	R
B.5	PAINTING				
B.5.1	<i>Priming of all plastered surfaces with plaster primer</i>				
B.5.1.2	Area to be covered: 85m ² . App. volume required: 17Litres at a 5m ² /L spreading rate.	m ²	85	R	R
B.5.2	<i>Painting of all interior wall surfaces with Interior washable PVA paint (Plascon Polvin/ Dulux Super Acrylic Paint</i>				
B.5.2.1	Two coats 2*85m ² = 170m ² . App. Volume (spreading rate 8m ² /L): 21L. Colour: to be discussed.	m ²	170	R	R
Total Carried Forward To Summary >>				R	



CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 8

ITEM #		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.5		PAINTING (CTD)				
B.5.3		FLOOR PAINT <i>Painting of all interior and exterior floors with light grey epoxy paint. Floor preparation as per the epoxy paint manufacturer's specifications</i>				
B.5.3.1		Painting of all floors, including the exterior one, with 1 coat of epoxy primer.	m ²	20	R	R
B.5.3.2		Painting of all floors, including the exterior one, with 2 coats of epoxy/ polyurethane floor paint 2 x 20m ²	m ²	40	R	R
Total Carried Forward To Summary >>					R	



CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 9

ITEM #	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.6	ROOF STRUCTURE				
B.6.1	<p><i>Provisional specifications (truss specialist's specification to take precedence):</i></p> <ul style="list-style-type: none"> • Dimensions: 6.60m (L) x 5.00m (vert. projection) incl. 2 x 250mm eaves overhang and 2 x 150mm gable overhang. • <u>Trusses (7x)</u> <ul style="list-style-type: none"> ○ Type: Fink ○ Length: 4.80m ○ Truss height: 1.30m ○ Trusses and jack rafters at 1.00m centers • <u>Roof pitch:</u> <ul style="list-style-type: none"> ○ 27 degrees ○ All timber to be heat and CCA treated • All purlins to be connect to rafters with hurricane clips at all joints/crossings • Trusses to be placed: <ul style="list-style-type: none"> ○ on 38 x 114mm wall plates, which are to be fastened onto the wall with hoop iron 600mm down. ○ On 50 x 150mm structural timber beam fastened onto steel posts ○ Steel galvanised posts 80 x 2.5mm <p>See drawing OTH/RDN/2021/078</p>	Sum	1	R	R
B.7	ROOF COVERING				
B.7.1	<i>Steel Roof Sheets - IBR</i>				
B.7.1.1	0.53mm IBR widespan chromadek (green) sheeting attached to purlins with self-tapping roofing bolts, hook bolts or equivalent. With colour-coated residential Chromadek roof and hip caps. 2 x 10 sheets of 2.80m length.	m ²	39	R	R
B.8	INSULATION				
B.8.1	<i>Supply and installation of alufoil bubble foil insulation under the roofsheets</i>				
B.8.1.1	Alucushion Bubble foil insulation (or eq.) under the IBR roofsheeting on PVC straining wire (2.5mm min, wires 300mm apart). Lane overlaps 100mm and sealed with duct tape throughout the roof.	m ²	45	R	R
Total Carried Forward To Summary >>				R	


CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 10

ITEM #	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.9	GUTTERS				
B.9.1	<i>Supply & installation of gutters by a specialist sub-contractor</i>				
B.9.1.1	Supply & installation of seamless aluminium chromadek OGEE profile gutters (125mm x 100mm). 7.0m on each side	m	14	R	R
B.9.1.2	Supply and installation of 2 chromadek aluminium downpipes 2.8m x 100 x 75mm), including all fittings. Downpipes to run under 2-3% slope and to discharge into water tank on side of building. Provide 1 bracket/750mm	Sum	1	R	R
B.10	CARPENTRY & JOINERY				
B.10.1	SKIRTINGS				
	<i>Hard wood skirtings to be glued with skirting adhesive to the wall and then nailed with masonry nails.</i>				
B.10.1.1	Wrought Meranti skirting 19-mm x 76mm Bull nosed (rounded) on top and ploughed at back. For Duty room only.	m	10	R	R
B.10.2	DOOR FRAMES				
	<i>Wrought Meranti, without cill</i>				
B.10.2.1	Ex 75 x 114mm single rebated door frame to suite standard 813 x 2032 x 42mm doors Varnished 2 coats (clear, gloss).	No.	2	R	R
B.10.3	FRAMED DOORS, ETC				
	<i>Wrought meranti framed, ledged and braced batten doors</i>				
B.10.3.1	Extra heavy duty hard wood 6 or 8 panel external door (minimum weight: 30kg). FLB: 44mm thick door, size 813 x 2032mm.	No.	2	R	R
B.10.3.2	Flush commercial veneer H/C door 700mm x 1900mm (Toilet doors). Hung 50- 100mm above floor	No.	3	R	R
Total Carried Forward To Summary >>				R	


CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 11

ITEM #	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.10.4		JOINERY WORK				
B.10.4.1		<i>Slatted benches in ablution rooms</i>				
B.10.4.1.1		<p>Bench size: 900 x 350mm</p> <p>WOOD 50 x 30mm Meranti slats with three rounded corners and screwed.</p> <p>STEEL SUPPORT 50x5xmm HDG angle iron bench supports Welded to triangle 400 x 400 x 300mm and mounted onto wall. 1.00m length of angle iron per support</p> <p>FASTENERS M8 x 100mm Galvanised expansion bolts, including forming. Two per bench support M6 x 50mm hex. Galv. bolt w/ washer & nut. To fasten bench slats onto angle iron support</p>	Sum	1	R	R
B.10.5		WORKTOPS				
B.10.5.1		<i>Worktops of 32 mm thick V313 High moisture resistant particle board. Particle board (counter and desks) to rest on angle iron frames that are bolted onto the wall (at the back) and are resting on angle iron legs (In front).</i>				
B.10.5.1.1		<p>Duty room: counter/desk trapezoidal shape –Length: 1000 (front) x 2200 (back) - Width: 600mm Height: 750mm Angle iron framework onto which the particle board will be bolted 50 x 50 x 3mm.</p>	Sum	1	R	R
Total Carried Forward To Summary >>					R	



CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 12

ITEM #	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.10.6		CUPBOARDS				
		<p>Chipboard <i>Doors and carcasses shall be constructed of 18mm melamine faced High Moisture Resistant Medium Density Fibreboard (MDF).</i> <i>Shelves shall be constructed of 18mm melamine faced V313 HMR.</i> <i>All exposed edges to be arrised during construction.</i> <i>All cupboards to have 6mm "Masonite" backing</i> <i>Drawers 18mm V313 HMR particle board front with arrised edges, 12mm.</i></p> <p>Ironmongery <i>Doors to be hung onto cupboard with one pair flat spring loaded.</i> <i>Drawers to be fitted with and including one pair of "Hillaldam" sliding mechanism</i> <i>Unless otherwise described all steel components to be finished in NA (Natural Anodised)</i></p>				
B.10.6.1		Floor cupboards				
B.10.6.1.1		Kitchen: Sink unit 1150mm x 800mm (h) x 500-600 mm (d) with 1 shelf and two doors To fit drop-in single sink item B.17.2.6.	No.	1	R	R
B.10.6.2		Steel standing cupboards				
B.10.6.2.1		Lockable heavy duty double door stationery steel supboards 1800mm (H) x 900mm (W) x 450mm (D). With 4 adjustable shelves. Wall mounted. Grey of beige/brown. Location to be pointed out	No.	1	R	R
Total Carried Forward To Summary >>					R	


CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 13

ITEM #	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.10.7	IRON MONGERY FOR DOORS				
B.10.7.1	LOCKSETS				
B.10.7.1.1	Union 3 lever mortice lockset. For toilets and main door. Chrome plated zinc handles. Chrome plated cast zinc back plate. Stainless steel mortice forend. To fit left or right hinged doors.	No.	4	R	R
B.10.7.2	HINGES				
B.10.7.2.1	Ball bearing butt hinges (100mm) stainless steel or brass. For entrance and ablution doors. Three hinges per door, with two on top (300m apart) and 1 at bottom.	No.	6	R	R
B.10.7.3	LATCHES				
B.10.7.3.1	WC indicator bolt	No.	3	R	R
B.11	WINDOWS				
B.11.1	<u>HINGED WINDOWS</u> <i>All hinged windows to be fully galvanized steel with brass stays, fasteners, handles and suitable glazing. With factory fitted burglar guards.</i>				
B.11.1.1	NG1 window 533 x 356mm	No.	5	R	R
B.11.1.2	NE2 window.1022 x 654mm.	No.	1	R	R
B.11.2	<u>SLIDING WINDOWS</u> <i>Double track 2 panel interlocker aluminium sliding windows.</i>				
B.11.2.1	Aluminium sliding window. Wispeco Elite 1209 or eq. 1500mm (l) x 1000mm (h). Complete with glazing	No.	1	R	R
Total Carried Forward To Summary >>				R	



CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 14

ITEM #	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.12	BRANDERED CEILINGS				
	>Nutec fibre cement ceiling boards (900mm x 6mm) to be fixed against 38 x 38mm brandering at 320mm centres with 32mm x 2.5mm serrated ceiling nails. >Branderung to be nailed onto truss beams (150mm x 50mm), > Use H-joining strips in between nutec sheets. >Ceiling to be finished off with plain Doric plasterboard cornices.				
B.12.1	Brandered Ceilings in duty room and ablutions App. 57m of brandering 38 x 38mm. Ceiling area.	m ²	22	R	R
B.12.2	CORNICES				
	<i>Polystyrene cornices</i>				
B.12.2.1	75mm polystyrene cornices In duty room and ablutions	m	23	R	R
B.13	GLAZING FOR WINDOW FRAMES				
B.13.1	4mm floated glass of GG quality To be cut in panes of various dimensions fitting cottage type steel windows. Include placement, putty and fittings	m ²	2.0	R	R
Total Carried Forward To Summary >>				R	


CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 15

ITEM #	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.14	ELECTRICAL WORKS				
	<i>All electrical work (to be sub-contracted to a licensed electrician. An electrical certificate/COC is to be submitted at handover</i>				
	SANS 60614 Specification for conduits for electrical installations SANS 60884 Plugs and socket-outlets for household and similar purposes SANS 61084 Cable trunking and ducting systems for electrical installations SANS 61035 Specification for conduit fittings for electrical installations, and all other relevant SANS codes for the works				
	<i>Total capacity required for the connection: 10 kVA – single phase</i>				
B.14.1	LIGHT SWITCHES & SOCKET OUTLETS				
B.14.1.1	Single gang light switch – 1 way <i>In Ablutions (1x)</i>	No.	1	R	R
B.14.1.2	Double gang light switch – 1 way <i>At entrance.</i>	No.	2	R	R
B.14.1.3	Single wall plug. Capacity 2000W <i>1800mm high above the hydroboil and 200mm high under the desk.</i>	No.	2	R	R
B.14.1.4	Double wall plug. Capacity 3000W. <i>To be mounted 1.80m on Duty room wall to serve the toilet hand dryer and the wall mounted fan.</i>	No.	1	R	R
B.14.2	LIGHT FITTINGS, LUMINAIRES & EQUIPMENT				
	<i>All fixtures complete with tubes</i>				
B.14.2.1	Twin TUBE (2 x 25W) vapour proof T8 fixture (1.2m long) with lens, continuous gasket and lens clips. Example: Voltex C2 IP65 C2-218-ELB. <i>For the veranda outside</i>	No.	2	R	R
B.14.2.2	Twin TUBE (2 x 25W) T8 fixture (1.2m long) with lens/prismatic diffuser, Example: WACO fluorescent fitting t8 2x18w surface mount ELB prismatic diffuser. <i>For the duty room and Toilet</i>	No.	4	R	R
Total Carried Forward To Summary >>				R	


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ITEM #		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.14.3		ELECTRICAL EQUIPMENT				
B.14.3.1		Oscillating wall mounted fan - 350-400mm diameter (supply + installation)	No.	1		
B.14.4		DISTRIBUTION BOARD				
B.14.4.1		<i>Supply & installation of pre-populated surface or flush mounted distribution board with:</i> - 1 x Double Pole 40A Main Isolator - 1 x Double Pole 40A Earth Leakage - 2 x Single Pole 10A Circuit Breaker (lights) - 1 x Single Pole 20A Circuit Breaker (plugs) - 1 x Busbar, Neutral bar and Earth bar To be mounted at 1.80m height	No.	1	R	R
B.14.5		ELECTRICAL CONNECTIONS				
B.14.5.1		Allow for all required electrical connections (cables, etc) from isolator to units.	Sum	1	R	R
B.14.6		CERTIFICATE OF COMPLIANCE (COC)				
B.14.6.1		Certificate of compliance in accordance with Regulation 7(1) of the Electrical Installation Regulations of 2020, including ECB test rapport, issued by an electrician registered with the Dept. of Labour.	Sum	1	R	R
B.14.7		CONNECTION TO THE GRID				
B.14.7.1		Linking up of the DB board to the existing grid access point at the gate	Sum	1	R	R
Total Carried Forward To Summary >>					R	



CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 17

ITEM #		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.15		PLUMBING & DRAINAGE				
B.15.1		BATHROOM FITTINGS & ACCESSORIES				
B.15.1.1		6mm silvered float glass copper backed mirrors with bevelled edges 400 x 400mm. Including wall mounting fittings. – For toilet, bath room, surgical, consultation and theatre room	No.	2	R	R
B.15.1.2		Stainless steel (min. 1.2mm) wall-mountable soap dispenser, 0.7-1.0L, satin finish, with inspection window, with pull lever for elbow operation. For toilet, bath room, surgical, consultation & theatre room	No.	1	R	R
B.15.1.3		Stainless steel wall mountable manual paper towel dispenser for rolled hand towels. With cutting mechanism. Must be able to hold rolls of 200mm.	No.	1	R	R
B.15.1.4		Touch free electronic stainless steel warm air hand dryer. For wall mounting. Infrared sensor activity for non-touch operation, adjustable sensor distances, automatic. Max. 1500W.	No.	1	R	R
B.15.1.5		Slimline foot operated sanitary bins 12 – 15L. Polypropylene, 140-160mm wide	No.	1	R	R
B.15.2		SANITARY FITTINGS				
B.15.2.1		<i>Wash basins (vitreous china)</i>				
B.15.2.1.1		Wall hung white vitreous china basin With 40mm waste hole and one hole for tap and one for plug." Vaal Hibiscus" (code 7023) with Two in Male & two in Female ablutions. Complete with steel mounting brackets & bolts.	No.	2		R
B.15.2.1.2		Mounting brackets and bolts for basins B.17.2.1.Set of 2	No.	2		R
B.15.2.2		<i>Vitreous china toilet bowls</i>				
B.15.2.2.1		Vitreous china close-coupled 90° outlet open rim front single flush toilet suite – White- complete with lid and fitments Example: Vaal Hibiscus Elite FFCC suite.	No.	2		R
Total Carried Forward To Summary >>					R	



CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 18

ITEM #		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.15.3		DROP IN SINKS				
B.15.3.1		Stainless steel (austenitic, polished) single bowl drop in sink and drainer. Dimensions: 1000mm(L) x 450-500mm (W) x 150-170mm (D). Including sink mixer tap (chrome), installation and connection to grey waste pipe.				
B.15.4		WASTE UNIONS ETC				
B.15.4.1		<i>Waste unions for hand basins and sinks</i>				
B.15.4.1.1		32mm chrome plated waste union. With plug & chain. For ceramic basins B.17.2.1 and B.17.2 2. Example: Cobra Watertech. Ref 301	No.	2	R	R
B.15.5		TRAPS, VALVES, ETC				
B.15.5.1		Chrome plated 32mm bottle trap for wash basin. Cobra Water tech ref 301 or equivalent	No.	2	R	R
B.15.5.2		15mm x 300mm Flexible couplings For toilet cisterns, hand basins and sink	No.	5	R	R
B.15.5.3		Chrome plated brass basin mixer w/ fittings With flow restrictor up to 5 or 6 L/minute. Diameter: 45-55mm. Inlet 15mm. Height: 130-160mm. Example: Cobra Taryn basin mixer	No.	1	R	R
B.15.6		SANITARY PIPE WORK				
B.15.6.1		All 40/50mm PVC pipes, (straights, bends, joints) required for the drainage of grey water from the sink and basin to bypass the septic tank into the French drain	Sum	1	R	R
B.15.6.2		PVC 110mm pipe (straights and bends) to connect the toilets to the septic tank (approximately 15-20m)	Sum	1	R	R
B.15.7		WATER SUPPLY				
B.15.7.1		Supply & installation of Polycop pipe, fixings etc, to the guard house (app. 10-15m)	Sum	1	R	R
B.15.7.2		Supply and installation of Class 2 copper pipes and tees (15mm) – App. 25-30m	Sum	1	R	R
B.15.8		TESTING				
B.15.8.1		Pressure testing of the water supply, plumbing and sanitary installation	Sum	1	R	R
Total Carried Forward To Summary >>					R	



CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 19

ITEM #		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.15.9		SEPTIC TANK & DRAIN FIELD				
B.15.9.1		Excavate in all materials ≤ 2m deep and use for Backfill and dispose of excess materials. a) <i>Septic tank excavation:</i> 2.0m x 2.0m(w) x 2.0m(d) = 8.0m ³ b) <i>Trenches sewer lines between building & septic tank:</i> 25m x 400mm x 600mm = 6m ³ . See Drawing 8: DRA/RDN/2021/080	Sum	1	R	R
B.15.9.2		Supply & install prefabricated plastic ribbed horizontal septic tank 1000-1500L. Including fittings, installation.	Sum	1	R	R
B.15.9.3		Installation of a septic drain field with dispersal drains in the form of perforated pipes enveloped in gravel. <u>Specifications:</u> <ul style="list-style-type: none"> Two 110mm drainage lines of 5m length 2.0m apart and connecting foot drain. Pipe laid with perforations facing downwards. Slope: app. 1.5-2.0% 110mm pipes laid on 300mm of 30-50mm aggregate (1.5m³) and enveloped in 150mm of 9mm stone (1.3m³) up to 50mm above the pipe. Trenches 400mm wide and 600mm deep. Trenching volume below tank: 18m x 0.4 x 0.6 = 4.3m³ Top of 19mm stone filter to be covered with geotextile (25m²). Trench to be closed with 150-200mm of soil. Price to include pipes, geotextile, stone and fittings. 	Sum	1	R	R
B.15.10		WATER TANK				
B15.10.1		<i>Supply & Installation of SABS approved plastic water tank.</i>				
B15.10.1.1		Supply and installation of a 2200-2600L LLDPE, UV stabilized drinking water tank. To be supplied with at least a 40mm inlet connector at the top, a 40mm outlet connector at the bottom, and a 450mm lid. The tank must be connected to roof gutters, and be securely mounted on, and loosely fixed to, the block stand with twisted wires.	No.	1	R	R
Total Carried Forward To Summary >>					R	



CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 20

ITEM #		DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B.16		MISCELLANEOUS				
B.16.1		1 x 9kg DCP firefighter extinguisher. With bracket and signage. <i>To be mounted on the wall outside on the veranda</i>	No.	1	R	R
B.16.2		Regulation 3 (excludes spillage kit) First aid kit in metal box not wider than 230mm to fit in lockers. E.g. First Aider or Clinihealth.	No.	1	R	R
B.16.3		2 Doors Heavy Duty Steel Lockers 1800mm(H) x 300mm(W) x 450mm(D) with hasp & staple for padlock. One of the lockers can hold the first aid kit	No.	1	R	R
B.16.4		Rick stacker side/office chairs without arms. Square tubing frame, powder coated, chip foam seat and medium density foam back. Black.	No.	2	R	R
B.16.5		Stainless steel pedal operated waste bins (30L) for veterinary use.	No.	1	R	R
B.16.6		Coat Hook, Satin Nickel, Zinc Alloy, each with 3 Hooks. Including fasteners and installation inside the change cubicle at 150mm centres, 1.80m high.	No.	4	R	R
Total Carried Forward To Summary >>					R	

**CONSTRUCTION OF A GUARD HOUSE | PRICING SCHEDULE | PAGE 21****SUMMARY OF SCHEDULES**

LINE NO.	BOQ PAGE NO.	DESCRIPTION	AMOUNT
		SECTION A - PRELIMINARY & GENERAL	
1	1	FIXED CHARGE/TIME RELATED ITEMS	R
2	2	SUMS STATED PROVISIONALLY BY THE ENGINEER	R
		SECTION B – EARTHWORKS & CONCRETE	
3	3	EARTHWORKS	R
4	4	EARTHWORKS / CONCRETE WORKS	R
5	5	MASONRY	R
6	6	MASONRY	R
7	7	MASONRY/ PAINTING	R
8	8	PAINTING	R
9	9	ROOF STRUCTURE/COVERING/INSULATION	R
10	10	GUTTERS/CARPENTRY & JOINERY	R
11	11	JOINERY	R
12	12	CUPBOARDS	R
13	13	IRONMONGERY/ WINDOWS	R
14	14	CEILINGS/GLAZING	R
15	15	ELECTRICAL WORKS- SWITCHES/SOCKETS/LIGHT FITTINGS	R
16	16	ELECTRICAL WORKS- ELECTRICAL EQUIPMENT, COC	R
17	17	PLUMBING & DRAINAGE – BATHROOM & SANITARY FITTINGS	R
18	18	PLUMBING & DRAINAGE – WASTE UNIONS/WATER SUPPLY	R
19	19	SEPTIC TANK & DRAINAGE FIELD/WATER TANK	R
20	20	MISCELLANEOUS	R
21		SUBTOTAL. BRING FORWARD TO ANNEXURE A IN FRONT	R

**ANNEXURE B****CONTRACTOR'S HEALTH AND SAFETY DECLARATION**

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)

**ANNEXURE C1 | ADDITIONAL INFORMATION - EXPERIENCE**

Please indicate your experience and expertise by completing the table.

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					

**ANNEXURE C2 | ADDITIONAL INFORMATION - SUBCONTRACTED WORKS**

Please list which parts of the works will be sub-contracted.

NO.	SUB CONTRACTOR WITH CONTACT DETAILS	ASSOCIATED WORKS
1		TRUSSES
2		REGISTERED ELECTRICIAN
3		
4		
5		
6		

**ANNEXURE D****DRAWINGS**

LIST OF DRAWINGS			
NUMBER	REFERENCE	TITLE	PAGE
DR01	OTH/RDN/2021/073	GUARDHOUSE KOKSTAD RS – FLOORPLAN	52
DR02	OTH/RDN/2021/073	GUARDHOUSE KOKSTAD RS – LONG ELEVATIONS	53
DR03	OTH/RDN/2021/073	GUARDHOUSE KOKSTAD RS – SHORT ELEVATIONS	54
DR04	OTH/RDN/2021/073	GUARDHOUSE KOKSTAD RS – FOUNDATIONS	55
DR05	OTH/RDN/2021/073	GUARDHOUSE KOKSTAD RS – ROOFSTRUCTURE – TOP VIEW	56
DR06	OTH/RDN/2021/073	GUARDHOUSE KOKSTAD RS – CROSS SECTION	57
DR07	OTH/RDN/2021/073	GUARDHOUSE KOKSTAD RS – ELECTRICAL	58
DR08	OTH/RDN/2021/073	GUARDHOUSE KOKSTAD RS – SEPTIC TANK	59

1) ALL WINDOWS TO BE EQUIPPED WITH METAL MUSQUITO MESH"

KZN DEPARTMENT
OF AGRICULTURE &
RURAL DEVELOPMENT



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

CHECKED FOR K7NDARD

PR. ENGINEER DATE

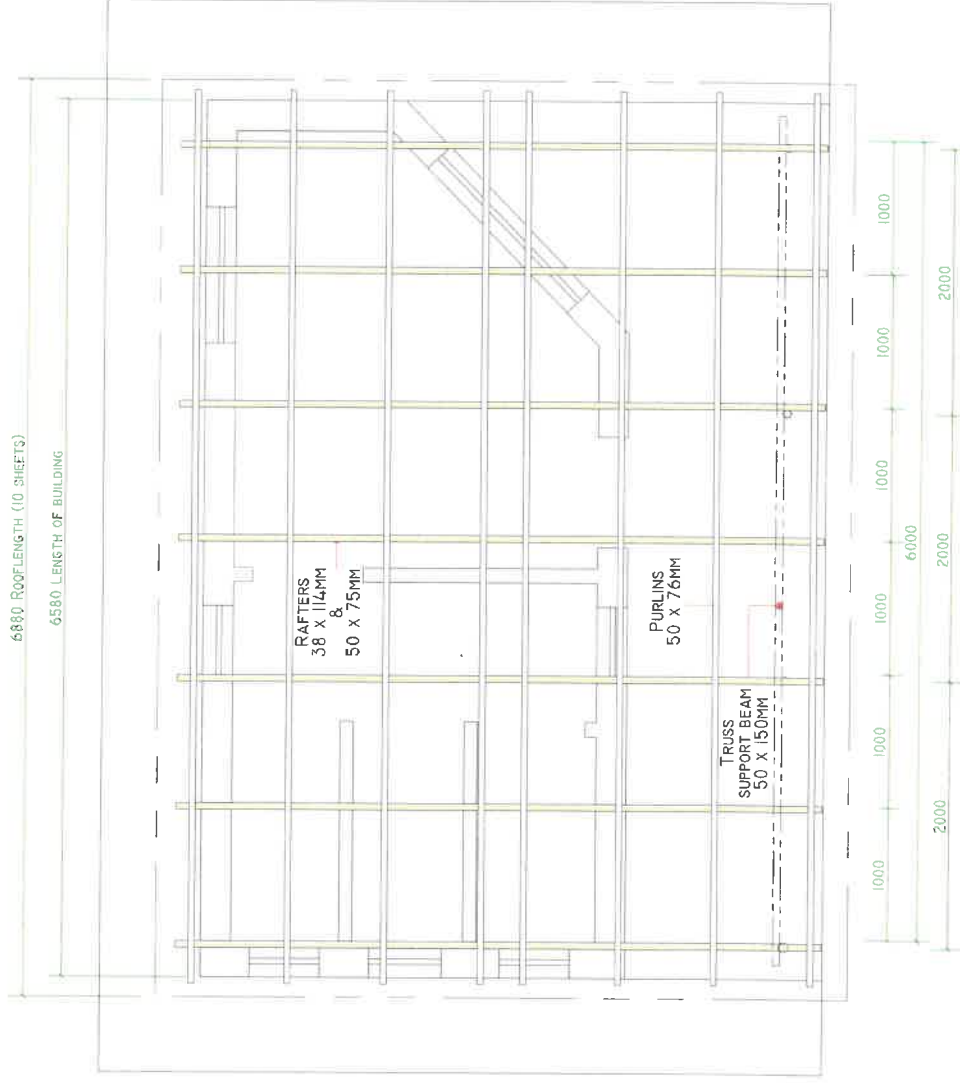
CLIENT:

GUARDHOUSE
KOKSTAD RS

ROOF STRUCTURE
TOP VIEW

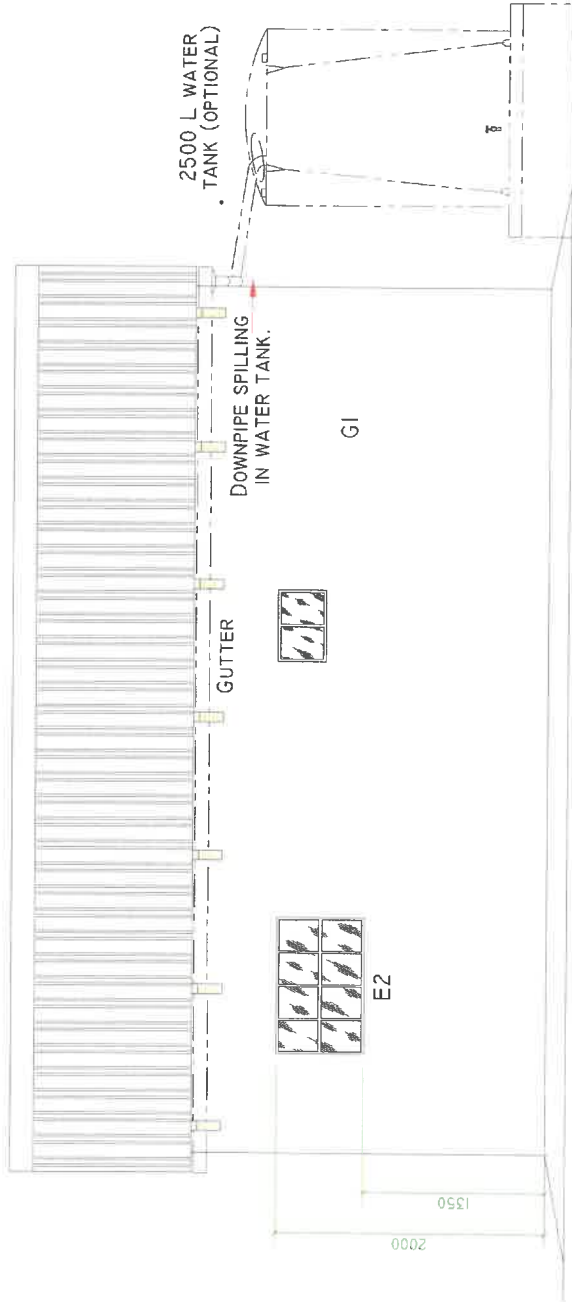
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DATE	29/10/2021	DESIGNED	R. DE NEEF
SCALE	1 : 40 (A3)	CHECKED	

DRAWING REFERENCE	CAT.	INITIALS	YEAR	SEQ.N
	0	T H	R D N	2021
				07





FRONT



BACK

REVISIONS		
NO.	DATE	DESCRIPTION

KZN DEPARTMENT
OF AGRICULTURE &
RURAL DEVELOPMENT



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

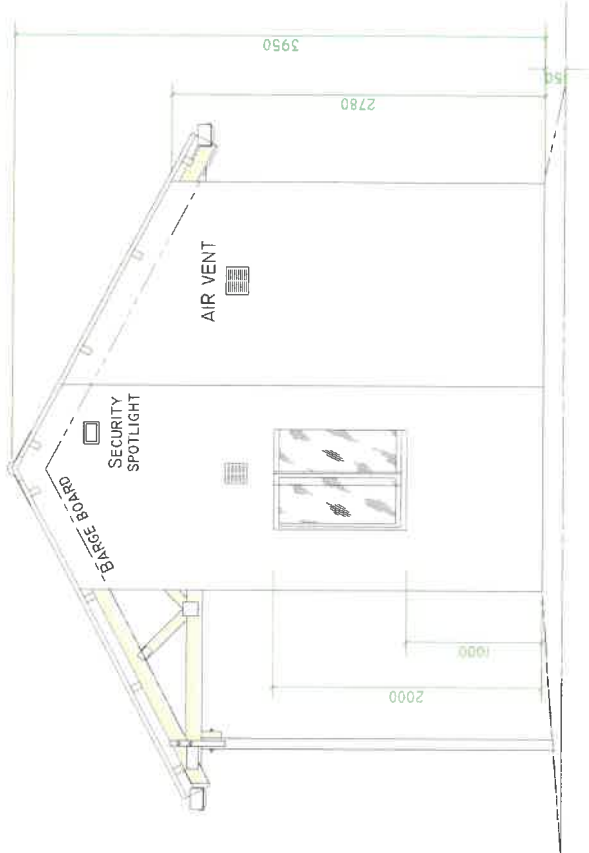
CHECKED FOR KZN BOARD
DATE
P.N. ENGINEER
DATE
CLIENT:

DRAWING 2

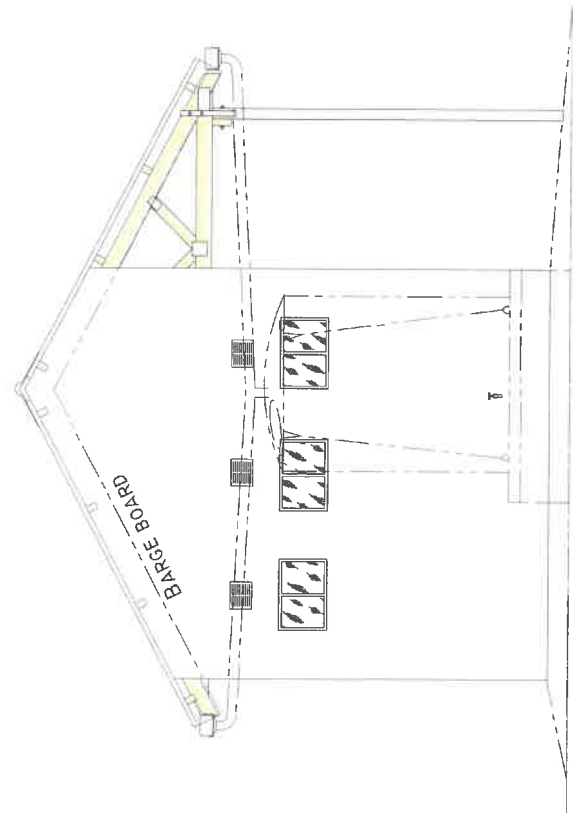
GUARDHOUSE
KOKSTAD RS

LONG ELEVATIONS

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DATE	29/07/2022	DESIGNED	P. DE NEEF
SCALE	1 : 100 (A3)	CHECKED	
DRAWING REFERENCE	01THRDIN2	YEAR	2021
SERIAL NO	07		



DUTY ROOM SIDE



ABLUTION SIDE

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 KZINDARD
PR. ENGINEER
DATE

CURRYT

DRAWING 3

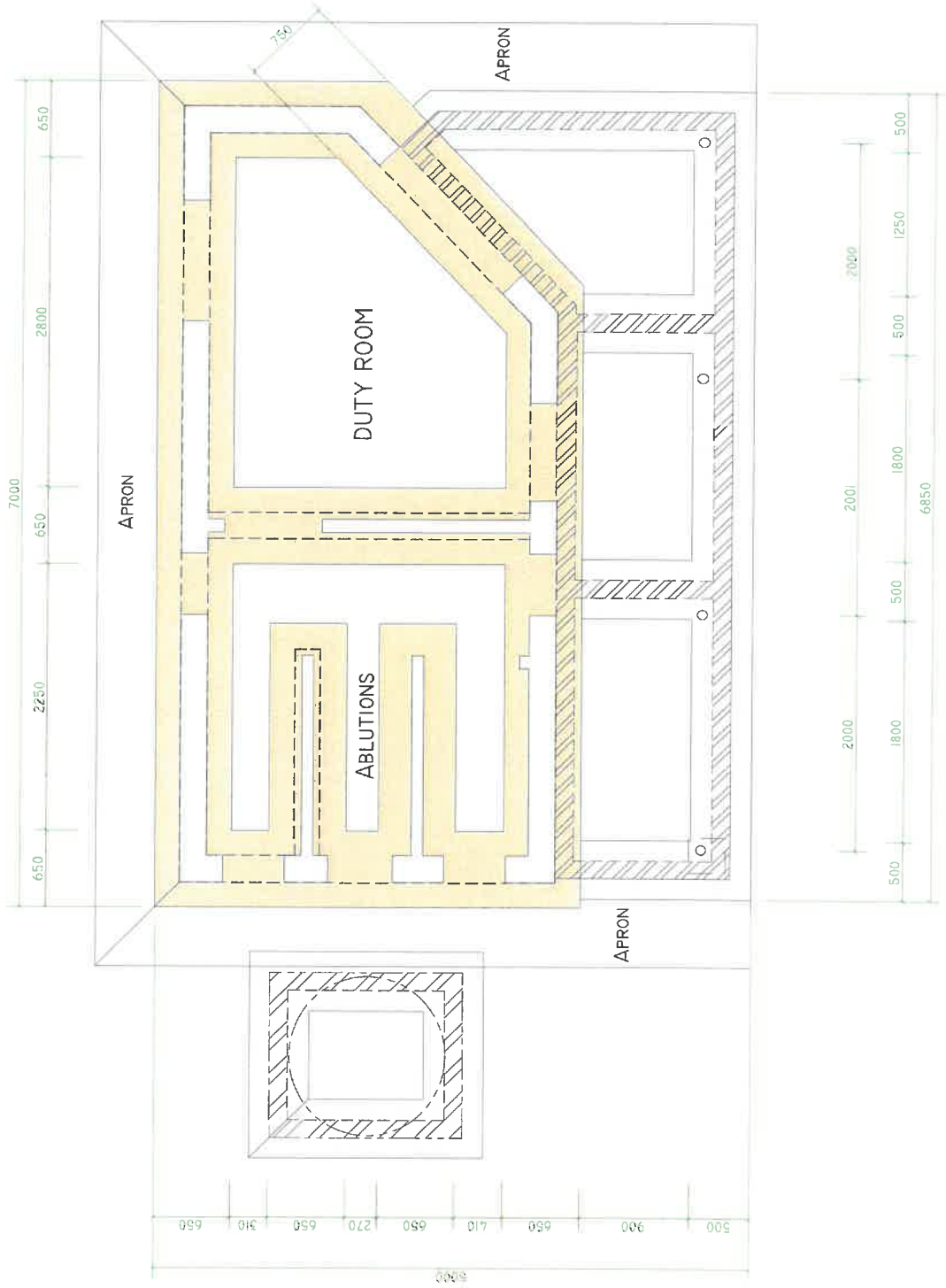
GUARDHOUSE
KOKSTAD RS

SHORT ELEVATIONS

DRAWN	R. DE NEEF	SURVEYED
DATE	29/07/2022	DESIGNED
SCALE	1 : 40 (A3)	CHECKED
DRAWING	CAT.	INITIALS
REFERENCE	017HRDIN2021075	SIGN NO.

KEY

KEY	500 X 200MM STRIP FOUNDATION WITH M150 BLOCK FOUNDATION WALL	650 X 250MM STRIP FOUNDATION WITH FULL BRICK CEMENT BRICK FOUNDATION WALL
	M150 BLOCKS ON TOP OF STRIP FOUNDATION	DOUBLE BRICK CEMENT BRICK FOUNDATION WALL



FOUNDATIONS

REVISIONS		
NO	DATE	DESCRIPTION
BY	CHECKED	

KZN DEPARTMENT
OF AGRICULTURE &
RURAL DEVELOPMENT



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

CHECKED FOR KZNDOARD

PR. ENGINEER DATE

CLIENT

DRAWING 4

GUARDHOUSE
KOKSTAD RS

FOUNDATIONS

DRAWN	R. DE NEEF	UNREVIEWED
DATE	29/10/2021	DESIGNED
SCALE	1:40 (AS)	CHECKED
DRAWING REFERENCE	01	THIRD
YEAR	2021	07
NO	6	

1) ALL WINDOWS TO BE EQUIPPED WITH METAL MUSQUITO MESH

[illegible]

ENGINEERING SERVICES

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

CHECKED FOR KZNDARD

PR. ENGINEER DATE

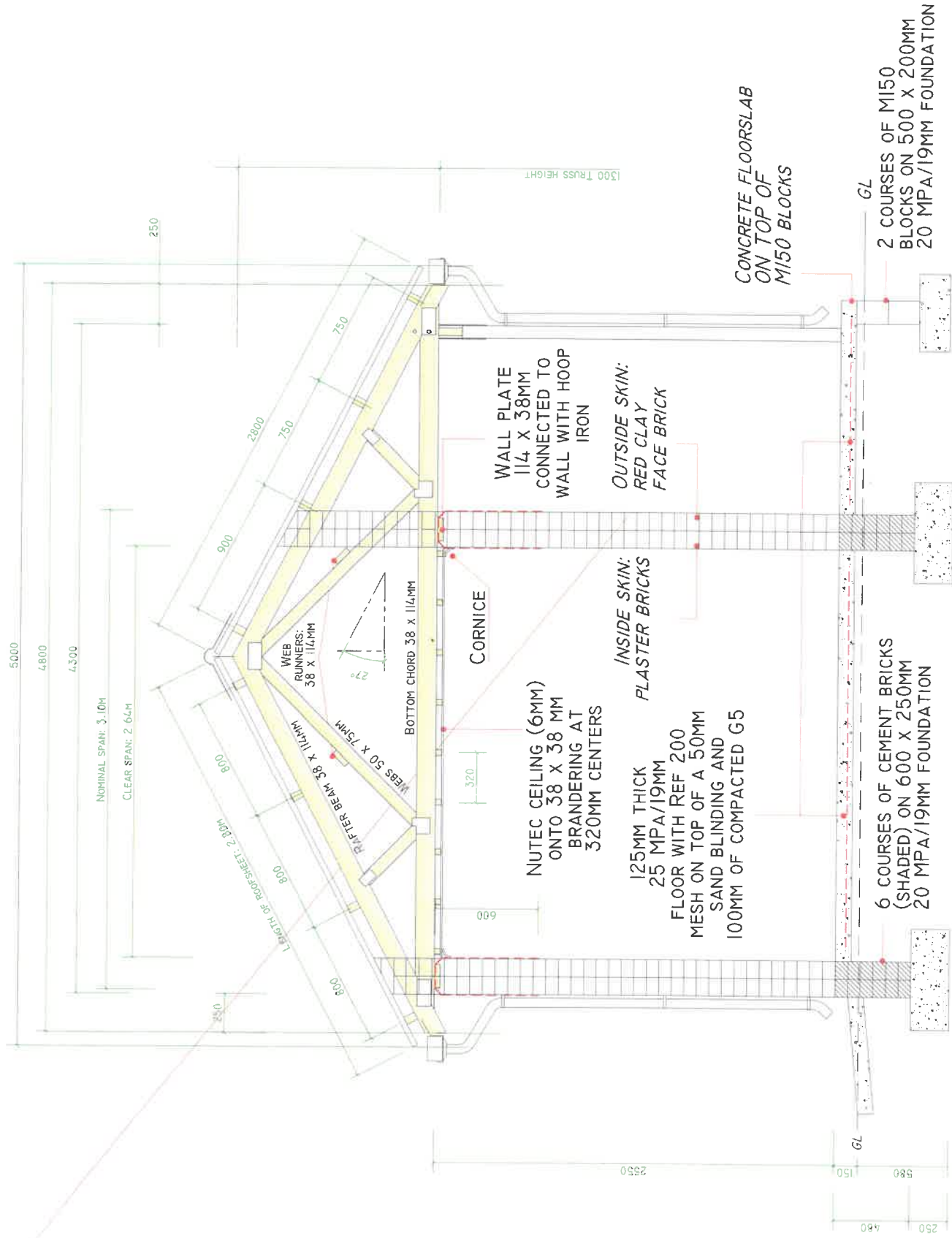
CLIENT:

DRAWING 6

GUARDHOUSE
KOKSTAD RS

CROSS SECTION

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DATE	29/10/2021	DESIGNED	R. DE NEEF
SCALE	1 : 25 (A3)	CHECKED	
DRAWING REFERENCE	CAT	INITIALS	YEAR
	0	T H R D N	2021
			078



CROSS SECTION SHOWING FOUNDATIONS AND TRUSSES

NOTES

1) ALL WINDOWS TO BE EQUIPPED WITH METAL MOSQUITO MESH

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 KZINDARD

PR. ENGINEER

DATE

CLIENT

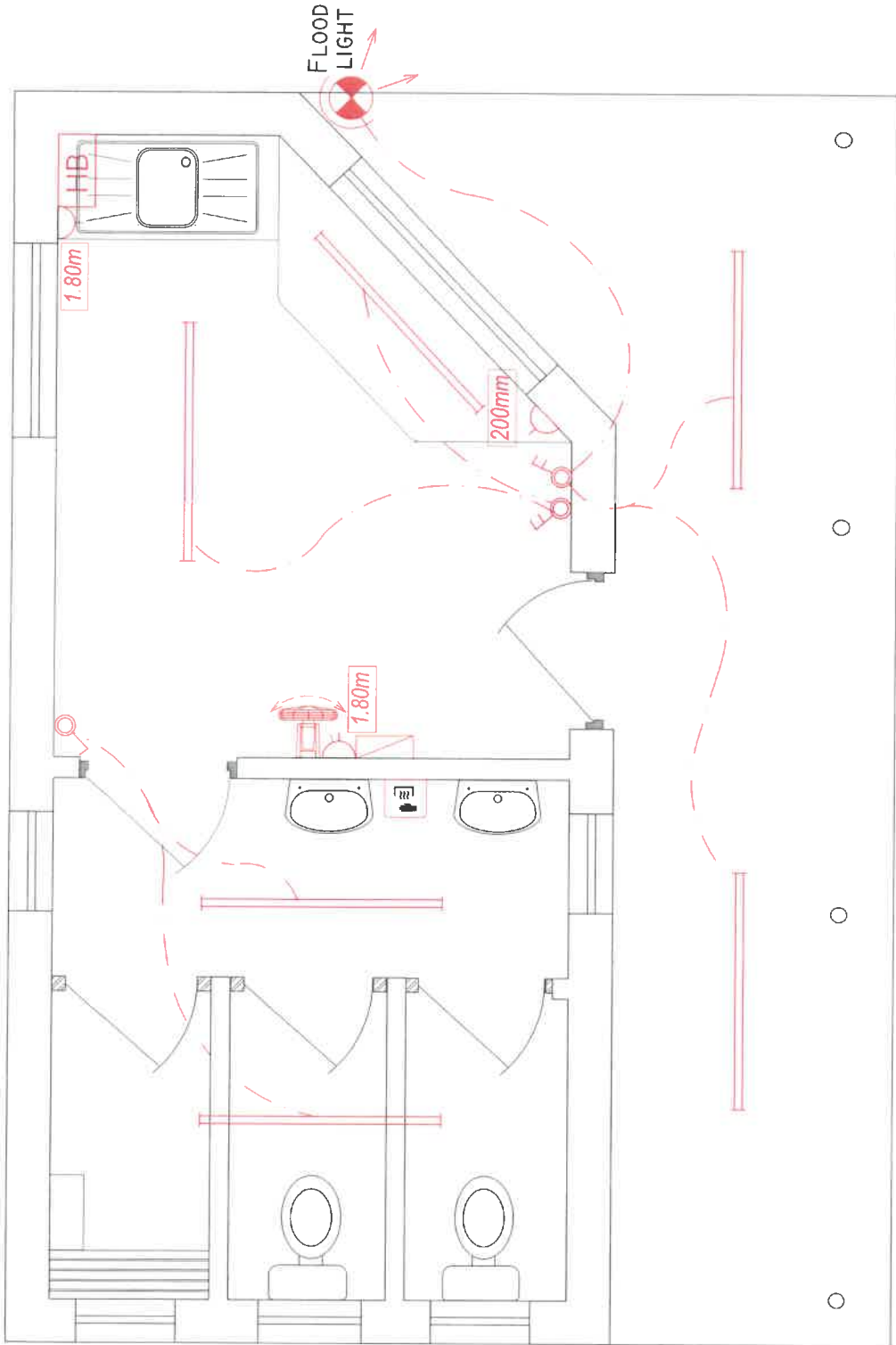
DRAWING 7

GUARD
HOUSE
KOKSTAD
RS

ELECTRICAL

DRAWN	R DE NEEF	UNREVISED
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SCALE	1 : 25 (A3)	CHECKED

DRAWING	CAT.	INITIALS	YEAR	SEG NO.
REFERENCE	0	T	H	R



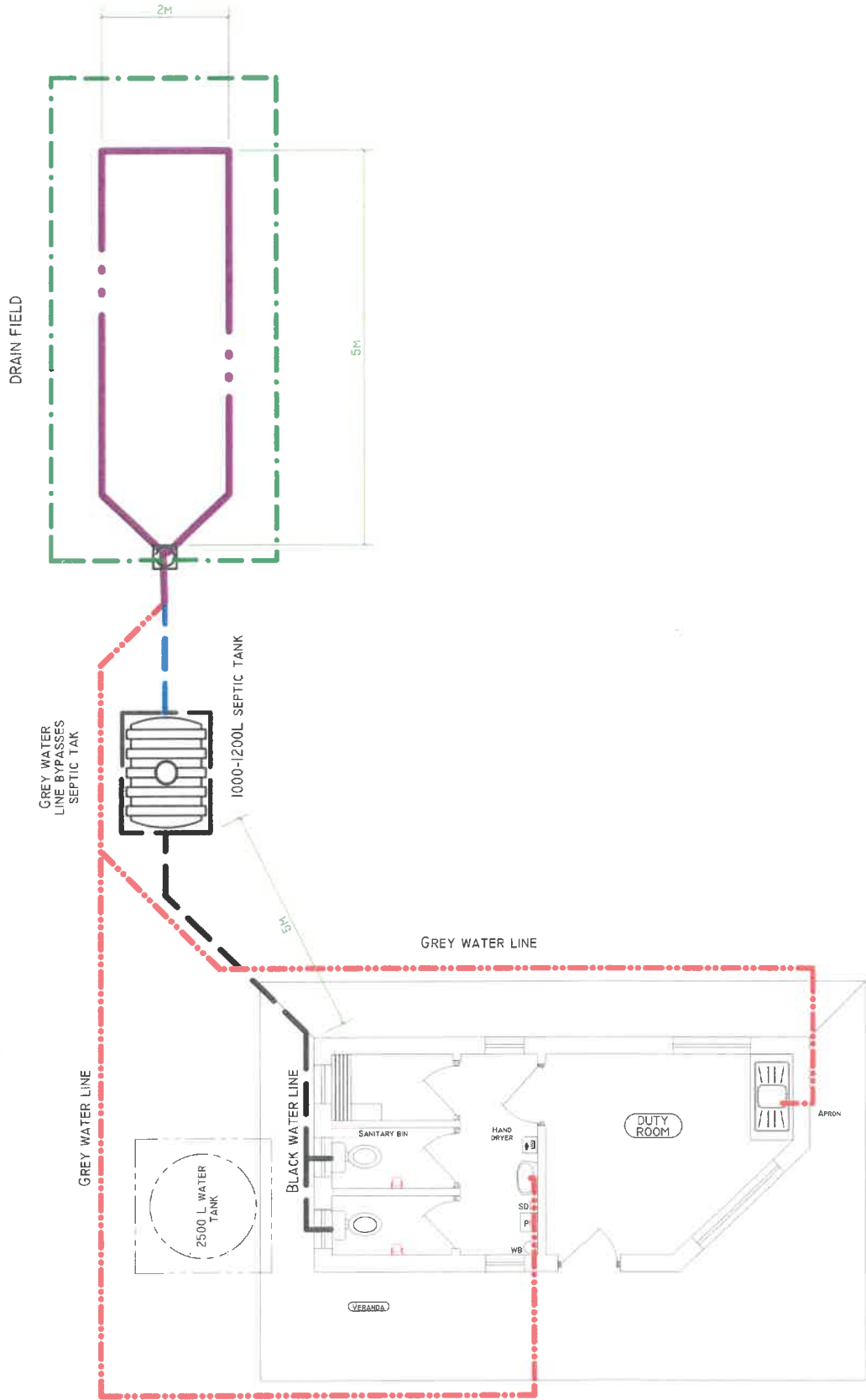
PLAN SHOWING ELECTRICAL FITTINGS AND FIXTURES

KEY

DOUBLE LIGHT SWITCH	T8 LIGHT FIXTURE	INSTALLATION HEIGHT 1.80m	SINGLE WALL SOCKET	DISTRIBUTION BOARD
SINGLE LIGHT SWITCH	INSTANT OVER-BASIN HOT WATER GEYSER (10L)	DOUBLE WALL SOCKET	WALL MOUNTED FAN (OSCILLATING)	FLOOD LIGHT
	HB			



DRAWN	R DE NEEF	UNVEYED	
DATE	29/10/2021	DESIGNED	R DE NEEF
SCALE	1 : 40 (A3)	CHECKED	
DRAWING REFERENCE		CAT.	INITIALS
		0 T H R D N	2021 073



REVISIONS			
NO	DATE	DESCRIPTION	BY

KZN DEPARTMENT
OF AGRICULTURE &
RURAL DEVELOPMENT



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

CHECKED FOR KENDARD	DATE
PM ENGINEER	

CLIENT	
--------	--

DRAWING 8

GUARDHOUSE
KOKSTAD RS

SEPTIC TANK

DRAWN	R. DE NEEF	UNREVIEWED	
DATE	05/11/2021	DESIGNED	R. DE NEEF
SCALE	1:60 (A3)	CHECKED	
DRAWING REFERENCE	CAT	INITIALS	YEAR
DR	ARD	N	2021
0	8		

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.

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 the appropriate authority to undertake remunerative work outside employment in the public sector? YES / NO

2.7.2.1 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.

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

.....

.....

.....

2.8 Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months? YES / NO

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?

2.10.1 If so, furnish particulars.

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

[illegible]

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.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

November 2011

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	<p>Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?</p> <p>(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied).</p> <p>The Database of Restricted Suppliers now resides on the National Treasury's website(www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	<p>Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?</p> <p>The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.2.1	If so, furnish particulars:		
4.3	Was the bidder or any of its directors convicted by a court of law (including a court 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:
-------	-----------------------------

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

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 *pe 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.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:

(Bid Number and Description)

in response to the invitation for the bid made by:

(Name of Institution)

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

I certify, on behalf of: _____ that:
(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:

- (a) ~~has been requested to submit a bid in response to this bid invitation;~~
- (b) ~~could potentially submit a bid in response to this bid invitation, based on~~
their qualifications, abilities or experience; and
- (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder

6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - (a) prices;
 - (b) geographical area where product or service will be rendered (market allocation)
 - (c) methods, factors or formulas used to calculate prices;
 - (d) the intention or decision to submit or not to submit, a bid;
 - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
 - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

³ Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

.....
Signature

.....
Date

.....
Position

.....
Name of Bidder

Js914w 2

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.

2. DEFINITIONS

- (a) **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **"B-BBEE status level of contributor"** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **"bid"** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **"EME"** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **"functionality"** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **"prices"** includes all applicable taxes less all unconditional discounts;
- (h) **"proof of B-BBEE status level of contributor"** means:
 - 1) B-BBEE Status level certificate issued by an authorized body or person;
 - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
 - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) **"QSE"** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **"rand value"** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

3. POINTS AWARDED FOR PRICE

3.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

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

80/20

or

90/10

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

P_s = Points scored for price of bid under consideration

P_t = Price of bid under consideration

P_{\min} = Price of lowest acceptable bid

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

- 4.1 In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

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/lp.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:

Description of services, works or goods

Stipulated minimum threshold

Construction of guard house

100 %

See attached breakdown

____ %

____ %

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.

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:

[illegible]

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:

[illegible]

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

Tender No.	Tender description:	Designated product(s)	Tender Authority:	Tendering Entity name:	Tender Exchange Rate:	Specified local content %
------------	---------------------	-----------------------	-------------------	------------------------	-----------------------	---------------------------

(C7) Specified local content %

113

113

666

Note: VAT to be excluded from all calculations

[illegible]

Signature of tenderer from Annex B

Date: _____

Tender summary			
Tender Qty	Total tender value	Total exempted imported content	Total Imported content
(C16)	(C17)	(C18)	(C19)
der value			
total Exempt imported content			
t of exempt imported content			
	(C23) Total Imported content		
	(C24) Total local content		
	(C25) Average local content % of tender		

(D1)	Tender No.	
(D2)	Tender description:	
(D3)	Designated Products:	
(D4)	Tender Authority:	
(D5)	Tendering Entity name:	
(D6)	Tender Exchange Rate:	Pula

Note: VAT to be excluded from all calculations

EU	R 9,00
----	--------

GBP R 12.00

[illegible]

(D19) Total exempt imported value

This total must correspond with
Annex C - C21

[illegible]

(D32) Total Imported value by tenderer

[illegible]

(D45) Total Imported value by 3rd party

D. Other foreign currency payments			Calculation of foreign currency payments	
Type of payment	Local supplier making the payment	Overseas beneficiary	Foreign currency value paid	Tender Rate of Exchange
(D46)	(D47)	(D48)	(D49)	(D50)

Signature of tenderer from Annex B

Date:

(D52) Total of foreign currency payments declared by tenderer and/or 3rd party

(D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above

This total must correspond with
Annex C - C 23

(E1)	Tender No.	
(E2)	Tender description:	
(E3)	Designated products:	
(E4)	Tender Authority:	
(E5)	Tendering Entity name:	

Local Products (Goods, Services and Works)	Description of items purchased	Local suppliers	Value
	(E6)	(E7)	(E8)
(E9) Total local products (Goods, Services and Works)			

(E12) Administration overheads and mark-up (Marketing, insurance, financing, interest etc.)

This total must correspond with Annex C - C24

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:

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: