National Research Foundation

Tender No NRF SARAO SKA1-001-2020

The Design, Construction and Handover of the Infrastructure for the MeerKAT Extension Project, near Carnarvon in the Northern Cape.

PROCUREMENT DOCUMENT
(Based on NEC4 Engineering and Construction Contract (ECC4))

FEBRUARY 2020

Issued by: NRF SARAO

Prepared by: Hendrik Hurter

Contact:
Name: Hendrik Hurter
Telephone: 021 506 7300 ext. 7435

Name of tenderer: .................................................................
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National Research Foundation

SSA4003-0007

The Design, Construction and Handover of the Infrastructure for the MeerKAT Extension Project, near Carnarvon in the Northern Cape.

T1  Tendering procedures

T1.1  Tender Notice and Invitation to Tender

The National Research Foundation invites tenders for the Design, Construction and Handover of the Infrastructure for the MeerKAT Extension Phase of the SKA1_MID Project of the SKA Instrument at the SARAO Karoo site for the SKA Project, near Carnarvon in the Northern Cape.

It is estimated that tenderers should have a CIDB contractor grading designation of 9CE or 9EP or higher.

Tenderers who are minimum B-BBEE status level 4 contributors, and undertake to subcontract a minimum of 30% of the Construction value excluding major equipment and materials to:

- Local EME’s or
- Local QSE’s,

are prequalified to submit tender offers in accordance with the provisions of the Preferential Procurement Regulations 2017. EME’s or QME’s are considered local if they are resident in the surrounding towns within a radius of 150km from the project site. If suitable EME and QSE contractors cannot be found within this area, they may be procured from the Northern Cape.

Only tenderers who are registered South African based companies with a proven track record in construction related projects, are eligible to submit tenders.

Tender documents may be downloaded from the Employer’s website; www.sarao.ac.za/tenders from 28 February 2020

A link to download all reference and applicable documents to the SOW will be supplied at the first compulsory tender briefing.

Queries relating to the issuing of these documents may be addressed in writing to Ms N. Mthembu, email nmthembu@ska.ac.za.

A compulsory clarification meeting (documentation) with representatives of the Employer will take place at The Auditorium, SARAO Cape Town Office, 2 Fir Street, Old Times Media Building, Black River Park North Entrance, Observatory (Coordinates: 33°55’58.9” South; 18°28’14.8” East) on 09 March 2020 starting at 10h00.

A further compulsory clarification meeting (site conditions) will be held on site at the SKA site complex, Losberg. Directions: Take the R63 from Carnarvon in the direction of Williston. Then, 11.4km West of the town of Carnarvon turn right on to the provincial road P02996. Follow this road for 65 km and turn left to the SKA security check point. Sign in at security and proceed to the Karoo Array Processor Building (KAPB). (Coordinates: 30°45’14.48” South, 21°25’53.71” East) on 11 March 2020 starting at 10h30.

Confirmation of attendance to be confirmed at least two (2) full working days in advance with Me N. Mthembu by e mail: nmthembu@ska.ac.za

The closing time for receipt of tenders is at 11h00 on Friday, 17 April 2020. Telephonic, facsimile, e-mail and late tenders will not be accepted.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.
T1.2 Tender Data

The conditions of tender are those contained in the latest edition of SANS 10845-3, *Construction Procurement – Part 3: Standard conditions of tender*.

SANS 10845-3 makes several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the provisions of SANS 10845-3.

Each item of data given below is cross-referenced to the clause in SANS 10845-3 to which it mainly applies.

<table>
<thead>
<tr>
<th>Clause number</th>
<th>Tender Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1</td>
<td>The Employer is the <strong>National Research Foundation</strong> through the National Facility responsible for this contract, SARAO</td>
</tr>
<tr>
<td>3.2</td>
<td>The tender documents issued by the employer comprise the documents listed on the contents page</td>
</tr>
</tbody>
</table>
| 3.4           | The employer’s agent (and the Project Manager for the Contract in terms of NEC4) is:  
Name: Hendrik Hurter  
Address: SARAO, Old Times Media Building, 2 Fir Street, Observatory, Cape Town, South Africa, 7925  
Tel: 021 506 7300  
E-mail: hhurter@ska.ac.za |
| 3.4           | The language for communications is English |
| 3.6           | Option1 of the CIDB Standard, August 2019 shall apply. This is a two-stage system. The tenderers shall submit Technical and Financial Tenders in two separate packages. The financial tender shall only be opened once the technical tender is found acceptable. |
| 4.1           | Tenderers who are minimum B-BBEE status level 4 contributors, and undertake to subcontract a minimum of 30% of the Construction value excluding major equipment and materials to:  
• Local EME’s or  
• Local QSE’s,  are prequalified to submit tender offers in accordance with the provisions of the Preferential Procurement Regulations 2017.  
Tenderers shall employ unskilled labour only from local sources. SARAO as well as the local municipalities has an unskilled labour data base that shall be used for employment purposes.  
EME’s or QME’s and unskilled labour are considered local if they are resident in the surrounding towns within a radius of 150km from the project site. If suitable EME and QSE contractors cannot be found within this area, they may be procured from elsewhere within the Northern Cape. |
<table>
<thead>
<tr>
<th>Clause number</th>
<th>Tender Data</th>
</tr>
</thead>
</table>
| 4.2          | Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, for a 9CE or 9EP class of construction work, are eligible to have their tenders evaluated.  

Joint ventures are eligible to submit tenders provided that:  
1. every member of the joint venture is registered with the CIDB;  
2. the lead partner has a contractor grading designation in the CE or EP class of construction work; and  
3. the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a 9CE or 9EP class of construction work or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations. |
| 4.7          | The arrangements for compulsory clarification meetings are as stated in the Tender Notice and Invitation to Tender.  

Tenderers must sign the attendance list in the name of the tendering entity. Addenda will be issued to, and tenders will be received only from, those tendering entities appearing on the attendance list. |
| 4.8          | The Tenderer shall request clarification no later than 10 days before the close of the Tender. |
| 4.12         | If a tenderer wishes to submit an alternative tender offer, the only criteria permitted for such alternative tender offer is that it demonstrably satisfies the employer’s standards and requirements, the details of which may be obtained from the employer’s agent. No tender offers, including alternatives, shall be accepted post tender closure.  

Calculations, drawings and all other pertinent technical information and characteristics as well as modified or proposed Pricing Data must be submitted with the alternative tender offer to enable the employer to evaluate the efficacy of the alternative and its principal elements, to take a view on the degree to which the alternative complies with the employer’s standards and requirements and to evaluate the acceptability of the pricing proposals. Calculations must be set out in a clear and logical sequence and must clearly reflect all design assumptions. Pricing Data must reflect all assumptions in the development of the pricing proposal.  

Acceptance of an alternative tender offer will mean acceptance in principle of the offer. It will be an obligation of the contract for the tenderer, in the event that the alternative is accepted, to accept full responsibility and liability that the alternative offer complies in all respects with the Employer’s standards and requirements.  

The modified Pricing Data must include an amount equal to 5% of the amount tendered for the alternative offer to cover the employer’s costs in confirming the acceptability of the detailed design. This amount must be clearly shown as a separate entry, (but is deemed too included in;) to the Lump Sum Contract amount. |
### 4.13.1 Parts of each tender offer communicated on paper shall be submitted as an original, plus 3 hard copies. Please see Item 4.13.6

The tenderer is requested to also provide a scanned PDF copy of the complete tender submission in electronic format on a flash disk and to include this in their tender submission. **Please note that the two stage system applies and the technical and financial bids must be on separate flash disks.**

### 4.13.2 The employer’s details and address for delivery of tender offers and identification details that are to be shown on each tender offer package are:

**Location of tender box:** SARAO Cape Town Office, (at reception)  
**Physical address:** 2 Fir Street, Old Times Media Building, Black River Park North Entrance, Observatory (Coordinates: 33°55'58.9"S; 18°28'14.8"E)  
**Identification details:** Tender reference number, Title of Tender and the closing date and time of the tender

### 4.13.4 The tenderer is required to submit, with his tender, the following certificates in addition to his tender documents:

1. Covering Letter  
2. Confirmation of registration on National Treasury central supplier database  
3. Original certified B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or an Accounting Officer as contemplated in the CCA. In the case of a Joint Venture, the Joint Venture shall present a Consolidated Verification Certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or an Accounting Officer as contemplated in the CCA. Copies of this documentation, if certified by a Commissioner of Oaths are also acceptable.  
4. A valid Tax Clearance Certificate or Tax Compliance PIN issued by the South African Revenue Service. In the case of a Joint Venture, the Joint Venture shall present a joint Tax Clearance Certificate or Tax Compliance PIN issued by the South African Revenue Service  
5. A letter of good standing from the Compensation Fund or a licensed insurer as contemplated in the Compensation for Occupational Injuries and Diseases Act 1993 (Act No. 130 of 1993)

### 4.13.5 A two-stage procedure is required. (This is also applicable to the electronic submissions) The tenderer shall submit a Technical Tender and a separate Financial Tender, which will only be opened once the technical tender has been accepted.

### 4.13.6 For both the Technical Tender and the Financial Tender the following is required:

- The “ORIGINAL” tender documents are placed in two separate envelopes, clearly marked as per clause 4.13.2  
- Three (3) hard “COPIES” of the tender shall be submitted as two separate packages (a Technical package and a Financial package) and shall also include the separate electronic submissions.

### 4.13.7 Telephonic, facsimile or e-mailed tender offers will not be accepted.

### 4.15 The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender.

### 4.16 The tender offer validity period is 180 days.
<table>
<thead>
<tr>
<th>Clause number</th>
<th>Tender Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.19</td>
<td>Access shall be provided for the following inspections, tests and analysis: A non-compulsory, clarification meeting (site conditions) will be held on site at The Karoo Support Base, Klerefontein, approximately 3.6km along the provincial Road P02996, from the intersection with the R63, 11.4km West of the town of Carnarvon in the Northern Cape on <strong>11 March 2020</strong> starting at <strong>10h30</strong>. Any other site visits required during the tender phase, shall be requested through the SARAO Project Manager, who’s contact details are included below:</td>
</tr>
<tr>
<td></td>
<td>Name: Hendrik Hurter</td>
</tr>
<tr>
<td></td>
<td>Address: SARAO, Old Times Media Building, 2 Fir Street, Observatory, Cape Town, South Africa, 7925</td>
</tr>
<tr>
<td></td>
<td>Tel: 021 506 7300</td>
</tr>
<tr>
<td></td>
<td>E-mail: <a href="mailto:hhurter@ska.ac.za">hhurter@ska.ac.za</a></td>
</tr>
<tr>
<td>4.20</td>
<td>The tenderer is required to submit with his tender a letter of intent from an approved insurer undertaking to provide the Performance Bond to the format included in Part C1.3 of this procurement document</td>
</tr>
<tr>
<td>5.1</td>
<td>The Employer will respond to requests for clarification received up to <strong>10 working days</strong> before the tender closing time.</td>
</tr>
<tr>
<td>5.2</td>
<td>The employer shall issue addenda no later than <strong>5 working days</strong> before tender closing time.</td>
</tr>
<tr>
<td>5.4</td>
<td>The Tender submissions will be captured on a Tenders Received Register immediately after the closing time for tenders at 12h00 on Friday, 17 March 2020. This form shall capture the following information: Tenderers name, the information required in 4.13.4, Technical bids received and Financial bids received. No bids will be opened at this time.</td>
</tr>
<tr>
<td>5.11.1</td>
<td>The financial offer will be reduced to a comparative basis using the Tender Assessment Schedule.</td>
</tr>
</tbody>
</table>
| 5.11.4       | The procedure for the evaluation of responsive tenders is Method 3. (Financial offer and quality) The financial offer will be scored using the following formula:  

$$W1 \times A = \left(1 - \frac{(P - Pm)}{Pm}\right)$$

The value of $W1$ is 90. *  
Up to 100 minus $W1$ tender evaluation points will be awarded to tenderers who complete the preferencing schedule and who are found to be eligible for the preference claimed.
The Evaluation criteria and maximum score in respect of each of the criteria are as follows:

<table>
<thead>
<tr>
<th>Item</th>
<th>Quality criteria</th>
<th>Sub criteria Minimum Requirement</th>
<th>Maximum number of points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A</td>
<td>Tender Eligibility Criteria - Go / NO GO Gatekeeper</td>
<td>100%</td>
<td>13</td>
</tr>
<tr>
<td>2A</td>
<td>Contractor Skills and Experiences</td>
<td>60%</td>
<td>57</td>
</tr>
<tr>
<td>2B</td>
<td>Human Resources Requirement</td>
<td>75%</td>
<td>88</td>
</tr>
<tr>
<td>2C</td>
<td>Construction Equipment</td>
<td>65%</td>
<td>54</td>
</tr>
<tr>
<td>2D</td>
<td>Contract Method Statement</td>
<td>60%</td>
<td>30</td>
</tr>
<tr>
<td>2E</td>
<td>Activity Specific Method Statements</td>
<td>60%</td>
<td>55</td>
</tr>
<tr>
<td>2F</td>
<td>Contract Programme</td>
<td>60%</td>
<td>45</td>
</tr>
<tr>
<td>2G</td>
<td>Project Management Plan</td>
<td>60%</td>
<td>70</td>
</tr>
<tr>
<td>2H</td>
<td>Occupational Health and Safety Plan</td>
<td>60%</td>
<td>35</td>
</tr>
<tr>
<td>2I</td>
<td>Environmental Management Plan</td>
<td>60%</td>
<td>35</td>
</tr>
<tr>
<td>2J</td>
<td>Quality Management Plan</td>
<td>80%</td>
<td>100</td>
</tr>
<tr>
<td>2K</td>
<td>Traffic Management Plan</td>
<td>60%</td>
<td>35</td>
</tr>
<tr>
<td>2L</td>
<td>EMC Control Plan</td>
<td>60%</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td><strong>Maximum possible score for quality ((M_s))</strong></td>
<td></td>
<td><strong>657</strong></td>
</tr>
</tbody>
</table>

Quality shall be scored by not less than three evaluators in accordance with the following schedules:
The minimum number of evaluation points for quality is: See percentages under Sub Criteria
The breakdown for this quality criteria are found in the document: TECHNICAL EVALUATION CRITERIA FOR CONTRACT SSA4003-0007

The prompts for judgment and the associated scores used in the evaluation of quality shall be as follows:

<table>
<thead>
<tr>
<th>Score</th>
<th>Prompt for judgement</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Failed to address the question / issue</td>
</tr>
<tr>
<td>1 (20%)</td>
<td>A detrimental response / answer / solution – limited or poor evidence of skill / experience sought or high risk that relevant skills will not be available</td>
</tr>
<tr>
<td>2 (40%)</td>
<td>Less than acceptable – response / answer / solution lacks convincing evidence of skill / experience sought or medium risk that relevant skills will not be available</td>
</tr>
<tr>
<td>3 (60%)</td>
<td>Acceptable response / answer / solution to the particular aspect of the requirements and evidence given of skill / experience sought</td>
</tr>
<tr>
<td>4 (80%)</td>
<td>Above acceptable – response / answer / solution demonstrating real understanding of requirements and evidence of ability to meet it</td>
</tr>
<tr>
<td>5 (100%)</td>
<td>Excellent – response / answer / solution gives real confidence that the tenderer will add real value</td>
</tr>
</tbody>
</table>

The scores of each of the evaluators will be averaged, weighted and then totalled to obtain the final score for quality.
<table>
<thead>
<tr>
<th>Clause number</th>
<th>Tender Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.13</td>
<td>Tender offers will only be accepted if:</td>
</tr>
<tr>
<td></td>
<td>a) The tenderer is registered on the Central Supplier Database (CSD) for the South African government (see <a href="https://secure.csd.gov.za/">https://secure.csd.gov.za/</a>) unless it is a foreign supplier with no local registered entity</td>
</tr>
<tr>
<td></td>
<td>b) An valid Tax Clearance Certificate or Tax Compliance PIN issued by the South African Revenue Service; In the case of a Joint Venture, the Joint Venture shall present a joint Tax Clearance Certificate issued by the South African Revenue Service</td>
</tr>
<tr>
<td></td>
<td>c) The tenderer submits a letter of intent from an approved bank or insurer undertaking to provide the Performance Bond to the format included in Part C1.3 of this procurement document</td>
</tr>
<tr>
<td></td>
<td>d) The tenderer is registered with the CIDB (Construction Industry Development Board) in an appropriate contractor grading designation;</td>
</tr>
<tr>
<td></td>
<td>e) The tenderer or any of its directors/shareholders is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector;</td>
</tr>
<tr>
<td></td>
<td>f) The tenderer has not:</td>
</tr>
<tr>
<td></td>
<td>i) abused the Employer's Supply Chain Management System; or</td>
</tr>
<tr>
<td></td>
<td>ii) failed to perform on any previous contract and has been given a written notice to this effect;</td>
</tr>
<tr>
<td></td>
<td>g) The tenderer has completed the Compulsory Declaration and there are no conflicts of interest which may impact on the tenderer’s ability to perform the contract in the best interests of the employer or potentially compromise the tender process;</td>
</tr>
<tr>
<td></td>
<td>h) A letter of good standing from the Compensation Fund or a licensed insurer as contemplated in the Compensation for Occupational Injuries and Diseases Act 1993 (Act No. 130 of 1993)</td>
</tr>
<tr>
<td></td>
<td>i) Annual Financial Statements Declaration - Letter from an independent Financial Auditor confirming good standing</td>
</tr>
<tr>
<td></td>
<td>j) Original certified B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or an Accounting Officer as contemplated in the CCA. In the case of a Joint Venture, the Joint Venture shall present a Consolidated Verification Certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or an Accounting Officer as contemplated in the CCA</td>
</tr>
<tr>
<td></td>
<td>k) The employer is reasonably satisfied that the tenderer has in terms of the Construction Regulations, 2003, issued in terms of the Occupational Health and Safety Act, 1993, the necessary competencies and resources to carry out the work safely.</td>
</tr>
<tr>
<td></td>
<td>l) The financial offer is market related (see Regulations 6(9) and 7(9) of the 8(9) of the Preferential Procurement Regulations 2017):</td>
</tr>
<tr>
<td></td>
<td>m) Local Content Declaration</td>
</tr>
<tr>
<td>5.17</td>
<td>The number of paper copies of the signed contract to be provided by the employer is 3.</td>
</tr>
<tr>
<td></td>
<td>The additional conditions of tender are:</td>
</tr>
</tbody>
</table>
BACKGROUND

INTRODUCTION TO THE NRF
The legal name of the employer is the National Research Foundation, established by Act 19 of 2018, as the juristic person that makes this bid invitation and will contract with the awarded bidder.

The NRF supports and promotes research and human capital development through funding, the provision of National Research Facilities and science outreach platforms and programmes to the broader community in all fields of science and technology, including natural science, engineering, social science and humanities.

INTRODUCTION TO THE SKAO
The SKA Organisation has been established with its headquarters at Jodrell Bank in Manchester, United Kingdom

The SKA Organisation has jointly awarded its Square Kilometre Array to South Africa and its 8 African partner countries together with Australia. The SKA will be Africa’s largest science project which will be a hub for both local and international collaboration. The SKA Organisation is undertaking the following five key science projects:

1. Probing the Dark Ages
2. Galaxy Evolution
3. The Origin and Evolution of Cosmic Magnetism
4. Strong Field Tests of Gravity using Pulsars and Black Holes
5. The Cradle of Life.

The first phase of the SKA1-MID project includes the addition of 133 antennas to the 64-dish MeerKAT radio telescope and the second phase of the project and will include up to 2000 antennas distributed across South Africa and its eight African partner countries. SKA1-MID consists of:

6. The existing MeerKAT phase of 64 antennae (precursor to the SKA) and the 133 antennae included in the current phase.
7. A core area (approximately 2.5km in radius) which is land owned by the NRF and includes the MeerKAT radio telescope and will include approximately 75% of the antennae.
8. Three spiral arms extending out from the core to for about 120km each.

Further information about SKAO can be found on www.skatelescope.org.

INTRODUCTION TO THE NRF BUSINESS UNIT MANAGING THIS BID
The South African Radio Astronomy Observatory (SARAO) is a National Facility of the National Research Foundation (NRF) housing and operating South Africa’s national radio telescope shared facilities, including the MeerKAT, KAT-7, and Hartbeeshoek 26-m radio telescopes.

The SARAO has offices based in Johannesburg and Cape Town, as well as the radio-protected SKA host site in the Karoo, 90km from Carnarvon in the Northern Cape. This site hosts the Square Kilometre Array mid-frequency telescopes, MeerKAT, and KAT-7 radio telescope installations, as well as a number of guest instruments, including the HERA telescope.

Further information about SARAO can be found on www.ska.ac.za and www.NRF.ac.za.
Due to further international interest, a portion of the SKA1-MID Project will be built under a different funding model and with different key-stakeholders to the balance of the SKA1-MID project. This project is known as the MeerKAT Extension Phase of the SKA1-MID project and will consist of 24 Antennae, situated in the core and on the inner spirals.

Funding for 20 of the dish structures (DS) in this project is from the MPIfR (Max Planck Institute for Radio Astronomy) and CETC54 (54th Research Institute of China Electronics Technology Group Corporation). Funding for the foundations and the balance of the infrastructure of this project is from SARAO. This portion is split into Phase I (4 Antennae) and Phase II (16 Antennae) with delivery dates of June 2021 and February 2022 respectively.

The first 4 Antennae for the SKA1_MID Project will also be built as part of this project and will be assigned to SKAO for industrialisation. This is referred to as SKA1_MID Phase AA0.5 and will follow directly on Phase II. See Google Map below:

Furthermore, the international SKAO has completed a design for the SKA telescope into which the current MeerKAT telescope dishes will be integrated to form the full SKA1-MID Phase 1 telescope. Construction of the MeerKAT Extension Phase is earmarked to start in September 2020 with the appointment of a Design Build Contractor. The balance of the construction for the SKA1-MID Phase of the SKA is scheduled to start in 2022 and will be funded by the SKAO/IGO.
LOCALITY

The SKA site is located in the Northern Cape Province, surrounded by the towns of Carnarvon, Williston, Brandvlei and Van Wyksvlei, as indicated in Figure 1 below. A detailed map and directions to site from the town of Carnarvon is attached as Annexure H – ROUTE MAP TO SKA – KAROO 2.

The Engineering Operation Centre at the Karoo Support Base, known as Klerefontein, is approximately 650km from Cape Town, 900km from Johannesburg city centre retrospectively and 16km from Carnarvon. The Karoo Support Base is approximately 3.6km along the provincial Road P02996, from the intersection with the R63, 11.4km West of the town of Carnarvon.

The SKA Site Complex, which includes the Central Processing Facility is located about 80km northwest of the town of Carnarvon.
T2 Returnable documents

List of returnable documents

This list will serve as the Document Index and the Contractor shall ensure that the returnable documents are numbered as below and presented in the following sequence.

1. Documentation to demonstrate eligibility to tender – See paragraph 5.13 of this document – include in Bid Envelope 1
2. Returnable Schedules for required for tender evaluation purposes – include in Bid Envelope 1
   a. Record of Addenda to Tender Documents
   b. Proposed amendments and qualifications
   c. Compulsory Declaration
   d. Preference points claim form in terms of the preferential procurement regulations 2017
   e. Enterprise Declaration
   f. Annual Financial Statements Declaration
   g. Certificate of Authority for Joint Ventures, if applicable
   h. Tender Declaration
   i. Local Content Declaration
   j. Certificate of Independent Bid Determination
   (for items a to j use the appropriate templates in this document)

3. Other documents required for tender evaluation purposes – Include in Bid Envelope 1
   a. Contractors Skills and Experience
      i. List of similar projects completed during preceding 5 years
      ii. Three Reference Letters from previous clients
   b. Human Resources allocated to project (see minimum requirement below)
      iii. List of Key Personnel allocated to the project
      iv. CV’s of Key Personnel
   c. Contractors Construction Equipment available to this Contract
   d. Method Statements
      v. Method Statement for the Contract Execution
      vi. Activity Specific Method Statements
   e. Contract Programme
   f. Management Plans
      vii. Project Management Plan
      viii. Health and Safety Plan
      ix. Environmental Management Plan
      x. Quality Management Plan
      xi. Traffic Management Plan
4. Evaluation Schedules

- **Evaluation Schedule 1: Technical Competency – Include in Bid Envelope 1:** TECHNICAL EVALUATION CRITERIA FOR CONTRACT SSA4003-0007 - This document stipulates the minimum requirements as well as the scoring regime that will be used in the technical evaluation of the tenderers' bid documents.

- **Evaluation Schedule 2: Financial Competency – Bid Envelope 2**
  a. Tender Assessment Schedule for MeerKAT Extension
  b. Contract Part C.1.1 Form of Offer and Acceptance

5. Other Documentation that will be included in the Contract – Bid Envelope 2

   a. C1.2 - Contract Data Part 2
   b. C2.2 - Contractors Activity Schedule submitted for approval

---

**T2.1 Documentation to demonstrate eligibility to have tenders evaluated**

- a) The tenderer is registered on the Central Supplier Database (CSD) for the South African government (see https://secure.csd.gov.za/) unless it is a foreign supplier with no local registered entity
- b) An original valid Tax Clearance Certificate or Tax Compliance PIN issued by the South African Revenue Service; In the case of a Joint Venture, the Joint Venture shall present a joint Tax Clearance Certificate issued by the South African Revenue Service
- c) The tenderer submits a letter of intent from an approved bank or insurer undertaking to provide the Performance Bond to the format included in Part C1.3 of this procurement document
- d) The tenderer is registered with the (CIDB) Construction Industry Development Board in an appropriate contractor grading designation;
- e) The tenderer or any of its directors/shareholders is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector;
- f) The tenderer has not:
  - i) abused the Employer’s Supply Chain Management System; or
  - ii) failed to perform on any previous contract and has been given a written notice to this effect;
- g) The tenderer has completed the Compulsory Declaration and there are no conflicts of interest which may impact on the tenderer’s ability to perform the contract in the best interests of the employer or potentially compromise the tender process;
- h) A letter of good standing from the Compensation Fund or a licensed insurer as contemplated in the Compensation for Occupational Injuries and Diseases Act 1993 (Act No. 130 of 1993)
- i) Annual Financial Statements Declaration - Letter from an independent Financial Auditor confirming current Good Standing
- j) Original certified B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or an Accounting Officer as contemplated in the CCA. In the case of a Joint Venture, the Joint Venture shall present a Consolidated Verification Certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or an Accounting Officer as contemplated in the CCA
- k) The employer is reasonably satisfied that the tenderer has in terms of the Construction Regulations, 2003, issued in terms of the Occupational Health and Safety Act, 1993, the necessary competencies and resources to carry out the work safely.
- l) the financial offer is market related (see Regulations 6(9) and 7(9) of the 8(9) of the Preferential Procurement Regulations 2017)
- m) Local Content Declaration

---

**Note:** Failure to provide any of these documents will result in the tender not being evaluated
The tenderer must complete the following returnable schedules (templates for “a to i” included in this document), as relevant:

### a) Record of Addenda to tender documents

We confirm that the following communications received from the *Client* before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

<table>
<thead>
<tr>
<th>Date</th>
<th>Title or Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
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<tr>
<td>2.</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
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<tr>
<td>4.</td>
<td></td>
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<tr>
<td>5.</td>
<td></td>
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<tr>
<td>6.</td>
<td></td>
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<td>7.</td>
<td></td>
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<td>8.</td>
<td></td>
</tr>
<tr>
<td>9.</td>
<td></td>
</tr>
<tr>
<td>10.</td>
<td></td>
</tr>
</tbody>
</table>

Attach additional pages if more space is required.

Signed

------------------------------
Date

------------------------------
Name

------------------------------
Position

------------------------------
Tenderer
b) Proposed amendments and qualifications

The Tenderer should record any deviations or qualifications it wishes to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such deviations and qualifications in a covering letter to its tender and reference such letter in this schedule.

The Tenderer’s attention is drawn to clause 5.8 of SANS 10845-3 regarding the employer’s handling of material deviations and qualifications.

<table>
<thead>
<tr>
<th>Page</th>
<th>Clause or item</th>
<th>Proposal</th>
</tr>
</thead>
</table>

Signed

Name

Position

Tenderer

Tender

Signed

Date

Name

Position

Tenderer

Signed

Date

Name

Position

Tenderer
c) Compulsory Declaration

The following particulars must be furnished. In the case of a joint venture, separate declaration in respect of each partner must be completed and submitted.

### Section 1: Enterprise Details

<table>
<thead>
<tr>
<th>Name of enterprise:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact person:</td>
</tr>
<tr>
<td>Email:</td>
</tr>
<tr>
<td>Telephone:</td>
</tr>
<tr>
<td>Cell no</td>
</tr>
<tr>
<td>Fax:</td>
</tr>
<tr>
<td>Physical address</td>
</tr>
<tr>
<td>Postal address</td>
</tr>
</tbody>
</table>

### Section 2: Particulars of companies and close corporations

<table>
<thead>
<tr>
<th>Company / Close Corporation registration number</th>
</tr>
</thead>
</table>

### Section 3: SARS Information

<table>
<thead>
<tr>
<th>Tax reference number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tax compliance status pin number</td>
</tr>
<tr>
<td>VAT registration number:</td>
</tr>
</tbody>
</table>

*State Not Registered if not registered for VAT*

### Section 4: CIDB registration number

<table>
<thead>
<tr>
<th>CIDB Registration number (if applicable)</th>
</tr>
</thead>
</table>

### Section 5: National Treasury Central Supplier Database

<table>
<thead>
<tr>
<th>CSD registration number</th>
</tr>
</thead>
</table>

*Attach CSD registration or summary report not older than 2 weeks prior to tender closing*

### Section 6: Particulars of principals

*principal* means a natural person who is a partner in a partnership, a sole proprietor, a director of a company established in terms of the Companies Act of 2008 (Act No. 71 of 2008) or a member of a close corporation registered in terms of the Close Corporation Act, 1984, (Act No. 69 of 1984).

<table>
<thead>
<tr>
<th>Full name of principal</th>
<th>Identity number</th>
<th>Personal tax reference number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

*Attach separate page if necessary*
**Section 7: Record in the service of the state**

Indicate by marking the relevant boxes with a cross, if any principal is currently or has been within the last 12 months in the service of any of the following:

- a member of any municipal council
- a member of any provincial legislature
- a member of the National Assembly or the National Council of Province
- a member of the board of directors of any municipal entity
- an official of any municipality or municipal entity
- an employee of any department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act of 1999 (Act No. 1 of 1999)
- a member of an accounting authority of any national or provincial public entity
- an employee of Parliament or a provincial legislature

If any of the above boxes are marked, disclose the following:

<table>
<thead>
<tr>
<th>Name of principal</th>
<th>Name of institution, public office, board or organ of state and position held</th>
<th>Status of service (tick appropriate column)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Current</td>
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<td></td>
</tr>
</tbody>
</table>

*insert separate page if necessary*

**Section 8: Record of family member in the service of the state**

family member: a person's spouse, whether in a marriage or in a customary union according to indigenous law, domestic partner in a civil union, or child, parent, brother, sister, whether such a relationship results from birth, marriage or adoption

Indicate by marking the relevant boxes with a cross, if any family member of a principal as defined in section 5 is currently or has been within the last 12 months been in the service of any of the following:

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

<table>
<thead>
<tr>
<th>Name of family member</th>
<th>Name of institution, public office, board or organ of state and position held</th>
<th>Status of service (tick appropriate column)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Current</td>
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<td></td>
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</tbody>
</table>

*insert separate page if necessary*
Section 9: Record of termination of previous contracts with an organ of state

Was any contract between the tendering entity including any of its joint venture partners terminated during the past 5 years for reasons other than the employer no longer requiring such works or the employer failing to make payment in terms of the contract.

☐ Yes  ☐ No (Tick appropriate box)

If yes, provide particulars (interest separate page if necessary)

Section 10: Declaration

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the tendering entity confirms that the contents of this Declaration are within my personal knowledge, and save where stated otherwise in an attachment hereto, are to the best of my belief both true and correct, and:

i) neither the name of the tendering entity or any of its principals appears on:

   a) the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004 (Act No. 12 of 2004)
   b) National Treasury's Database of Restricted Suppliers (see www.treasury.gov.za)

ii) neither the tendering entity or any of its principals has within the last five years been convicted of fraud or corruption by a court of law (including a court outside of the Republic of South Africa);

iii) any principal who is presently employed by the state has the necessary permission to undertake remunerative work outside such employment (attach permission to this declaration);

iv) the tendering entity is not associated, linked or involved with any other tendering entities submitting tender offers

v) has not engaged in any prohibited restrictive horizontal practices including consultation, communication, agreement, or arrangement with any competing or potential tendering entity regarding prices, geographical areas in which goods and services will be rendered, approaches to determining prices or pricing parameters, intentions to submit a tender or not, the content of the submission (specification, timing, conditions of contract etc.) or intention to not win a tender;

vi) has no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest;

vii) neither the tenderer or any of its principals owes municipal rates and taxes or municipal service charges to any municipality or a municipal entity and are not in arrears for more than 3 months;

viii) SARS may, on an on-going basis during the term of the contract, disclose the tenderer's tax compliance status to the Employer and when called upon to do so, obtain the written consent of any subcontractors who are subcontracted to execute a portion of the contract that is entered into in excess of the threshold prescribed by the National Treasury, for SARS to do likewise.

Signed

Name ___________________________ Date ___________________________

Position ___________________________

Enterprise name ___________________________

NOTE 1 The Standard Conditions of Tender contained in SANS 10845-3 prohibits anticompetitive practices (clause 3.1) and requires that tenderers avoid conflicts of interest, only submit a tender offer if the tenderer or any of his principals is not under any restriction to do business with employer (4.1.1) and submit only one tender either as a single tendering entity or as a member in a joint venture (clause 4.13.1). Clause 5.7 also empowers the Employer to disqualify any tenderer who engages in fraudulent and corrupt practice. Clause 3.1 also requires tenderers to comply with all legal obligations.

NOTE 2: Section 30(1) of the Public Service Act, 1994, prohibits an employee (person who is employed in posts on the establishment of departments) from performing or engaging remunerative work outside his or her employment in the relevant department, except with the written permission of the executive authority of the department. When in operation, Section 8(2) of the Public Administration Management Act, 2014, will prohibit an employee of the public administration (i.e. organs of state and all national departments, national government components listed in Part A of Schedule 3 to the Public Service Act, provincial departments including the office of the premier listed in Schedule 1 of the Public Service Act and provincial departments listed in schedule 2 of the Public Service Act, and provincial government components listed in Part B of schedule 3 of the Public Service Act) or persons contracted to executive authorities in accordance with the provisions of section 12A of the Public Service Act of 1994 or persons performing similar functions in organs of state from conducting business with the State or to be a director of a public or private company conducting business with the State. The offence for doing so is a fine or imprisonment for a period not exceeding 5 years or both. It is also a serious misconduct which may result in the termination of employment by the employer.
NOTE 3: Regulation 44 of Supply Chain Management regulations issued in terms of the Municipal Finance Management Act of 2003 requires that organs of state and municipal entities not award a contract to a person who is the service of the state, a director, manager or principal shareholder in the service of the state or who has been in the service of the state in the previous twelve months.

NOTE 4: Regulation 45 of Supply Chain Management regulations requires a municipality or municipal entity to disclose in the notes to the annual statements particulars of any award made to a close family member in the service of the state.

NOTE 5: Corrupt activities which give rise to an offence in terms of the Prevention and Combating of Corrupt Activities Act of 2004 include improperly influencing in any way the procurement of any contract, the fixing of the price, consideration or other moneys stipulated or otherwise provided for in any contract and the manipulating by any means of the award of a tender.

NOTE 6: Section 4 of the Competition Act of 1998 prohibits restrictive horizontal practice including agreements between parties in a horizontal relationship which have the effect of substantially preventing or lessening competition, directly or indirectly fixing prices or dividing markets or constitute collusive tendering. Section 5 also prohibits restrictive vertical practices. Any restrictive practices that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties.
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 The value of this bid is estimated to **exceed** R50 000 000 (all applicable taxes included) and therefore the …90/10………… preference point system shall be applicable to 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:

<table>
<thead>
<tr>
<th>Categories</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRICE</td>
<td>90</td>
</tr>
<tr>
<td>B-BBEE STATUS LEVEL OF CONTRIBUTOR</td>
<td>10</td>
</tr>
<tr>
<td><strong>Total points for Price and B-BBEE must not exceed</strong></td>
<td>100</td>
</tr>
</tbody>
</table>

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) Sworn BBBEE affidavit in terms of Construction Sector Code Gazette 41287;
   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 90/10 PREFERENCE POINT SYSTEMS

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

\[
P_{s} = 90 \left( 1 - \frac{P_t - P_{min}}{P_{min}} \right)
\]

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:

<table>
<thead>
<tr>
<th>B-BBEE Status Level of Contributor</th>
<th>Number of points (90/10 system)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>3</td>
<td>6</td>
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<tr>
<td>4</td>
<td>5</td>
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<td>5</td>
<td>4</td>
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<tr>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>7</td>
<td>2</td>
</tr>
<tr>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td>Non-compliant contributor</td>
<td>0</td>
</tr>
</tbody>
</table>
5. **BID DECLARATION**

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

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

6.1 B-BBEE Status Level of Contributor: . = ……..(maximum of 10 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

7. **SUB-CONTRACTING**

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

*Tick applicable box*

| YES | NO |

7.1.1 If yes, indicate:

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

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

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

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

*Tick applicable box*

| YES | NO |

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

<table>
<thead>
<tr>
<th>Designated Group: An EME or QSE which is at last 51% owned by:</th>
<th>EME ✓</th>
<th>QSE ✓</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black people</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black people who are youth</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black people who are women</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black people with disabilities</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black people living in rural or underdeveloped areas or townships</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooperative owned by black people</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black people who are military veterans</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>OR</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Any EME</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Any QSE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

…………………………………………………………………………………………………………………………
…………………………………………………………………………………………………………………………
…………………………………………………………………………………………………………………………

8.6 COMPANY CLASSIFICATION

- Manufacturer
- Supplier
- Professional service provider
- Other service providers, e.g. transporter, etc.

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-BBEE 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 ...........................................

...........................................
### e) Enterprise Declaration

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

1) The tenderer is able to provide financial statements complying with applicable legislation for the preceding financial year within 12 months of the year end.

2) The tenderer (tendering entity) has a turnover over during its preceding financial year which is not less than R 200 million.

(Complete the Annual Financial Statement Declaration)

3) The tenderer undertakes to subcontract a minimum of 30% of the contract value to an Exempted Micro Enterprises (EME) or Qualifying Small Enterprises (QSE), which is at least 51% owned by black people.

I hereby declare that the contents of this Declaration are within my personal knowledge, and save where stated otherwise are to the best of my belief both true and correct.

Signed: 

Date: 

Name: 

Position: 

Tenderer: 

---

**Tender**

**Part T2: Returnable documents**

**List of returnable documents**
f) Annual Financial Statements Declaration

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

1) The enterprise’s financial year end is . . . . . . . . . . . . . . . . . .

2) The enterprise’s financial statements have been prepared in accordance with the provisions of the Companies Act of 2008 or the Close Corporation Act of 1984, as applicable

3) The enterprise has compiled its financial accounts [tick one box]:

☐ internally ☐ independently

4) The following statement applies to the enterprise [tick one box and provide relevant information]

☐ enterprise has had its financial statements audited;
   name of auditor . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

☐ enterprise is required by law to have an independent review of its financial statements
   name of independent reviewer . . . . . . . . . . . . . . . . . . . . . . . . . .

☐ enterprise has not had its financial statements audited and is not required by law to have an independent review or audit of such statements

5) The attached income statement and balance sheet is a true extract from the financial statements complying with applicable legislation for the preceding financial year within 12 months of the financial year end.

[Attach the income statement and the balance sheet contained in the financial statement]

6) The annual turnover for the last financial year is R . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

7) The total assets as at the end of the last financial year is R . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

8) The total liabilities as at the end of the financial year is R . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

9) Letter from an independent Financial Auditor confirming good standing

I hereby declare that the contents of this Declaration are within my personal knowledge, and save where stated otherwise are to the best of my belief both true and correct.

Signed

Date

Name

Position

Tenderer

Tender 25 T2.1
Part T2: Returnable documents List of returnable documents
g) Certificate of Authority for Joint Ventures

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

<table>
<thead>
<tr>
<th>NAME OF FIRM</th>
<th>ADDRESS</th>
<th>DULY SIGNATORY</th>
<th>AUTHORISED SIGNATORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead partner</td>
<td></td>
<td>Signature. ........</td>
<td>Name ........     Designation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Signature. ........</td>
<td>Name ........     Designation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Signature. ........</td>
<td>Name ........     Designation</td>
</tr>
</tbody>
</table>

This Returnable Schedule is to be completed by joint ventures.
The undersigned, who warrants that he / she is duly authorised to do so on behalf of the tenderer confirms that:

1) The Tenderer has read and understood the Scope of Work for this project.

2) The Tenderer has read and understood all the applicable documentation as set out in Scope of Work for this tender.

3) The Tenderer has included, in his bid submission, all the required documentation as set out in the Tender document.

4) The Tenderer is aware of, and understands the method of evaluation (Technical bid and Financial bid) and the technical bid scoring as indicated in the Evaluation Criteria document.

I hereby declare that the contents of this Declaration are within my personal knowledge, and save where stated otherwise are to the best of my belief both true and correct.

Signed ________________________ Date ........................................................................

Name ________________________ Position

Tenderer ..............................................................................................................................................................
i) 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/industrial development/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:

<table>
<thead>
<tr>
<th>Bid price, excluding VAT (y)</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imported content (x), as calculated in terms of SATS 1286:2011</td>
<td>R</td>
</tr>
<tr>
<td>Stipulated minimum threshold for local content (paragraph 3 above)</td>
<td></td>
</tr>
<tr>
<td>Local content %, as calculated in terms of SATS 1286:2011</td>
<td></td>
</tr>
</tbody>
</table>

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: ___________
1. This Standard Bidding Document (SBD) must form part of all bids¹ invited.

2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).² Collusive bidding is a per se prohibition meaning that it cannot be justified under any grounds.

3. Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:

   a. disregard the bid of any bidder if that bidder, or any of its directors have abused the institution’s supply chain management system and or committed fraud or any other improper conduct in relation to such system.

   b. cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.

4. This SBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.

5. In order to give effect to the above, the attached Certificate of Bid Determination (SBD 9) must be completed and submitted with the bid:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.
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 consortium 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.

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

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.
T2.3 Other documents required for tender evaluation purposes

a. Contractors Skills and Experience
   - The Contractor shall submit a list of similar projects completed during the previous 5 years. This list shall include:
     i. Contract description and location
     ii. Relevance to this bid
     iii. Project values
     iv. Project Duration
     v. Any special achievements or innovative procedures
     vi. Quality Standards
     vii. Variations from design
     viii. Total variance between original contract and final contract value
     ix. Completion date, extension of time and time at completion. Contactable references. Only contracts on a Design and Construct Basis and preferable based on a NEC form of Contract shall be listed
   - The Contractor shall submit three Reference Letters from previous clients in the following format:

---

**REFERENCE LETTER FORMAT**

<table>
<thead>
<tr>
<th>Bidder’s Letterhead</th>
<th>We are submitting a bid for the contract described below. We appreciate your assistance and effort in completing on your letterhead the reference as set out below on your experience with us.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Referee Letterhead</td>
<td>Referee Legal Name</td>
</tr>
<tr>
<td>Reference on</td>
<td></td>
</tr>
<tr>
<td>Company:</td>
<td></td>
</tr>
<tr>
<td>Bid Number:</td>
<td>X</td>
</tr>
<tr>
<td>Bid Description</td>
<td></td>
</tr>
<tr>
<td>Client Company</td>
<td></td>
</tr>
<tr>
<td>Client Point of</td>
<td></td>
</tr>
<tr>
<td>Contact &amp; Tel Number</td>
<td></td>
</tr>
<tr>
<td>Date of Project (From – To)</td>
<td></td>
</tr>
<tr>
<td>Description of Project</td>
<td></td>
</tr>
<tr>
<td>Role of bidder in project</td>
<td></td>
</tr>
<tr>
<td>Relevance to this bid</td>
<td></td>
</tr>
<tr>
<td>Role of bidder in project</td>
<td></td>
</tr>
</tbody>
</table>
---
Describe the service/work the above bidder provide to you below

<table>
<thead>
<tr>
<th>Criteria/risks</th>
<th>Below requirements</th>
<th>Meets requirements</th>
<th>Exceeds requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professionalism</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Was the project delivered on time? If not, why not?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Was the project delivered within budget? If not, why not?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Was the project delivered to the required satisfaction/quality to the Client? If not, why not?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Were there contract variations in the project? If yes, list them and the reason for them</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Role of bidder in project</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site security management</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site inventory control</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accuracy of the prepared bill of quantities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portion or re-measurement cost as percentage of the original contract value</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Completion times</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Satisfaction of work done</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adequacy of management team</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kept to agreed milestone dates</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>How well was time delays managed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quality of sub-contractor management</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethics of the contractor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payment management</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sign-off and hand over processes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engineering changes management</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication clarity and sufficiency</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delays through loss of key staff</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overall impression</td>
<td></td>
<td>Other comments</td>
<td></td>
</tr>
<tr>
<td>Approximate value of contract</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Would you use the provider again?</td>
<td></td>
<td></td>
<td>YES NO</td>
</tr>
</tbody>
</table>

Completed by:  
Signature:  
Company Name:  
Contact Telephone Number:  
Date:
b. Human Resources allocated to project (see minimum requirement below)
   i. List of Key Personnel allocated to the project
   ii. CV’s of Key Personnel

### a) MINIMUM HUMAN RESOURCE REQUIREMENT FOR MeerKAT Extension Project

<table>
<thead>
<tr>
<th>Key Project Manager and Supervisor Personnel</th>
<th>Minimum Academic Qualification Required</th>
<th>Professional Registration required</th>
<th>Required minimum years of experience, skills pre-requisites and knowledge in the profession relevant to this project, calculated from date of qualification in that specific professional role</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESIGN PHASE – (Off Site Requirement) Contractors Consultant</td>
<td>Civil Engineering Environment Degree or equivalent (BSc, B Eng. or B Tech)</td>
<td>Yes ECSA SACPCMP</td>
<td>15 Years’ experience in project managing contracts of a similar nature and ensuring integration of various built environment / specialist disciplines during design and construction. Preference should be given to Project Managers with NEC Contract experience.</td>
</tr>
<tr>
<td>Contractor’s Project Manager (Ideally the same person as in the construction phase -design and quality management)</td>
<td>Civil Engineering Environment Degree or equivalent (BSc, B Eng. or B Tech)</td>
<td>Yes ECSA SACPCMP</td>
<td>15 Years’ experience in Roads and services design</td>
</tr>
<tr>
<td>Lead Civil Engineer – Roads and Services</td>
<td>Electrical Engineering Degree or equivalent (BSc, B Eng. or B Tech)</td>
<td>Yes ECSA</td>
<td>15 Years’ experience in Electrical Power System design</td>
</tr>
<tr>
<td>Lead Electrical Engineer</td>
<td>Electrical Engineering Degree or equivalent (BSc, B Eng. or B Tech)</td>
<td>Yes ECSA</td>
<td>15 Years’ experience in Structural design</td>
</tr>
<tr>
<td>Lead Civil Engineer – Structures</td>
<td>Civil Engineering Degree or equivalent (BSc, B Eng. or B Tech)</td>
<td>Yes ECSA</td>
<td>15 Years’ experience in Geotechnical / foundation design (piling foundations).</td>
</tr>
<tr>
<td>Lead Geotechnical Engineer</td>
<td>Civil or Geotechnical Engineering Degree or equivalent (BSc, B Eng. or B Tech)</td>
<td>Yes ECSA</td>
<td>10 Years’ experience in Mechanical Engineering design</td>
</tr>
<tr>
<td>Lead Mechanical Engineer</td>
<td>Mechanical Engineering Degree or equivalent (BSc, B Eng. or B Tech)</td>
<td>Yes ECSA</td>
<td>10 Years’ experience in Electronic Engineering design (including RFI)</td>
</tr>
<tr>
<td>RFI SPECIALIST</td>
<td>Electronic Engineering Degree or equivalent (BSc, B Eng. or B Tech)</td>
<td>Yes ECSA</td>
<td>10 Years’ experience in Electronic Engineering design (including RFI)</td>
</tr>
<tr>
<td>Key Project Manager and Supervisor Personnel</td>
<td>Minimum Academic Qualification Required</td>
<td>Professional Registration required</td>
<td>Required minimum years of experience, skills pre-requisites and knowledge in the profession relevant to this project, calculated from date of qualification in that specific professional role</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>----------------------------------------</td>
<td>----------------------------------</td>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Contractor’s Project Manager (Ideally the same person as in the design phase)</td>
<td>Civil Engineering Environment Degree or equivalent (BSc, B Eng. or B Tech)</td>
<td>Yes ECSA SACPCMP</td>
<td>15 Years’ experience in project managing contracts of a similar nature and ensuring integration of various built environment / specialist disciplines during design and construction. Preference should be given to Project Managers with NEC Contract experience.</td>
</tr>
<tr>
<td>Civil Engineer / Technician (Structures)</td>
<td>NHD Civil Engineering</td>
<td></td>
<td>7 – 10 Years’ experience in Structural design and/or construction</td>
</tr>
<tr>
<td>Civil Engineer / Technician (Roads and Services)</td>
<td>NHD Civil Engineering</td>
<td></td>
<td>7 – 10 Years’ experience in Roads and Services design and/or construction</td>
</tr>
<tr>
<td>Civil or Geotechnical Engineer / Technician (Civil Engineering Materials)</td>
<td>NHD Civil or Geotechnical Engineering</td>
<td></td>
<td>7 – 10 Years’ experience in Civil Engineering Materials, Laboratory experience</td>
</tr>
<tr>
<td>Electrical Engineer / Technician</td>
<td>NHD Electrical Engineering</td>
<td></td>
<td>7 – 10 Years’ experience in Electrical Engineering design and/or construction</td>
</tr>
<tr>
<td>Occupational Health, Safety &amp; Environmental (SHE) Agent</td>
<td>Relevant degree / diploma</td>
<td>SACPCMP</td>
<td>15 Years’ experience as a SHE Agent or Manager on projects of a similar nature.</td>
</tr>
<tr>
<td>Quality Assurance Officer</td>
<td>Relevant degree / diploma</td>
<td></td>
<td>7 – 10 Years’ experience in setting up and running Quality Assurance systems</td>
</tr>
<tr>
<td>RFI Compliance Manager</td>
<td>Electronic Engineering Degree or equivalent (BSc, B Eng. or B Tech)</td>
<td>Yes ECSA</td>
<td>10 Years’ experience in Electronic Engineering design (including RFI)</td>
</tr>
<tr>
<td>Professional Land Surveyor (only required for setting out of foundation position and orientation)</td>
<td>B.Sc. Geomatics or B.Sc. Land Surveying</td>
<td>SAGC</td>
<td>7 – 10 Years’ experience in Surveying</td>
</tr>
<tr>
<td>Key Project Manager and Supervisor Personnel</td>
<td>Minimum Academic Qualification Required</td>
<td>Professional Registration required</td>
<td>Required minimum years of experience, skills pre-requisites and knowledge in the profession relevant to this project, calculated from date of qualification in that specific professional role</td>
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<tr>
<td>---------------------------------------------</td>
<td>----------------------------------------</td>
<td>----------------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td><strong>CONSTRUCTION PHASE – Construction Management – On Site Requirement</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| **Senior Site Agent** | Civil Engineering Environment Degree or equivalent (BSc, B Eng. or B Tech) | ECSA SACPCMP | 15 Years’ experience in project supervision of contracts of a similar nature  
Preference should be given to a Site Agent with NEC Contract experience. |
| **Senior Quantity Surveyor** | Quantity Surveying Degree or equivalent (BSc, or B Tech) | SACQSP | 15 Years’ Experience in Project Quantity Surveying |
| **General Foreman / Site Manager - Civils** | NHD Civil Engineering | | 15 Years’ experience in Roads, Services and Structures |
| **Junior Site Agent - Electrical** | NHD in Electrical Engineering | | 5 – 7 Years’ experience in Construction of Electrical Systems |
| **Master Electrician** | National Certificate in Electrical Engineering - NQF level 5 | ECB | 7 – 10 Years’ experience in the installation of Electrical systems |
| **Senior Surveyor** | NHD in Surveying | | 7 – 10 Years’ experience in Surveying and setting out of works. |
| **Junior Site Agent - Piling** | NHD Civil Engineering or equivalent | | 7 – 10 Years’ experience in piling foundation construction |
| **Occupational Health, Safety & Environmental (SHE) Representative (Full time on site)** | Relevant degree / diploma | | 5 - 10 Years’ experience as a SHE Representative on projects of a similar nature |
# HUMAN RESOURCE SHEET for MeerKAT Extension Project

<table>
<thead>
<tr>
<th>Key Project Manager and Supervisor Personnel</th>
<th>Name</th>
<th>Qualifications</th>
<th>Registration Number</th>
<th>No of years’ experience in terms of required skills</th>
</tr>
</thead>
</table>

## DESIGN PHASE – (Off Site Requirement) Contractors Consultant

- Contractor’s Project Manager
- Lead Civil Engineer – Roads and Services
- Lead Electrical Engineer
- Lead Civil Engineer – Structures
- Lead Geotechnical Engineer
- Lead Mechanical Engineer
- RFI Specialist
<table>
<thead>
<tr>
<th>Key Project Manager and Supervisor Personnel</th>
<th>Name</th>
<th>Qualifications</th>
<th>Registration Number</th>
<th>No of years’ experience in terms of required skills</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CONSTRUCTION PHASE – Design and Quality Management – On Site Requirement – Contractors Consultant</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contractor’s Project Manager</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Civil Engineer / Technician (Structures)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Civil Engineer / Technician (Roads and Services)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Civil or Geotechnical Engineer / Technician (Civil Engineering Materials)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical Engineer / Technician</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Occupational Health, Safety &amp; Environmental (SHE) Agent</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Quality Assurance Officer</td>
<td></td>
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<tr>
<td>RFI Compliance Manager</td>
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<tr>
<td>Professional Land Surveyor (only required for setting out of foundation position and orientation)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Key Project Manager and Supervisor Personnel</td>
<td>Name</td>
<td>Qualifications</td>
<td>Registration Number</td>
<td>No of years’ experience in terms of required skills</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>------</td>
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<td>---------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>CONSTRUCTION PHASE – Construction Management – On Site Requirement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Senior Site Agent</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Senior Quantity Surveyor</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Foreman / Site Manager - Civils</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Junior Site Agent - Electrical</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Master Electrician</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Senior Surveyor</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Junior Site Agent - Piling</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Occupational Health, Safety &amp; Environmental (SHE) Representative (Full time on site)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
c. Contractors Construction Equipment available to this Contract

i. The Contractor shall provide a list of construction equipment that will be used to execute this contract.

ii. The equipment indicated shall satisfy the resource requirements for the contractual programme that the contractor submits for approval.

iii. The contractor shall indicate whether the listed equipment is owned or hired and if hired whether a hire contract is in place.

iv. The contractor should take note of Item 2C in the TECHNICAL EVALUATION CRITERIA FOR CONTRACT SSA4003-0007

d. Method Statements

i. Method Statement for the Contract Execution – This method statement should address the Scope of Work for the Contract and as a minimum include the following aspects:
   1) Planning
   2) Detailed Design process and approvals
   3) Lead time for manufactured products & transportation to site
   4) Safety, Health, Environmental & Quality considerations during the design phase
   5) Construction process (including all testing)
   6) Safety, Health, Environmental & Quality compliance during the construction phase
   7) Testing and Verification
   8) Completion and handover
   9) Skills development – Proposed Training of SME’s, QSE’s and Labour – Formal and Informal training
   10) ISO 9001 Quality Management System or Equivalent, based on the following principals:
       a. Customer Focus
       b. Leadership
       c. Involvement of people and local communities
       d. Process approach
       e. System approach
       f. Continual Improvement
       g. Fact-based decision making
       h. Mutually beneficial supplier relationships

   Additional information can be obtained from Item 2D in the TECHNICAL EVALUATION CRITERIA FOR CONTRACT SSA4003-0007

ii. Activity Specific Method Statements – These method statements should address in detail how the following construction elements will be constructed:
   1) Borrow pits
   2) Road Construction
   3) Platform Construction
   4) Piling
   5) Foundations
   6) Power and Fibre Installation
   7) Contractors Construction Camp

   Additional information can be obtained from Item 2E in the TECHNICAL EVALUATION CRITERIA FOR CONTRACT SSA4003-0007

e. Contract Programme

The Contractor shall provide a Preliminary Construction Programme based on the Scope of Work for this project, for acceptance. This programme shall as a minimum address the following:

i. The Commencement Date, commencement of the works, due completion date and the planned completion date
ii. Key Milestone dates as stipulated in the SOW document (including the Design phase, Construction Phase, completion and handover of the early four foundations and associated works)

iii. The sequence, timing and resources for carrying out the works

iv. Sequence and durations

v. The dates for site accesses and possessions, approvals, instructions, inspections, tests and verifications and all information required to carry out the works.

vi. The events that influences the carrying out of the Works, including float and the Contractors Time risks allowances.

vii. Identifying and procurement of long lead items.

viii. Other programming information as set out in the Scope of Work.

ix. A detailed cash flow forecast based on the programme and the Activity schedule.

f. Management Plans

i. Project Management Plan – shall include as a minimum the following:
   • Overview and Project Strategy
   • Project Standards and setup
   • Project Scope
   • Cost and Financial Management
   • Project Schedule (including Appointment and Commencement of the contract, Design Activities, Reviews and Approvals, Construction, testing and Verification and Handover to the Client
   • Risk Management
   • Sub-Contractor Management
   • Sub-Contractor Management
   • System Engineering
   • Information and Document management
   • Communication and Reporting
   • EMC Control Plan

Additional information can be obtained from Item 2G in the TECHNICAL EVALUATION CRITERIA FOR CONTRACT SSA4003-0007

ii. Health and Safety Plan – shall include as a minimum the following:
   o Applicable Occupational Health and Safety Standards
   o Occupational Health and Safety measures during the Contract
   o Occupational Health and Safety Compliance (compliance to the Act 85 of 1993 and amendments)
   o Health and Safety Meetings
   o Communication and Reporting
   o Personnel
   o Health and Safety Management System - ISO45001:2018

Additional information can be obtained from Item 2H in the TECHNICAL EVALUATION CRITERIA FOR CONTRACT SSA4003-0007

iii. Environmental Management Plan – shall include as a minimum the following:
   • Applicable Environmental Management Standards
   • Environmental Management Measures during the Contract (refer to the EIA)
   • Environmental Management Compliance (compliance to the ACT 107 of 1998 and amendments)
   • Environmental Management Meetings
   • Communication and Reporting
   • Personnel
   • Environmental Management System ISO14001:2015
iv. **Quality Management Plan** – shall include as a minimum the following:
The Contractor shall submit a Quality Management System based on ISO 9001 Quality Management Principals, Industry Standards, Certification and Compliance which is specific to this project using the Applicable Requirements and SOW as a basis for their plan. This will cover all the elements in the SOW for this project and comply with the requirements of the MeerKAT Extension Product Assurance Plan SSA4003-0007-007. The Contractor shall include a contract specific risk matrix as part of his system. This shall as a minimum include the following verification plans:
- Piling Verification Plan
- Foundation Verification Plan
- Foundation Earthing Plan
- Fibre Verification Plan
- Power Verification Plan

Additional information can be obtained from Item 2J in the TECHNICAL EVALUATION CRITERIA FOR CONTRACT SSA4003-0007

v. **Traffic Management Plan** – shall include as a minimum the following:
- Route Selection for Haul roads (minimise environmental impact and take cognisance of no go areas).
- Protection and maintenance of Existing roads (special care for the surfaced roads at all crossings)
- Traffic Signage and traffic control at all crossings (flag person etc.)
- Dust Control
- Communication and Reporting
- Vehicle demarcation and warning systems (decals, rotating lights reverse alarm etc.)
- Additional measures

Additional information can be obtained from Item 2K in the TECHNICAL EVALUATION CRITERIA FOR CONTRACT SSA4003-0007

vi. **EMC Control Plan** – shall include as a minimum the following:
- Description of equipment to be deployed
- The location of the planned deployment (i.e. distance from Core / Spirals) e.g. Construction on site vs Construction Camp
- A Risk Assessment for the planned positions of the expected RFI emissions against Protection levels
- Define risk mitigation tasks during the various construction phases.
- RFI Certificates of Compliance
- RFI Notices
- RFI Permits
- RFI Audits
- RFI Monitoring

Additional information can be obtained from Item 2L in the TECHNICAL EVALUATION CRITERIA FOR CONTRACT SSA4003-0007
T2.4 Evaluation schedules

- **Attached Document**: TECHNICAL EVALUATION CRITERIA FOR CONTRACT SSA4003-0007

1. Tender Eligibility Criteria – Gate Keeper
2A. Contractor Skills and Experience
2B. Minimum Human Resource Requirement
2C. Contractors Construction Equipment Available
2D. Contract Method Statement
2E. Activity Specific Method Statements
2F. Contract Programme
2G. Project Management Plan
2H. Health and Safety Plan
2I. Environmental Management Plan
2J. Quality Management Plan – Piling, Foundation, Earthing, Fibre and Power Verification Plans
2K. Traffic Management Plan
2L. EMC Control Plan

- **Evaluation Schedule 2: Financial Evaluation** – This needs to be placed in the Financial Offer Envelope.
  a. Tender Assessment Schedule (Part two of tender documentation – Financial offer)
  b. C1.1 Offer Portion of Form of Offer and acceptance
T2.5 Other documents that will be incorporated into the contract

- **a. C1.2** Contract Data (Part 2)
- **b. C2.2** Contractors Activity Schedule (submitted here for approval)

Failure to sign the form of offer and acceptance will render the tender “non-responsive”

The Tenderer’s attention is drawn to Part 2 of the Contract Data which requires the Tenderer to tender a fee percentage and a number of other cost parameters. Failure to tender the fee percentage and cost parameters will render the tender non-responsive.

Compensation events which result in changes to the Price are assessed on the basis of Defined Cost (i.e. the cost of the components in the Short Schedule of Cost Components as derived from the tendered cost parameters). The fee percentage is applied to components of Defined Cost when making changes to the Prices in terms of the Contract and cover everything that is not included in Defined Cost. Tenderers need to price the fee percentage and the cost parameters associated with the Schedule of Cost Components realistically as they will be taken into account when evaluating tender offers – see Tender Assessment Schedule.
**Tender assessment schedule (NEC4 ECC – Option A)**

This schedule is for information only and does not need to be completed. The evaluators will apply this schedule to arrive at a comparative offer in the evaluation of tenders.

The parameters tendered in the Contract Data by the Contractor are to be reduced to a common base for comparative purposes as follows:

Tendered total of the Prices (from Activity Schedule / Summary to Bill of Quantities) .................

\[ \text{Client's assumed value of compensation events less the fee for tender evaluation purposes:} \]
\[ = \% \text{ of Tendered total of the Prices} \]
\[ = \frac{100 x \%}{100} = \ldots = \ldots \ldots \ldots \ldots \ldots \cdot \]

The Fee for assumed compensation events
\[ = \% x \text{p\%} \]
\[ = \% \times \text{p/100} = \ldots = \ldots \ldots \ldots \ldots \ldots \ldots \ldots \ldots \ldots \ldots \ldots \]

Cost of percentages associated with the Short Schedule of Cost Components in assumed compensation events = amount calculated from the following table

<table>
<thead>
<tr>
<th>Subcomponent</th>
<th>Estimated percentage of %</th>
<th>Tendered percentages (from Contract Data: Part 2 – Data provided by the Contractor)</th>
<th>Adjustment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Calculation</strong></td>
<td><strong>Amount</strong></td>
</tr>
<tr>
<td>Equipment ex published lists</td>
<td>%</td>
<td>Percentage for adjustment for Equipment in the published lists (+ / - \ldots%)</td>
<td>% x column 2 / 100 x column 3 / 100</td>
</tr>
<tr>
<td>People</td>
<td>%</td>
<td>The fee percentage \ldots%</td>
<td></td>
</tr>
<tr>
<td>Design, manufacture and fabrication outside of working areas</td>
<td>%</td>
<td>The fee percentage \ldots%</td>
<td></td>
</tr>
</tbody>
</table>

**Total cost of percentages in assumed compensation events** \%
Cost of design, manufacture and fabrication outside of Working Areas associated with compensation events = amount calculated from the following table:

<table>
<thead>
<tr>
<th>Category of employee</th>
<th>Hourly rate</th>
<th>Tendered hourly rates (from Contract Data: Part 2 – Data provided by the Contractor)</th>
<th>Total amount (Rand)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Column 2 x column 3)</td>
<td></td>
</tr>
</tbody>
</table>

Total cost of design outside of Working Areas in assumed compensation events ④

Cost of equipment in assumed compensation events = amount calculated from the following table:

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Size or capacity</th>
<th>Rate / unit</th>
<th>Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total cost of equipment in assumed compensation events ⑤

Comparative offer for tender evaluation purposes = ① + ③ + ④ + ⑤

= ........................................ + ........................................ + ........................................ + ........................................ + ........................................

= ........................................