



**MEERKAT EXTENSION INFRASTRUCTURE  
TENDER EVALUATION**

**Tender** : NRF SARAO SKA1-001-2020

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## TECHNICAL EVALUATION CRITERIA FOR THIS TENDER – Evaluation Schedule 1

### 1 – TENDERER ELIGIBILITY CRITERIA: GATE KEEPER

ITEM	REQUIREMENT	GO / NO GO
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	
b.	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 issued by the South African Revenue Service	
c.	The tenderer submits 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	
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.	The tenderer has completed the Municipal declaration and returnable documents.	
i.	The tenderer is registered and in good standing with the compensation fund or with a licensed compensation insurer as contemplated in the Compensation for Occupational Injuries and Diseases Act 1993 (Act No. 130 of 1993)	
j.	Annual Financial Statements Declaration - Letter from an independent Financial Auditor confirming good standing	

ITEM	REQUIREMENT	GO / NO GO
k.	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	
l.	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.	
m.	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	
	TOTAL SCORING = 13	

- Enter a value of 1 (one) for GO and a value of 0 (zero) for NO GO
- Bidder can only advance with a score of 13. NO further assessment shall be done if this score is not achieved.

## 2A- CONTRACTOR SKILLS AND EXPERIENCE

Item	Description	Score	
		Maximum	Actual
		57	
1 *	<p>The Contractor shall submit a list of similar projects completed during the previous 5 years. This list shall include:</p> <ul style="list-style-type: none"> <li>• Contract description and location</li> <li>• Relevance to this bid</li> <li>• Project values</li> <li>• Project Duration</li> <li>• Any special achievements or innovative procedures</li> <li>• Quality Standards</li> <li>• Variations from design</li> <li>• Total variance between original contract and final contract value</li> <li>• 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</li> </ul>	27	
2 **	<p>The contractor shall submit at least three reference letters from previous clients. The reference letters shall comply with the required information on the template below:</p>	30 (10 / letter)	

## REFERENCE LETTER FORMAT

Bidder's Letterhead

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.

Referee Letterhead	Referee Legal Name
Reference on Company:	
Bid Number:	X
Bid Description	
Client Company	
Client Point of Contact & Tel Number	
Date of Project (From – To)	
Description of Project	
Role of bidder in project	
Relevance to this bid	
Role of bidder in project	

Describe the service/work the above bidder provide to you below				
<b>Criteria/risks</b> <i>(please justify reasons for scoring in separate sheet and place reference in the column)</i>	<b>Below requirements</b> (30%)	<b>Meets requirements</b> (60%)	<b>Exceeds requirements</b> (100%)	<b>Comments</b>
Professionalism				
Was the project delivered on time? If not, why not?				
Was the project delivered within budget? If not, why not?				
Was the project delivered to the required satisfaction/quality to the Client? If not, why not?				
Were there contract variations in the project? If yes, list them and the reason for them				
Role of bidder in project				
Site security management				
Site inventory control				
Accuracy of the prepared bill of quantities				
Portion or re-measurement cost as percentage of the original contract value				

<b>Criteria/risks</b> <i>(please justify reasons for scoring in separate sheet and place reference in the column)</i>	<b>Below requirements</b> (30%)	<b>Meets requirements</b> (60%)	<b>Exceeds requirements</b> (100%)	<b>Comments</b>
Completion times				
Satisfaction of work done				
Adequacy of management team				
Kept to agreed milestone dates				
How well were time delays managed				
Quality of sub-contractor management				
Ethics of the contractor				
Payment management				
Sign-off and hand over processes				
Engineering changes management				
Communication clarity and sufficiency				



<b>Criteria/risks</b> <i>(please justify reasons for scoring in separate sheet and place reference in the column)</i>	<b>Below requirements</b> (30%)	<b>Meets requirements</b> (60%)	<b>Exceeds requirements</b> (100%)	<b>Comments</b>
Delays through loss of key staff				
Overall impression	Other comments			
Approximate value of contract				
Would you use the provider again?	<input type="checkbox"/> YES <input type="checkbox"/> NO			

<b>Completed by:</b>	
<b>Signature:</b>	
<b>Company Name:</b>	
<b>Contact Telephone Number:</b>	
<b>Date:</b>	

- \* - The Contractor shall score 1 point for each item on the list for a maximum of three projects (3 x 9).
- \*\* – Each letter shall be scored based on the judgement matrix provided. Maximum of 10 points per letter.
- Contractor needs to achieve a combined score of 60%.

## 2B - HUMAN RESOURCE SHEET

Schedule 1: Schedule of Key Contractors Design and Site Personnel. All proposed Key Contractor's Design and Construction personnel's information; Qualification, Experience and Professional registration) to be included. Only personnel included on this schedule will be assessed in terms of qualifying criteria

Key Project Manager and Supervisor Personnel	Name	Qualifications	Registration Number	No of years' experience in terms of required skills	CV	Qualifications and Registration documents	SCORE	
							Maximum	Actual
							88	
<b>GENERAL – Project Organogram</b>							<b>10</b>	
Project Organisational Chart for Key Contractor Designer, Contractor Design and Quality Management and Construction Personnel.								
<b>DESIGN PHASE – (Off Site Requirement) Contractors Consultant</b>							<b>26</b>	
Contractor's Project Manager – Proven NEC Contract Experience Qualification = 1 Registration = 1 Experience = 1 NEC 3/4 Experience = 5							8	
Lead Civil Engineer – Roads and Services Qualification = 1 Registration = 1 Experience = 1							3	

Key Project Manager and Supervisor Personnel	Name	Qualifications	Registration Number	No of years' experience in terms of required skills	CV	Qualifications and Registration documents	SCORE	
Lead Electrical Engineer Qualification = 1 Registration = 1 Experience = 1							3	
Lead Civil Engineer – Structures Qualification = 1 Registration = 1 Experience = 1							3	
Lead Geotechnical Engineer Qualification = 1 Registration = 1 Experience = 1							3	
Lead Mechanical Engineer Qualification = 1 Registration = 1 Experience = 1							3	
RFI Specialist Electronic Engineer Qualification = 1 Registration = 1 Experience = 1							3	

Key Project Manager and Supervisor Personnel	Name	Qualifications	Registration Number	No of years' experience in terms of required skills	CV	Qualifications and Registration documents	SCORE	
<b>CONSTRUCTION PHASE – Design and Quality Management – On Site Requirement – Contractors Consultant</b>							<b>24</b>	
Contractor's Project Manager – Proven NEC Contract Experience Qualification = 1 Registration = 1 Experience = 1 NEC 3/4 Experience = 5							8	
Civil Engineer / Technician (Structures) Qualification = 1 Experience = 1							2	
Civil Engineer / Technician (Roads and Services) Qualification = 1 Experience = 1							2	
Civil or Geotechnical Engineer / Technician (Civil Engineering Materials) Qualification = 1 Experience = 1							2	

Key Project Manager and Supervisor Personnel	Name	Qualifications	Registration Number	No of years' experience in terms of required skills	CV	Qualifications and Registration documents	SCORE	
Electrical Engineer / Technician Qualification = 1 Experience = 1							2	
Occupational Health, Safety & Environmental (SHE) Agent Qualification = 1 Registration = 1 Experience = 1							3	
Quality Assurance Officer Qualification = 1 Experience = 1							2	
RFI Compliance Manager Electronic Engineer Qualification = 1 Registration = 1 Experience = 1							3	

Key Project Manager and Supervisor Personnel	Name	Qualifications	Registration Number	No of years' experience in terms of required skills	CV	Qualifications and Registration documents	SCORE	
Professional Land Surveyor (only required for setting out of foundation position and orientation) Qualification = 1 Registration = 1 Experience = 1							3	

Key Project Manager and Supervisor Personnel	Name	Qualifications	Registration Number	No of years' experience in terms of required skills	CV	Qualifications and Registration documents	SCORE	
<b>CONSTRUCTION PHASE – Construction Management – On Site Requirement</b>							<b>28</b>	
Senior Site Agent – Proven NEC Contract Experience Qualification = 1 Registration = 1 Experience = 1 NEC 3/4 Experience = 5							8	
Senior Quantity Surveyor Qualification = 1 Registration = 1 Experience = 1							3	
General Foreman / Site Manager – Civils Qualification = 1 Experience = 1							2	
Junior Site Agent – Electrical Qualification = 1 Experience = 1							2	

Key Project Manager and Supervisor Personnel	Name	Qualifications	Registration Number	No of years' experience in terms of required skills	CV	Qualifications and Registration documents	SCORE	
Master Electrician Qualification = 1 Registration = 1 Experience = 1							3	
Senior Surveyor Qualification = 1 Experience = 1							2	
Junior Site Agent – Piling Qualification = 1 Experience = 1							2	
Occupational Health, Safety & Environmental (SHE) Representative (Full time on site) Qualification = 1 Experience = 1							3	

\*If the applicable personnel have a proven track record of managing NEC contracts, a further 5 points can be scored (3 points for the standard requirements)

- Score 1 if Qualification is attached
- Score 1 if proof of Registration is attached
- Score 1 if detail list of experience is attached

The Contractor needs to score 75% for this requirement.



## 2C - CONTRACTORS CONSTRUCTION EQUIPMENT AVAILABLE

Item	Equipment Description (Include make & model, size, capacity, age)	Quantity	Owned or Hired	Hire Contract in place? Y/N	All-inclusive hourly rate	Score	
						Maximum	Actual
						54	
1	Excavators					3	
2	TLB's (Tractor, loader, backhoe)					3	
3	ADT's (Articulated Dump Trucks)					3	
4	Road graders					3	
5	Tipper trucks					3	
6	water trucks					3	
7	Rollers					3	
8	Plate compactors					3	
9	Bulldozer (optional)					3	
10	Recycler (optional)					3	
11	Concrete Batching Plant					3	
12	Concrete trucks					3	
13	Crane trucks					3	
14	Trenchers (optional)					3	
15	Lowbed					3	
16	Piling rig with all required drilling flights					3	
17	Mobile Crane (for assembly / disassembly of Piling rig etc.)					3	
18	Contractor to indicate any spare capacity					3	

- Score 3 if it is own equipment/plant and 1 if it is hired equipment/plant. Hired equipment/plant with a hire contract in place will score 2.
- Proof of ownership of equipment/plant is required.
- The Contractor needs to achieve 65% for this requirement
- The equipment stated above needs to be available to the project for the duration of the required activity.
- Equipment indicated needs to satisfy the resource requirements stated in the proposed and contract programme.
- All-inclusive Hourly Rates indicated shall be used to assess any compensation events. (These rates include equipment, maintenance, fuel, GET's, operator, overtime, site establishment etc.)

## 2D – CONTRACT METHOD STATEMENT

Item	Description  This method statement needs to be specific to the <sup>1</sup> Scope of Work for this project.	Score	
		Maximum	Actual
		30	
This method Statement must as a minimum address the following aspects:			
1	Planning	3	
2	Detailed Design process and approvals	3	
3	Lead time for manufactured products & transportation to site	3	
4	Safety, Health, Environmental & Quality considerations during the design phase	3	
5	Construction process (including all testing)	3	
6	Safety, Health, Environmental & Quality compliance during the construction phase	3	
7	Testing and Verification	3	
8	Completion and handover	3	
9	Skills development – Proposed Training of SME’s, QSE’s and Labour – Formal and Informal training	3	
10	ISO 9001 Quality Management System or Equivalent, based on the following principals:	3	
	<ul style="list-style-type: none"> <li>• Customer Focus</li> </ul>		
	<ul style="list-style-type: none"> <li>• Leadership</li> </ul>		
	<ul style="list-style-type: none"> <li>• Involvement of people and local communities</li> </ul>		
	<ul style="list-style-type: none"> <li>• Process approach</li> </ul>		
	<ul style="list-style-type: none"> <li>• System approach</li> </ul>		

<sup>1</sup> Scoring will be done in terms of meeting the SOW requirements.

Item	Description  This method statement needs to be specific to the <sup>1</sup> Scope of Work for this project.	Score	
		Maximum	Actual
		30	
	<ul style="list-style-type: none"> <li>Continual Improvement</li> </ul>		
	<ul style="list-style-type: none"> <li>Fact-based decision making</li> </ul>		
	<ul style="list-style-type: none"> <li>Mutually beneficial supplier relationships</li> </ul>		

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

- The Contractor needs to score 60% for this requirement.

## 2E – ACTIVITY SPECIFIC METHOD STATEMENTS

Item	Description	Score	
		Maximum	Actual
		55	
<b>1</b>	<b>Borrow Pits</b>	<b>5</b>	
	Exploration and material classification		
	Mining and transport		
	Rehabilitation and Close-out		
	Quality Control and Documentation		
<b>2</b>	<b>Road Construction</b>	<b>5</b>	
	Setting out		
	Site Clearing		
	Layerworks		
	Stormwater structures		
	Erosion Control		
	Haul Roads and Haul Road Rehabilitation		
	Water Management		
	Quality Control and Documentation		
<b>3</b>	<b>Platform Construction</b>	<b>5</b>	
	Setting out		
	Site Clearing		
	Layerworks		
	Quality Control and Documentation		

Item	Description	Score	
		Maximum	Actual
		55	
<b>4</b>	<b>Piling</b>	<b>10</b>	
	Setting out		
	Setting up and dismantling of Piling rig		
	Soil Profile at each hole		
	Reinforcing, reinforcing installation and pouring of concrete		
	Quality control and documentation		
	Verification of Piling accuracy and quality		
<b>5</b>	<b>Foundations</b>	<b>20</b>	
	Positioning and Orientation (Land Surveyor)		
	Setting out		
	Excavate, place cable ducting		
	Earthing installation		
	Shutter, holding down bolts and reinforcing		
	Mixing, placing finishing and curing of concrete		
	Backfilling around structure		
	Cleaning and rehabilitation around platform		
	Quality control and documentation		
	Verification of foundation accuracy and function and Earthing quality		
<b>6</b>	<b>Power and Fibre Installation</b>	<b>5</b>	
	Setting out		
	Verification of existing services		

Item	Description	Score	
		Maximum	Actual
		55	
	Excavation, bedding and blanket, backfilling		
	Installation of Electrical cable and cable jointing		
	Installation of Fibre ducting		
	Installation of Fibre Ducts		
	Installation of Manholes and Hand Holes		
	Installation of Cable Markers		
	Installation of Mini-substations and connection of cables.		
	Test and Verification procedures for the Electrical system (Cables, connections, minisubs, transformers etc.)		
	Power ramp-up and roll-out plan (As a minimum this shall include details:) a) Required Power outages b) Commissioning Plan c) Power integration Plan i.e. Protection Settings d) Network Handover procedure e) Roles and Responsibilities		
	FATS and SATS		
	Type Tests, Routine Tests and special test reports		
	Quality control and documentation (as-built)		
<b>7</b>	<b>Contractors Construction Camp</b>	<b>5</b>	
	Setting out		
	Installation of underground services - Water reticulation and Wastewater reticulation and Power (Excavation, pipework, manholes, connection points, backfilling, electrical kiosks etc.)		

Item	Description	Score	
		Maximum	Actual
		55	
	Construct Gravel Platform		
	Erecting Fences and gates		
	Supply and Installation of Water treatment plant		
	Supply and Installation of Waste Water treatment plant		
	Supply and installation of all Water tanks (raw and treated water, treated waste water)		
	Construction of Evaporation pond		
	Quality control and documentation		
	Verification of water quality – continuous through project.		
	Connection and reticulation from the existing 33Kv line for purposes of providing power supply to the Construction Camp, incl. provision for metering.		

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

- The Contractor needs to score 60% for this requirement



## 2F - CONTRACT PROGRAMME

Item	Description	Score	
		Maximum	Actual
		45	
1	The Commencement Date, commencement of the Works, Due Completion Date, and the planned completion date	5	
2	Key Milestone dates as stipulated in the SOW document (Design Phase, Construction Phase, completion of early four foundations and contract completion date)	5	
3	The sequence, timing and resources for carrying out the Works	5	
4	Sequence and durations	5	
5	The dates for Site accesses and possessions, approvals, instructions, inspections, tests and all information required to carry out the Works	5	
6	The events that influence the carrying out of the Works, including float and the Contractor's time risk allowances	5	
7	Procurement of long lead items	5	
8	Other programming information set out in the Scope of Work	5	
9	A detailed cash flow forecast	5	

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

The Contractor needs to score 60% for this requirement.

## 2G - PROJECT MANAGEMENT PLAN

Item	Description <b>This plan needs to be specific to the Scope of Work for this project.</b>	Score	
		Maximum	Actual
		<b>70</b>	
Detailed PMP for the duration of this contract. The PMP must as a minimum address the following aspects:			
1	Overview and project strategy	5	
2	Project standards and setup	5	
3	Project Scope	5	
4	Cost and financial management	5	
5	Project Schedule (Including Appointment and Commencement of contract, Design Activities, Reviews and Approvals, Construction, Testing and Verification and Handover to Client)	5	
6	Risk Management	5	
7	Sub-contractor management	5	
8	System Engineering	5	
9	Information & Document management	5	
10	Communication and reporting	5	
11	EMC Control Plan	20	

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

**The Contractor needs to score 60% for this requirement.**

## 2H – HEALTH AND SAFETY PLAN

Item	Description	Score	
		Maximum	Actual
		35	
The Occupational Health and Safety Plan must as a minimum address the following aspects:			
1	Applicable Occupational Health and Safety Standards	5	
2	Occupational Health and Safety Measures during the Contract	5	
3	Occupational Health and Safety Compliance (compliance to the ACT 85 of 1993 and amendments)	5	
4	Health and Safety Meetings	5	
5	Communication and Reporting	5	
6	Personnel	5	
7	Health and Safety Management System ISO45001:2018	5	

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

- The Contractor needs to score 60% for this requirement.

## 2I – ENVIRONMENTAL MANAGEMENT PLAN

Item	Description	Score	
		Maximum	Actual
		35	
The Environmental Management Plan must as a minimum address the following aspects:			
1	Applicable Environmental Management Standards	5	
2	Environmental Management Measures during the Contract (refer to the EIA)	5	
3	Environmental Management Compliance (compliance to the ACT 107 of 1998 and amendments)	5	
4	Environmental Management Meetings	5	
5	Communication and Reporting	5	
6	Personnel	5	
7	Environmental Management System ISO14001:2015	5	

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

- The Contractor needs to score 60% for this requirement.

## 2J – QUALITY MANAGEMENT PLAN

Item	Description	Score	
		Maximum	Actual
		100	
1	<p>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.</p> <p>Additional verification plans are listed below:</p>	30	
2	<p>Piling Verification Plan. This plan needs to comply with the Foundation L3 Requirements, include a risk matrix and shall as a minimum include the following:</p> <ul style="list-style-type: none"> <li>a) Piling Numbering System</li> <li>b) Pile depths</li> <li>c) Pile Geotechnical Information</li> <li>d) Pile position</li> <li>e) Pile Cut-back</li> <li>f) Pile reinforcement (type, fixing and installation)</li> <li>g) Piling concrete placement (wet and dry conditions)</li> <li>h) Pile concrete test results</li> <li>i) Pile soundness/integrity results</li> </ul>	15	

Item	Description	Score	
		Maximum	Actual
		100	
3	<p>Foundation Verification Plan. This plan needs to comply with the Foundation L3 Requirements, include a risk matrix and shall as a minimum include the following:</p> <ul style="list-style-type: none"> <li>a) Foundation Orientation</li> <li>b) Foundation Services entry (Electrical and Fibre Ducting)</li> <li>c) Foundation - founding level compaction test results</li> <li>d) Foundation blinding</li> <li>e) Foundation reinforcing (Type, fixing and Installation as well as splicing to Pile reinforcing)</li> <li>f) Holding Down Bolt Group (Steel Certificates, Welding, Galvanising, Transport, Placement, Fixing, Orientation)</li> <li>g) Foundation shuttering (Placement, securing and stripping)</li> <li>h) Placement of Concrete</li> <li>i) Finishing of Concrete</li> <li>j) Curing of Concrete</li> <li>k) Foundation Concrete Results</li> </ul>	25	
4	<p>Foundation Earthing Plan: This plan needs to comply with the Foundation L3 Requirements and shall as a minimum include the following:</p> <ul style="list-style-type: none"> <li>a) Earthing plan with all calculations showing compliance with requirements</li> <li>b) Earthing cables installation (mat position and orientation – Vertical and Horizontal)</li> <li>c) Connection between Earthing Mat, Pile and foundation reinforcing, Holding Down bolt group and the future pedestal.</li> <li>d) Earthing test to prove compliance</li> <li>e) Mitigation measures should compliance not be reached.</li> <li>f) Final testing, witnessing and certification.</li> </ul>	10	

Item	Description	Score	
		Maximum	Actual
		100	
5	<p>Fibre Verification Plan: This plan shall include a risk matrix and as a minimum include the following:</p> <ul style="list-style-type: none"> <li>a) Fibre network design parameters that includes all required trenches, microducts, location of manholes and drawpits required.</li> <li>b) Fibre network design parameters that includes all backhaul fibre cables (144 fibre), distribution microcables (12 fibre), fibre joint locations, and Receptor fibre termination patch panel arrangements.</li> <li>c) Fibre termination arrangements in the KAPB ODF Room, KAPB Equipment and TFR Rooms, with detailed description of the fibre cabling connectivity through the waveguide entrance arrangement.</li> <li>d) Specification and manufacturer of all components to be provided under the contract.</li> <li>e) Description of the Quality Assurance method and supervision to be deployed throughout the contract.</li> <li>f) Fibre testing regime and documents to be provided.</li> <li>g) Final testing, witnessing and certification.</li> <li>h) FATS and SATS Testing</li> </ul>	10	
6	<p>Power Verification Plan: This plan shall include a risk matrix and as a minimum include the following:</p> <ul style="list-style-type: none"> <li>a) Complies to Power L3 Requirements as per SKA-TEL-INSA-0000554.</li> <li>b) FATS and SATS Testing</li> <li>c) Commissioning Tests (Check Sheet)</li> <li>d) Type Test, routine and special test documentation</li> <li>e) Power Ramp-up and Roll-out plan</li> </ul>	10	

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

- The Contractor needs to score 80% for this requirement

## 2K – TRAFFIC MANAGEMENT PLAN

Item	Description	Score	
		Maximum	Actual
		35	
The Traffic Management Plan must as a minimum address the following aspects:			
1	Route selection for haul roads (minimise environmental impact)	5	
2	Protection of existing roads (especially the surfaced road at all crossings)	5	
3	Traffic signage and traffic control at all crossings (flag persons etc.)	5	
4	Dust Control	5	
5	Communication and Reporting	5	
6	Vehicle demarcation and warning systems	5	
7	Additional measures	5	

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

- The Contractor needs to score 60% for this requirement.



## 2L – EMC CONTROL PLAN

Item	Description	Score	
		Maximum	Actual
		40	
The EMC Control Plan must as a minimum address the following aspects:			
1	Description of equipment to be deployed	5	
2	The location of the planned deployment (i.e. distance from Core / Spirals) e.g. Construction on site vs Construction Camp	5	
3	A Risk Assessment for the planned positions of the expected RFI emissions against Protection levels	10	
4	Define risk mitigation tasks during the various construction phases.	10	
5	RFI Certificates of Compliance	2	
6	RFI Notices	2	
7	RFI Permits	2	
8	RFI Audits	2	
9	RFI Monitoring	2	

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

- **The Contractor needs to score 60% for this requirement.**