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NEC3 Engineering & Construction Contract

PART TWO – TECHNICAL REQUIREMENTS

**Beehive Building Roof Replacement Project in the New
Germany Office Complex, KZN Operating Unit, Central East
Cluster.**

ENQUIRY NUMBER : KZN067

TENDERER NAME: _____

TENDER CLOSING : 07 FEBRUARY 2023 - 10H00AM

1. INTRODUCTION

This document establishes the standard technical evaluation criteria strategy for the Commercial inquiry to appoint a contractor that will demonstrate the competency and capacity for the execution of the Bee Hive roof replacement turnkey contract.

2. REVISION HISTORY

Date	Rev	Compiler	Remarks
October 2022	0	P.A Moabi	First Issue

3. TECHNICAL SCOPE

The scope of work will be as follows:

- a. All the Engineering (Designs), Procurement and Construction: providing Eskom with the roof that is not leaking and ready for us to occupy on the target date.
- b. The design should include the following:
 - i. Relevant Drawings and Detailed specifications (scope of work) for the above mentioned at point “a” this should be in addition to the scope given below
 - ii. Your design should guarantee at least a minimum of 10 years of service before any more repairs could be done on this roof with indications of maintenance intervals
 - iii. The service provider that will be tasked to do the design for the above-mentioned designs should meet the following requirements, should be registered as service provide with the relevant authorities (NHBRC for e.g.), Should have a professionally registered person with ECSA in their employment (Structural Engineer or technologist with minimum 5 years as structural engineer or technologist)

Perimeter gutters: Remove the fascia on the lower edge of the roof sheeting over each quadrant and install new gutters. These gutters are to discharge into downpipes which in turn discharge into the lower box gutter.

Valley box gutter (VBG): The valley box gutters are to be lined with fiberglass with an upstand flashing

Lower box gutter (LBG): These gutters are to be repaired where they are corroded and lined with fiberglass with an upstand flashing onto the side cladding. Overflow gargoyles are to be installed on the outer face of these gutters as a Precautionary measure in the event of the downpipes being clogged or only partially functional.

External Downpipes (ED): The external downpipes are to be cleaned and repaired or replaced as necessary.

Internal Downpipes (ID) / Full Bore Outlet: All the excess waterproofing material is to be removed from the internal downpipes to maximize the diameter of the opening. The inlet into the downpipe is then to be re-waterproofed using a single layer of fabric-type waterproofing.

Roof sheeting and side cladding: All existing roof sheeting, boarding, and side cladding are to be removed. The roof sheeting is to be replaced with 0.8mm Saflok 700 Colorplus sheeting. The side cladding will be replaced with 0.53mm Colorplus IBR 686 profile sheeting with a narrow flute facing out.

Ridge Capping: The ridge caps are to be removed and install new

Hip Flashing: The hips are to be sealed using a flashing.

Windows: All windows in the atrium area are to be removed and replaced with poly-carbon sheeting. The side cladding will be attached to new sheeting rails.

Waterproofing and drainage: The existing waterproofing on the concrete slab is to be removed. The slab is then to be re-screeded towards the existing outlets. Finally, the slab is to be waterproofed using new Derbigum-type waterproofing, as per the manufacturer's instructions.

New Plinths: Concrete plinths are to be installed in locations where the steelwork is fixed to the concrete slab. These plinths are to be waterproofed using Derbigum-type waterproofing.

Underground Stormwater Drainage: All existing underground stormwater pipes and manholes are to be cleaned and repaired or replaced as necessary. Details of the pipe investigation are shown in the Camjet report.

Painting of existing steelwork: All steelwork is to be wire brushed to remove rust and repainted using high-quality corrosion resistant paint.

Definitions

Definition	Explanation
Mandatory Criteria	Mandatory criteria (gatekeepers) are 'must meet' criteria. These criteria shall not be weighted, or point scored but shall be assessed on a Yes/No basis as to whether or not the criteria are met. An assessment of 'No' against any criterion shall technically disqualify the tenderer and shall not be further evaluated against Functional Criteria.
Functional Criteria	Bids meeting the Mandatory Evaluation Criteria will be evaluated against the Functional Evaluation Criteria to allocate an evaluation result (score). Only those submissions achieving a score meeting or exceeding the defined threshold will be considered for further processing.
Enquiry Returnable	Items stipulated in the Tender Enquiry, defined as mandatory and functional, are to be submitted as part of the tender submission. Also known as evidence.
Non-scoring /Informational Evidence	Additional evidence is required either during the tender stage or contract award stage which is not scored and will not affect the final score allocated to the submission.

List Abbreviations

Abbreviation	Meaning
SACPCMP	South African Council for the Project and Construction Management Professions

4. TECHNICAL STRATEGY

The evaluation strategy and supporting criteria described in the following sections will be used to evaluate qualifying bids.

The technical evaluation process will follow a chronological order which will start with Stage 1, namely mandatory requirements. If all Stage 1 requirements have been satisfied then the evaluation will proceed to Stage 2, which is the evaluation of the predefined functional requirements.

All functional criteria will be scored, and a threshold will be set for stage 2. If the stage 2 threshold is met, then the qualifying bids will be processed further for selection.

Stage 3 will include non-scoring/informational criteria to be assessed at the contract award stage.

5. STAGE 1: MANDATORY CRITERIA AND RETURNABLE

If the Mandatory requirements **ARE NOT MET**, then the evaluation will **NOT PROCEED** further.

If the Mandatory requirements **ARE MET**, then the evidence will be used for scoring in the Functional Evaluation.

TABLE 1: MANDATORY CRITERIA AND RETURNABLE				
No	Criteria	Returnable	Further Notes	Minimum Requirements
1	Tools & Equipment Registers	<u>Completed, Dated and signed</u> Tools and equipment List by the Owner/Managing Director/CEO (see templates in Annexure B) Signed by the Managing Director/CEO/Owner	Refer to Note 2: item no: Error! Reference source not found..	1 x Tools & Equipment Register
2	Vehicle and Plant Register	<u>Completed, Dated, and signed</u> Vehicle Register in the required template by the CEO/Managing Director/Owner (see template in Annexure C) Signed by the Managing Director/CEO/Owner	Refer to Note 2: item no: 5 below.	1x Vehicle & Plant Register
3	Compliance to Eskom Method Statements	Submission of Letter to acknowledge Eskom specifications and standards – Annex A	Refer to Note 2: item no: 0 below.	Signed Annex A by the CEO/managing director/owner of the company– Acknowledgement of Method Statements
4	Company Organogram – Technical Team	1 x <u>Completed, dated and signed</u> Organogram of the Technical Team (Inclusive of Civils and Building teams) signed by the Managing Director/CEO/Owner	Refer to Note 2: item no: 3 below.	1 x <u>Completed, dated and signed</u> Organogram of the Technical Team by the Managing Director/CEO/Owner
5	Construction works- Building/Roof installation Team(s)	Civil Engineering- National Diploma OR B-Tech Degree OR B-Eng. Degree OR BSc-Eng. Degree OR Training Certificate(s) for construction or installation of roofs (this should include steel trusses) and affidavit	All Submitted copies of degrees/certificates/registration are to be certified and dated. Building Construction Related Training must be Specific to roof installation. If the certificate does not indicate the modules, then submit the detailed content for the course(s) attended.	2 x Any qualified resources required with the stated qualification

TABLE 1: MANDATORY CRITERIA AND RETURNABLE				
No	Criteria	Returnable	Further Notes	Minimum Requirements
			<p>The persons listed here need to be part of the technical team as indicated on the submitted Company organogram.</p> <p>Refer to Note 2: item no: 3 below.</p>	
6	Contractors Experience & Workload Registers	<p><u>Completed, Dated and signed</u> Contractor's Experience Registers for (see templates in Annexure I)</p> <p>Signed by the Managing Director/CEO/Owner</p>	Refer to Note 2: item no: 6 below.	1 Industrial Roof installation Construction Works Contractors Experience Register – Minimum 1 related Industrial roof installation Construction Projects Required (Building/structural works)

Note 2: MANDATORY CRITERIA AND RETURNABLE

1. Tools & Equipment Registers:
 - 1.1. Tools & Equipment Registers: Shall demonstrate compliance with the requirements of **Table 1 above**
 - 1.2. If the tools & Equipment lists are not dated, signed, and incomplete, they will not be accepted as valid evidence.
 - 1.3. Refer to Annexure B for the *Tools and Equipment Register* Template.
 - 1.4. "Completed" means that the company name and other company information are filled in, AND relevant tables in the Contractor's Experience Registers contain information and are not left blank.
 - 1.5. If the submission proceeds to Stage 2, the same register will be used for scoring. An additional copy of the register for scoring purposes is not required.
2. Compliance with Eskom Method Statements: The acknowledgment waives the requirement for the contractor to write generic safe work procedures at tendering stage. Refer to **Annex A: Acknowledgement of Method Statements** for the letter template.

3. Company Organogram – Technical team:

- 3.1. Include names and /or ID numbers of the company owner(s), vehicle owner(s), and construction staff (roof installation includes laying of roof sheeting, Civil engineering works include concrete roof works and gutter and downpipe drainage) as listed in TABLE 3, for Skills and Training requirements.
- 3.2. **Important note:** If the organogram is not dated, signed, and incomplete by the required signatories as stated in **TABLE 1: MANDATORY CRITERIA AND RETURNABLE**, it will not be accepted as valid evidence.
- 3.3. “Completed” means that the company name and other company information are filled in, AND the Organogram contains relevant information and is not left blank.

4. “Roof installation Works”; resources refer strictly to resources employed in the tendering company that has achieved the required, accredited training on the subject and experience.

- 4.1. The training curriculum will be evaluated against the requirements as set out in **Table 1 above**
- 4.2. Training Certificates: Training certificates for the provided training shall be submitted as evidence. A complete set of certificates for each resource listed shall be required.
- 4.3. Copies of all training certificates shall be certified by a Commissioner of Oaths legible and certified not older than three months from the date of tender close. The Commissioner’s details, with signature and date, must be visible.
- 4.4. Tenderers are to ensure that all copies of technical returnable/s are clear and legible. Copies deemed **NOT TO BE LEGIBLE** will **NOT BE ACCEPTED** as evidence
- 4.5. Affidavit: The affidavit submitted must be completed and submitted as confirmation of employment of the resources named on the certificates, at the tendering company, during the tender period. Refer to Annexure B for the Affidavit Template. The affidavit template provided must be used as the returnable.

5. Vehicle and Plant Register:

- 5.1. Vehicle and Plant Register: Shall demonstrate compliance with the requirements of **Table 1 above**
- 5.2. If the Vehicle and Plant Registers are not dated, signed, and incomplete they will not be accepted as valid evidence.
- 5.3. Refer to Annexure C *Vehicle Register* Template.

- 5.4. “Completed” means that the company name and other company information are filled in, AND relevant tables in the Vehicle and Plant register contain information and are not left blank.
 - 5.5. If the submission proceeds to Stage 2, the same register will be used for scoring. An additional copy of the register for scoring purposes is not required.
6. Contractors Experience & Workload Registers:
 - 6.1. Contractors Experience & Workload Registers: Shall demonstrate compliance with the requirements of **Table 1 above**
 - 6.2. If the Contractors Experience and Workload registers are not dated, signed, and incomplete they will not be accepted as valid evidence.
 - 6.3. Refer to Annexure I for the Contractors Experience & Workload Register Templates.
 - 6.4. “Completed” means that the company name and other company information are filled in, AND relevant tables in the Contractor’s Experience Registers contain information and are not left blank.
7. Tenderers shall not modify the template forms/tables in any manner. Only the relevant data is to be populated in the template forms/tables (refer to templates provided in the various Annexures at the end of this document. Modification of the forms/tables will lead to exclusion of the data which will impact final scoring.
8. Submissions that contain suspected fraudulent evidence will be referred to the appropriate forensic departments for further investigation

6. STAGE 2: FUNCTIONAL CRITERIA AND RETURNABLE

The evidence will be assessed, and scores will be allocated accordingly. There are no part marks allowed.

Note that the stipulated criteria do not represent the full extent of training, tools and equipment required for the execution of the works. The full requirements must be defined and fulfilled by the appointed contractor.

The minimum threshold is set at 75%.

Copies of all training certificates shall be certified by a Commissioner of Oaths legible and not older than three months from the date of tender close. The Commissioner's details, with signature and date must be visible.

The functional criteria will consist of 4 main sections and each section will be weighted as per **TABLE 2**, below.

TABLE 2: SUMMARY OF FUNCTIONAL CRITERIA SECTIONS AND WEIGHTING		
No	Criteria Section	Weight
1	Skills and Training	35%
2	Tools and equipment	10%
3	Plant and Vehicles	10%
4	Related Work Experience	45%

The following evidence must be submitted by the tender closing date

6.1 SKILLS AND TRAINING REQUIREMENTS

TABLE , below, lists the details of the skills and training requirements that will be evaluated.

TABLE 3: FUNCTIONAL CRITERIA AND RETURNABLE – SKILLS AND TRAINING					
No	Criteria	Returnable	Evidence Notes	Quantity	Weight
1	Construction works- Building/Roof installation Team(s)	<p>Civil Engineering- National Diploma OR B-Tech Degree OR B-Eng. Degree OR BSc-Eng. Degree</p> <p>OR</p> <p>Training Certificate(s) for construction/ installation of roofs (this work should include steel trusses) and Either affidavit or Employment contract</p>	<p>All copies of Submitted certificate(s) to be certified.</p> <p>The persons listed here need to be part of the construction team as indicated on the submitted Company organogram. Refer to Note 2: item no: 3 above.</p> <p>See Items 4,5, and 7 below on this Table (3) for Key Staff requirements</p>	Minimum =2	5%
2	Rigging and Hoisting	<p>Training certificates</p> <p>The certificate must state the training objective achieved as Rigging and Hoisting</p> <p>The certificate must be valid and must not have expired prior to tender closing.</p>	<p>All copies of certificate(s) to be certified.</p> <p>The resource can be employed at the Tendering Company at the time of the tender and should be included in the Organogram if he is part of the tendering company or otherwise if resourced from an external sub-contracted company, a letter of confirmation from the hiring company to be submitted as proof.</p>	Mnimum = 1	5%
3	Crane Operator	<p>Training certificates or permit demonstrating operator training for Cranes (e.g., C33/3/35 or F33/34) (employed by the tendering company) or proof of hiring of an operator when hiring the crane truck.</p>	<p>All copies of certificate(s) are to be certified.</p> <p>Only the Crane Truck in the vehicle evidence is hired from a Bona Fide hiring company, an operator may be hired with the crane. If more than one Crane truck is being hired, the hiring letter must clearly state the number of truck-mounted crane operators available for hire. Otherwise, the</p>	Minimum = 1	

		<p>The certificate must state the training objective achieved against (Code 35 or higher) for Mobile Cranes.</p> <p>The certificate must be valid and must not have expired before the tender closing</p>	<p>person(s) listed here need to be part of the construction team as indicated on the submitted Company organogram.</p>		5%
4	Supervision of Building/Structural roof installation Construction Works	<p>A Signed and completed copy of the Appointed Building/Structural Construction Supervisor's CV (See Annexure E) and A certified copy of qualifications should be submitted.</p> <p>Civil Engineering/Structural Engineering- National Diploma OR B-Tech Degree OR B-Eng. Degree OR BSc-Eng. Degree</p>	<p>All copies of certificate(s) to be certified.</p> <p>Training course to be SAQA registered.</p> <p>The person(s) listed here need to be part of the construction team as indicated on the submitted Company organogram.</p> <p>The requirements for the qualification and experience are:</p> <p>Minimum of Civil/Structural Engineering Diploma/ Degree and 3 years relevant experience</p> <p>And</p> <p>Maximum of Civil/Structural Engineering Diploma/ Degree and 5 years relevant experience</p> <p>Or</p> <p>Minimum Grade 12 certificate and 7 years of onsite experience related to the construction of Structural/Building Works including roof specialist works.</p> <p>And</p> <p>Maximum Grade 12 certificate and 12 years of onsite experience related to the construction of Structural/Building Works including roof specialist works</p>	<p>Minimum = 1 Maximum = 2</p>	<p>2.5% 5%</p>
5	Building/Structural Engineering Roof Installation and refurbishment	<p>A Signed and completed copy of the Appointed Construction Foreman's CV (See Annexure E) and A</p>	<p>All copies of certificate(s) are to be certified.</p> <p>No generic foreman training will be accepted.</p>	<p>Minimum = 1 Maximum = 2</p>	

	Specialist Foreman	Certified copy of Training qualifications as a foreman should be submitted	<p>Training course to be SAQA registered.</p> <p>The person(s) listed here need to be part of the construction team as indicated on the submitted Company organogram.</p> <p>Minimum of Grade 10 and 5 years of practical experience as a Specialist foreman in the Construction of Structural/Building Works including specifically roof installation specialist works.</p> <p>And</p> <p>Maximum of Grade 10 and 10 years of practical experience as a Specialist foreman in the Construction of Structural/Building Works including specifically roof installation specialist works.</p>		2.5% 5%
6	Project Programming and Scheduling	A Completed, dated and signed sample project schedule (see Annexure for project details and sample template)	A Completed, dated and signed sample project schedule (see Annexure for project details and sample template) demonstrating the Tendering Company's ability to program a construction project with a Construction of Building/Structural Works scope related to roof installation or refurbishment. This is only to demonstrate competency in this requirement and does not represent an approved program and schedule for this project.	Minimum = 1	5%
7	Construction Manager	A Signed and completed copy of appointed Construction manager's CV (See Annexure G), and a copy of the Degree or Diploma in construction management and a copy of Pr.CM certificate registered with SACPCMP as a Professional Construction manager	<p>All copies of certificate(s) are to be certified.</p> <p>The Minimum requirements for the qualification and experience are:</p> <p>NQF6 or Construction Management Diploma with 7 years practical experience or Degree with 5 years practical experience as a Construction Manager in Building Construction, refurbishment of Office</p>	Minimum = 1 Maximum =2	2.5% 5%

			<p>Building/Industrial Roofs. Pr.CM Certificate professional construction manager certificate. All copies of certificates to be certified</p> <p>OR</p> <p>The Maximum requirements for the qualification and experience are:</p> <p>NQF6 or Construction Management Diploma with 12 years practical experience or Degree with 10 years practical experience as a Construction Manager in Building Construction, and refurbishment of Office</p> <p>Building/Industrial Roofs. Pr.CM Certificate professional construction manager certificate. All copies of certificates to be certified</p>		
Total Score for Skills and Training Requirements					35%

Note 3: SKILLS AND TRAINING REQUIREMENTS

1. Civil Engineering Construction Resources and Training: “Building/roof installation Engineering Construction Works” resources refer strictly to resources employed in the tendering company that has achieved the required, accredited training on the subject:
2. The resource shall have a minimum of 5 years experience in work that aligns with the scope and definitions as listed in **Error! Reference source not found. Error! Reference source not found. Error! Reference source not found.**
 - 2.1 Curriculum Vitae (CV):
 - 2.1.1 The Curriculum Vitae for **Key Staff** are to be submitted in a **1-page Format** only. Refer to Annexure E-G for the template. **No other CV formats will be accepted.** CVs submitted in formats other than the template in Annexure C, **will not be evaluated.**
 - 2.1.2 **Only the first 1 page of the submitted CVs will be evaluated.** CVs longer than stated 1 page will not count in favor of the Tenderer’s submission.
 - 2.1.3 **No part marks will be allocated.** Thus, only CV submissions that comply with the required experience will be scored. Submissions with less than the required experience will not be scored.
 - 2.1.4 The CVs are to **only include relevant information** which aligns with the scope of work

- 2.1.5 Contact details for references listed in the CV should **be valid and** the reference **“reachable”**, should verification be required.
- 2.1.6 Curriculum Vitae of the following resources shall be required:
 - 2.1.6.1 Curriculum Vitae (CV): Construction Manager (Civil/Structural)(Pr. CM)
 - 2.1.6.2 Curriculum Vitae (CV): Site Supervisor (Civil/Structural)
 - 2.1.6.3 Curriculum Vitae (CV): Site Foreman (Civil/Structural)
- 2.2 Training Certificates: Training certificates for the provided training shall be submitted as evidence. A complete set of certificates for each resource shall be provided.
- 2.3 Should the Tenderer not employ staff with the required roofing and civil engineering training, then the Tenderer shall submit a contractual agreement with an organization/s or individual/s which meets the required criteria.
- 2.4 Affidavit: The affidavit submitted must be completed and submitted as confirmation of employment of the resources named on the certificates, at the tendering company, during the tender period. Refer to Annexure B for the Affidavit Template. The affidavit template provided must be used as the returnable.
- 3. Crane Operators:
 - 3.1 Training certificates or permits demonstrating operator training for cranes mounted on a truck (e.g., C32 or F32) or proof of hiring an operator when hiring the crane truck.
- 4. Rigging and hoisting
 - 4.1 Training certificates or permits demonstrating operator training for rigging and hoisting or better operator) or proof of hiring an operator.
- 5. Copies of all training certificates and affidavits **SHALL BE CERTIFIED** by a Commissioner of Oaths **LEGIBLE AND CERTIFIED NOT OLDER THAN THREE MONTHS** from the date of tender close. The Commissioner’s details, with signature and date, must be **VISIBLE**.
- 6. Tenderers are to ensure that all copies of technical returnable/s are clear and legible. Tenderers are to ensure that all copies of technical returnable/s are clear and legible. Copies deemed **NOT TO BE LEGIBLE** will **NOT BE ACCEPTED** as evidence and will not be accepted.
- 7. Tenderers shall not modify the template forms/tables in any manner. Only the relevant data is to be populated in the template forms/tables (refer to templates provided in the various Annexures at the end of this document. Modification of the forms/tables will lead to exclusion of the data which will impact final scoring.
- 8. Submissions that contain suspected fraudulent evidence will be referred to the appropriate forensic departments for further investigation.

TOOLS AND EQUIPMENT REQUIREMENTS

- a) The criteria (i.e., the list of tools and equipment requirements)
- b) The requirement is to demonstrate access to the listed tools and equipment either through ownership or hiring.
- c) The returnable will be as follows:
 - Return the **COMPLETED, DATED AND SIGNED** Tools and Equipment lists (see Annexure B) which includes all items stated in following tables, indicating on the submission if the item is owned or being hired.
 - **AND** if the item is being hired then for proof of hiring is required. Include a letter from a bona fide hiring company stating the items that are being hired (i.e., all items in the table or the specific items that are being hired). The letter issued will only be accepted if it is issued from a bona fide tool hiring companies or suppliers; letters from Construction Companies will not be accepted. The hiring letter shall be signed by the lessor (hiring company representative).
 - The Returnable/s shall be completed, dated and signed off by the Company Managing Director / Chief Executive Officer / Owner.
 - Tenderers shall not modify the forms / tables in any manner. Only the relevant data is to be populated in the template forms / tables (refer to Annexure B for the templates). Modification of the forms/tables will lead to exclusion of the data which will impact final scoring

Note 3:

- If the tool list is not signed, it will not be accepted as valid evidence.
- If the tool does not meet the minimum number, it will not receive any score for that particular item
- **Company asset registers will not be accepted as valid evidence.**

TABLE 4: FUNCTIONAL CRITERIA AND RETURNABLE – TOOLS & EQUIPMENT REGISTER			
No	Equipment Description	Minimum Quantity	Score
1	Personal Fall Protection	1	0.556%
2	High Lift Material Trucks	1	0.556%
3	Ladders (Step and Extension) (8-9)	1	0.556%
4	Scaffolding	1	0.556%
5	Survey equipment	1	0.556%
6	Roofing blade	1	0.556%
7	Air compressor	1	0.556%
8	Roofing shovel	1	0.556%
9	General construction set (Picks, Shovels, Wheelbarrows, Hand Compactors)	1	0.556%
10	Mechanical Compactors (Trenches (Wacker) & Small Hydraulic compactor)	1	0.556%

11	Concrete Mixer	1	0.556%
12	Wood float	1	0.556%
13	Trowel	1	0.556%
14	Compressor (with jackhammers)	1	0.556%
15	Generator	1	0.556%
16	Toolbox with general tools (Spanners, Pliers, cutters, screwdrivers, tape measure etc.)	1	0.556%
17	Hammers Min. 1800g	1	0.556%
18	Bolt-cutter Med.	1	0.556%
Total Score for Tools and Equipment		18	10%

6.2 VEHICLE AND PLANT REQUIREMENTS

- a) The criteria (i.e., the list of vehicle requirements)
- b) The requirement is to demonstrate access to the listed vehicles either through ownership or hiring.
- c) The returnable will be as follows:
 - Return a **CORRECTLY COMPLETED, DATED AND SIGNED** Vehicle and Plant List in Annexure C which includes all items stated in the table below, indicating on the submission if the vehicle is owned or being hired.
 - Vehicles indicated as Owned will need to be further substantiated by providing the Vehicle Owner's information and position in the tendering company. If the vehicle owner does not hold a position in the company, then the vehicle will not be considered "owned" The organogram will be used as substantiating evidence and the owner stated on the vehicle register must appear on the organogram, in cases where the vehicle is not registered in the tendering company's name
 - **AND** if the vehicle is being hired, then for proof of hiring is required. Include a letter from a bona fide hiring company stating the items that are being hired (i.e., all items in the table or the specific items that are being hired). The letter issued will only be accepted if it is issued from a bona fide vehicle hiring companies or suppliers; letters from Construction Companies will not be accepted. The hiring letter shall be signed by the lessor (hiring company representative).
 - The Returnable/s shall be signed off by the Company Managing Director / Chief Executive Officer / Owner.
 - Tenderers shall not modify the form/table in any manner. Only the relevant data is to be populated in the template forms / tables (refer to Annexure C for the template). Modification of the forms/tables will lead to exclusion of the data which will impact final scoring.

Note:

- If the vehicle register is not signed, it will not be accepted as valid evidence.
- Company asset registers that are not compliant with the vehicle listing contained in Annexure C, will not be accepted as valid evidence.
- A Double Cab Bakkie may be used to transport employees, but only to the maximum carrying capacity for passengers, and tools & equipment up to its load carrying limit may be carried. In such instances, no major line construction material such as poles, or transformers may be carried.

TABLE 5: FUNCTIONAL CRITERIA AND RETURNABLE – VEHICLE & PLANT REGISTER			
No	Vehicle / Plant Type & Description	Minimum Quantity	Score
1	Trailer > 2000kg Suitable to transport materials, plant, and equipment	1	0.4%
2	Truck with suitable Vehicle Mounted Crane (with aerial device) - Minimum 18m reach and 3-ton lifting capacity	1	0.4%

TABLE 5: FUNCTIONAL CRITERIA AND RETURNABLE – VEHICLE & PLANT REGISTER			
No	Vehicle / Plant Type & Description	Minimum Quantity	Score
3	Suitable Transport for workers ((LDV - Double Cab/Minibus) - Minimum 4-person capacity	1	0.4%
4	LDVs (Bakkie)	1	0.4%
Total Scores for Vehicles and Plant		4	10%

6.3 CONTRACTOR'S RELATED WORK EXPERIENCE

- a) The template for recording related work experience is contained in Annex I.
- b) All columns in the template are to be completed for a project to be taken into account. Incomplete or incorrect details captured will result in the work experience not being taken into account.
- c) The project scope shall include the following information about the roof replacement project being constructed. The scope shall also clearly state what work was assigned to and completed by the contractor:
 - Refurbishment – removing and reinstalling the roof, painting, replacement of the gutters and downpipes, etc.
- d) Only Construction/refurbishment of industrial buildings and roof installation-related work experience may be captured. The following criteria should be met for each listed project, if not the project will not be deemed related and excluded from the scoring
 - Construction of industrial buildings (Specific to roof installation).
 - Refurbishment of roofing sheeting for industrial buildings and drainage
 - Work to have been completed and handed over to the client.
- e) 20% will be awarded for each valid project listed. Thus, a maximum of 5 projects is needed to obtain a score of 100% for related work experience.
- f) The returnable will be as follows:
 - Return a **COMPLETED AND SIGNED** Contractor's related work experience register in accordance with the provided template in Annexure I which includes all project details and compliance with the criteria stated above.
 - Listed projects will undergo verification and it is thus advisable to include alternative contact numbers for the Client and/or Project Manager if possible.
 - Tenderers shall not modify the form/table in any manner. Only the relevant data is to be populated in the template forms/tables (refer to Annexure D for the template). Modification of the forms/tables will lead to exclusion of the data which will impact final scoring.

Note:

- If the register is not signed, or the project does not meet the criteria stated above, or the project details are incomplete or incorrect, it will not be accepted as valid evidence.

7. STAGE 3: EVIDENCE AT CONTRACT AWARD

The returnable as per table 6, below, must be submitted.

TABLE 6: DOL RETURNABLE	
Criteria	Proof documentation
Letter of Registration as Civil Contractor (DoL)	Must be certified by a commissioner of Oaths, with a signature and date not older than three months from the issue date of this tender.

The following requirements apply to the Department of Labour Registration as a Civil Contractor:

It is the responsibility of the Civil Contractor to ensure that their Department of Labour Registration is valid and current to be considered for this contract.

The Civil Contractor must be registered with the Department of Labour in terms of regulation 6(4) of the Civil engineering Installation Regulations.

The evidence required is a certified copy of the Letter of Registration as a Civil Contractor from the Department of Labour.

Before the tenderer can sign the contract, their certified copy of the registration letter from the Department of Labour must:

- a) be valid at the time of contract signing,
- b) and not be certified older than three months at the time of contract signing.
- c) be issued in the correct name of the applicable tenderer i.e., Name of Company / Trading Name or Company Owner;
- d) The Civil Contractor's Department of Labour Registration must be reapplied if:
 - i.) the registered person departs from the Company; or
 - ii.) if the letter expires within the duration of the Eskom contract, this must be checked by Project Management.

The Eskom contract buyer must confirm that the registration is valid at the time of contract signing.

Annexure A: Acknowledgement of Method Statements

Date: _____

Enquiries: _____ (Tel No.)

Tender Technical Evaluation Team Leader
Eskom Holdings SOC Ltd

Dear Sir/ Madam

Re: Acknowledgement of Method Statements

This Letter serves to confirm that our company acknowledges and will make use of Eskom's specifications and method statements and will where required provide Eskom with written method statements for site scope of works.

Our company acknowledges that the Eskom method statements are minimum guidelines and shall adapt these to suite the project specific requirements.

Yours Sincerely

Name: _____ (Company Owner)

Signature: _____ (Company Owner)

Company Name: _____

Annexure B: Tools and Equipment Register

Company Name: _____

No	Equipment Description	Min Quantity	Tick Appropriate Box		Quantity
			OWNED	HIRED	
1	Personal Fall Protection	1			
2	High Lift Material Trucks	1			
3	Ladders (Step and Extension) (8-9)	1			
4	Scaffolding	1			
5	Survey equipment	1			
6	Roofing blade	1			
7	Air compressor	1			
8	Roofing shovel	1			
9	General construction set (Picks, Shovels, Wheelbarrows, Hand Compactors)	1			
10	Mechanical Compactors (Trenches (Wacker) & Small Hydraulic compactor)	1			
11	Concrete Mixer	1			
12	Wood float	1			
13	Trowel	1			
14	Compressor (with jackhammers)	1			
15	Generator	1			
16	Toolbox with general tools (Spanners, Pliers, cutters, screwdrivers, tape measure, etc.)	1			
17	Hammers Min. 1800g	1			
18	Bolt-cutter Med.	1			

DECLARATION: I hereby confirm that the tools list above is a true reflection of the tools owned or hired by my Company.

I will also ensure that all tools will be enough to cater for multiple full teams and tools that require calibration will have valid calibration certificates before the execution of work.

Name: _____ (Company Rep)

Signature: _____ (Company Rep)

Tendering Company: _____

Date: _____

Annexure C: Vehicle and Plant register

INSTRUCTIONS: 1. Indicate owned or hired in the columns below. 2. If "Owned", the registration documents will be requested before the contract award. 3. If "Hired", then proof of hiring will be requested before the contract award.			A	B
Mandatory Vehicle	Owned or Hired (Y where appropriate)		Is the Bakkie Double Cab? (Y/N)	Crane Load Lifting Capacity (in Tons)
	O	H		
Trailer > 2000kg			N/A	N/A
People Carrier (e.g., bus, minibus, etc)			N/A	N/A
LDV (Bakkie)			N/A	N/A
Mobile Mounted Crane			N/A	Should be able to carry min 3tons at a radius of 18m or more

DECLARATION: I hereby confirm that the vehicles listed above are a true reflection of the vehicles owned or hired by my Company. I will also ensure that all vehicles will be enough to cater to multiple full teams.

Name: _____ (Company Rep) **Date:** _____

Signature: _____ (Company Rep) **Tendering Company:** _____

Annexure D: Project Programming and Scheduling

The following tasks could for example be included in the Schedule:

Item	Task	Start date	Completion Date
1	Metal Roofing Installation and Refurbishment		
2	Structural Steelwork design and installation		
3	Stormwater Drainage Works (Industrial Types)		
4	Waterproofing for Metal & Concrete roofing		
5	Removing existing Metal Roofing		
6	Removing existing stormwater downpipes		

The schedule must show timelines, dependencies and quality holdpoints

Annexure E: Typical Appointed Structural/Building Construction Supervisors CV

Requirement	CV Details																												
Structural/Building Works Construction Supervisor Name																													
Qualifications																													
Employment History (Row 1 is for the current job. Captured the rest of the employment history in reverse chronological order)	<table><tr><th>Start Date</th><th>End Date</th><th>Company</th><th>Job Title</th></tr><tr><td></td><td>Current</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>	Start Date	End Date	Company	Job Title		Current																						
Start Date	End Date	Company	Job Title																										
	Current																												
Experience as a Structural/Building and Roofing Works Construction Supervisor (Only evidence where the employee was appointed as a supervisor is to be included in this table)	<table><tr><th>Year</th><th>Project Name</th><th>Client</th><th>Tasks as Supervisor</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>	Year	Project Name	Client	Tasks as Supervisor																								
Year	Project Name	Client	Tasks as Supervisor																										

DECLARATION: I hereby confirm that this evidence true reflection of the Construction Supervisors qualifications and experience.

Signature: _____ Name of Tendering Company_____

Annexure F: Typical Appointed Structural/Building Engineering Specialist roofing Foreman CV

Requirement	CV Details																												
Structural/Building Engineering specialist roofing Foreman																													
Qualifications																													
Employment History (Row 1 is for the current job. Captured the rest of the employment history in reverse chronological order)	<table><tr><th>Start Date</th><th>End Date</th><th>Company</th><th>Job Title</th></tr><tr><td></td><td>Current</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>	Start Date	End Date	Company	Job Title		Current																						
Start Date	End Date	Company	Job Title																										
	Current																												
Experience as a Structural/Building Engineering specialist roofing Foreman (Only evidence where the employee was appointed as a foreman for roofing installation/structural or construction is to be included in this table)	<table><tr><th>Year</th><th>Project Name</th><th>Client</th><th>Tasks as Supervisor</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>	Year	Project Name	Client	Tasks as Supervisor																								
Year	Project Name	Client	Tasks as Supervisor																										

DECLARATION: I hereby confirm that this evidence true reflection of the Construction Supervisors qualifications and experience.

Signature: _____ Name of Tendering Company: _____

Annexure G: Typical Appointed Construction Manager’s CV

Requirement	CV Details																															
Construction Manager																																
Qualifications																																
Employment History (Row 1 is for the current job. Captured the rest of the employment history in reverse chronological order)	<table><tr><th>Start Date</th><th>End Date</th><th>Company</th><th>Job Title</th></tr><tr><td></td><td>Current</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>				Start Date	End Date	Company	Job Title		Current																						
Start Date	End Date	Company	Job Title																													
	Current																															
Experience as a Construction Manager (Only evidence where the employee was appointed as a Construction Manager for metal roofing installation is to be included in this table)	<table><tr><th>Year</th><th>Project Name</th><th>Client</th><th>Tasks as Supervisor</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>				Year	Project Name	Client	Tasks as Supervisor																								
Year	Project Name	Client	Tasks as Supervisor																													

DECLARATION: I hereby confirm that this evidence true reflection of the Construction Manager Qualifications and experience.

Signature: _____ Name of Tendering Company: _____

Annexure H: Affidavit Confirming Employment of Resource

I, _____ (full names),

ID Number: _____,

hereby confirm that I am currently employed at:

_____ (Tendering Company Name).

I solemnly declare that all the information contained herein is true.

Signature of Employee: _____

Sworn to/Affirmed before me at _____

on this the _____ day of _____ (month & year).

Commissioner of Oaths/Justice of Peace:

(Commissioner’s details with signature and date)

Annexure I: Contractor’s Related Work Experience Register

Company Name & Company Registration Number: _____

No	Project Name	Structure Type	Scope	Project Value	Client	Client Contact Details	Client Contract Number	Duration
EG	XXXXXXX	Industrial, Houses etc	Roof Refurbishment, New roof installation, Steel work installation etc	Rx xxx xxx	XXXXXXXX	+27 xx xxx xxxx	XXXXXXXXXXXXX	Start Date and End Date
1								
2								
3								
4								
5								

DECLARATION: I hereby confirm that the Work Experience Register above is a true reflection of the actual related work experience of the Company.

Signature of Managing Director / Chief Executive Officer / Owner*

Date:

Company Managing Director / Chief Executive Officer / Owner* **Name:**

(*underline which is applicable)

Tendering Company:

KINDLY ENSURE THAT ALL INFORMATION REQUIRED FOR THE
TECHNICAL SUBMISSION IS SUBMITTED AT TENDER CLOSING
AS NO REQUESTS WILL BE MADE TO SUBMIT
THE OUTSTANDING INFORMATION