

**PART A
INVITATION TO BID**

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF ESKOM HOLDINGS SOC LTD					
BID NUMBER:	OLT2028024	CLOSING DATE:	01 June 2022	CLOSING TIME:	11:00pm (23:00)
DESCRIPTION	Provide Welding on Blowdown Compressors as per scope detailed in Part D				
DELIVERY ADDRESS	Palmiet Power Station N2 East Grabouw	COMPULSORY SITE CLARIFICATION MEETING	Monday, 30 May 2022		
			11:00am		
			All attendees to confirm their interest to attend via ShakhaE@eskom.co.za before the start of the meeting		
THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).					

BID RESPONSE DOCUMENTS MAY BE SUBMITTED VIA: Informaltendering@eskom.co.za

Please note the following rules with respect to the OLT system (Informal Tendering)

- a. **Use the OLT reference pertaining the line item you wish to tender for and submit each OLT separately.**
- b. **Please ensure that the email subject line only contains the relevant OLT Enquiry number heading and no other information.** Do not add any text to the subject line. Do not add any space in between the prefix and the enquiry number.
- c. Ensure that the relevant OLT enquiry number is stipulated in the subject line on all e-mails if multiple emails are sent
- d. Ensure that you receive a confirmation email after submitting your documentation. Please follow up immediately via the email address of the respective buyer if you did not receive this.
- e. Maximum attachment size per email is **10MB**. It is the supplier's obligation to ensure that the attachments per email do not exceed this limit.
- f. Please note closing date and time on the OLT. Your submission will not be evaluated if it is received after the closing date and time of the OLT.
- g. All tender returnables/documentation must be submitted to Informaltendering@eskom.co.za only.
 - E-mails to any other address (except for clarifications) will not be accepted.
 - Failure to comply with these rules will result in your tender being disqualified.
- h. Requests for Clarifications must be sent in writing via email to ShakhaE@eskom.co.za and not to Informaltendering@eskom.co.za. All requests for clarifications and responses must be in writing. Eskom will respond to requests for clarification received within **three (3) working**
- i. **Please see Part C for returnables to be submitted with offer**

Note:

- Due to varying requirements, slight changes could be included in each RFQ document, and suppliers are therefore required to read through the document carefully whenever invited to tender.
- ALL Suppliers are required to be registered (except foreign suppliers) on the National Treasury Central Supplier Database (CSD) as at tender response stage and the respective CSD number must be provided with all quotes together with the Eskom vendor registration number. Responses that do not comply with the CSD requirement will be regarded as non-responsive (except foreign suppliers). For CSD registration: Please register at <https://secure.csd.gov.za/>
- All Suppliers (including Foreign suppliers) are required to complete SBD 1-Invitation to Bid and submit this annexure at tender closing deadline. Local suppliers are required to be tax compliant and must submit CSD Number/ Efiling pin number/ copy of tax clearance certificate as evidence of their tax compliance status.
- Foreign suppliers (even those with no footprint in RSA) are in addition required to answer Part B (3) which is part of the afore-mentioned SBD 1. Should the said foreign suppliers answer "yes" to any of the questions [Part B (3)]; they are required to be tax compliant and must therefore submit their Efiling pin number or copy of tax clearance certificate which will be verified by Eskom.
- All suppliers are required to refer to www.eskom.co.za for the Supplier Integrity Pact that must be downloaded and read. The Integrity Pact Declaration annexure A (attached hereto) named Supplier Declaration Form is a mandatory tender returnable.
- Specify line prices at lines where prices are submitted and indicate no quote at lines where no price is submitted. Refer Part D
- Where "designated sectors" are applicable, ensure that the relevant annexures and declarations are submitted by the OLT deadline, or the submission will be regarded as non-responsive and disqualified.
- You are also required to complete and submit the attached deviation form along with your quotation at OLT closing deadline. If there are deviations, but the deviation schedule has not been completed and/or returned with your quote, your offer will be disqualified.

SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
TCS PIN:			CSD No:		
ESKOM VENDOR NUMBER					
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE [TICK APPLICABLE BOX]		<input type="checkbox"/> Yes <input type="checkbox"/> No	B-BBEE STATUS LEVEL SWORN AFFIDAVIT		<input type="checkbox"/> Yes <input type="checkbox"/> No
IF YES, WHO WAS THE CERTIFICATE ISSUED BY?					
AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA) AND NAME THE APPLICABLE IN THE TICK BOX		<input type="checkbox"/>	AN ACCOUNTING OFFICER AS CONTEMPLATED IN THE CLOSE CORPORATION ACT (CCA)		
<input type="checkbox"/>	A VERIFICATION AGENCY ACCREDITED BY THE SOUTH AFRICAN ACCREDITATION SYSTEM (SANAS)				
<input type="checkbox"/>	A REGISTERED AUDITOR				
	NAME:				
[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/SWORN AFFIDAVIT(FOR EMEs& QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]					
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?		<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?		<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ANSWER PART B:3 BELOW]
PRICING					
TOTAL TENDER PRICE, EXCLUDING DELIVERY					
TOTAL TENDER PRICE INCLUDING DELIVERY BUT EXCLUDING VAT					
TOTAL TENDERED PRICE, INCLUDING VAT					
ARE DELIVERY CHARGES INCLUDED IN THE PRICE			Yes _____	No _____	
CONFIRM DELIVERY LEAD TIME					
OFFER VALIDITY PERIOD			90 days		
ARE THE PRICE/S FIXED AND FIRM?	Yes _____	No _____	RATE OF EXCHANGE:	FOB VALUE:	Freight Insurance:
			_____	_____	_____
DISCOUNT:		TRADE		(2) SETTLEMENT _____	

DO YOU ACCEPT ESKOM HOLDINGS SOC LTD GENERAL CONDITIONS OF PURCHASE?			Yes _____	No _____	
The invitee/tenderer hereby confirms that a copy of the Integrity Pact was obtained, that it understands the provisions thereof and, undertakes to abide by the provisions thereof in any dealings it may have with Eskom and that the signed Integrity Pact Declaration is submitted as a tender returnable by the stipulated deadline.					
SIGNATURE OF BIDDER		DATE			
CAPACITY UNDER WHICH THIS BID IS SIGNED (Attach proof of authority to sign this bid; e.g. resolution of directors, etc.)					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO:					
DEPARTMENT/ PUBLIC ENTITY		Eskom Holdings SOC Ltd			
CONTACT PERSON		Emmanuel Shakhane			
TELEPHONE NUMBER		N/a			
FACSIMILE NUMBER		N/a			
E-MAIL ADDRESS		ShakhaE@eskom.co.za			

PART B
TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:
<p>1.1. BIDS MUST BE SUBMITTED BY THE STIPULATED TIME TO THE CORRECT EMAIL ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.</p> <p>1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED VIA TO Informaltendering@eskom.co.za AS PER SUBMISSION INSTRUCTIONS DETAILED IN PART A</p> <p>1.3. BIDDERS MUST REGISTER ON THE CENTRAL SUPPLIER DATABASE (CSD) TO UPLOAD MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS; AND BANKING INFORMATION FOR VERIFICATION PURPOSES). B-BBEE CERTIFICATE OR SWORN AFFIDAVIT FOR B-BBEE MUST BE SUBMITTED TO BIDDING INSTITUTION.</p> <p>1.4. WHERE A BIDDER IS NOT REGISTERED ON THE CSD, MANDATORY INFORMATION NAMELY: (BUSINESS REGISTRATION/ DIRECTORSHIP/ MEMBERSHIP/IDENTITY NUMBERS; TAX COMPLIANCE STATUS MAY NOT BE SUBMITTED WITH THE BID DOCUMENTATION. B-BBEE CERTIFICATE OR SWORN AFFIDAVIT FOR B-BBEE MUST BE SUBMITTED TO BIDDING INSTITUTION.</p> <p>1.5. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER LEGISLATION OR SPECIAL CONDITIONS OF CONTRACT.</p> <p>1.6. ESKOM RESERVES THE RIGHT TO AWARD A TENDER TO A SUPPLIER WHO MAY NOT BE THE HIGHEST SCORING OR HIGHEST RANKED SUPPLIER FOR THE PURPOSE OF MAXIMISING RECOGNITION OF BLACK OWNERSHIP, BLACK MANAGEMENT CONTROL, SKILLS DEVELOPMENT AND/OR PREFERENTIAL PROCUREMENT IN LINE WITH SECTION (2)(1)(F) OF PPPFA.</p> <p>1.7. ESKOM RESERVES ITS RIGHT TO TERMINATE THIS PROCUREMENT PROCESS IN THE EVENT THAT INFORMATION COMES TO LIGHT (IN WHATEVER WAY OR FORM) THAT IT MAY SUFFER SERIOUS REPUTATIONAL DAMAGE BY DOING BUSINESS WITH THE SUPPLIER OR, ALTERNATIVELY, INFORMATION IS RECEIVED BY ESKOM THAT THE SUPPLIER (HOWSOEVER), WHETHER DIRECTLY OR INDIRECTLY, MAY BE INVOLVED IN CORRUPT PRACTICES AND ACTIVITIES IN VIOLATION OF THE PREVENTION AND COMBATING OF CORRUPT PRACTICES ACT, NO.12 OF 2004 (PRECCA), THE PREVENTION OF ORGANISED CRIME ACT, 121 OF 1998 (POCA), THE PUBLIC FINANCE MANAGEMENT ACT, NO. 1 OF 1999 (PFMA) AND THE CONSTITUTION.</p>
2. TAX COMPLIANCE REQUIREMENTS
<p>2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.</p> <p>2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VIEW THE TAXPAYER'S PROFILE AND TAX STATUS.</p> <p>2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) OR PIN MAY ALSO BE MADE VIA E-FILING. IN ORDER TO USE THIS PROVISION, TAXPAYERS WILL NEED TO REGISTER WITH SARS AS E-FILERS THROUGH THE WEBSITE WWW.SARS.GOV.ZA.</p> <p>2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS TOGETHER WITH THE BID.</p> <p>2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE PROOF OF TCS / PIN / CSD NUMBER.</p> <p>2.6 WHERE NO TCS IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.</p>
3. QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS
<p>3.1. IS THE BIDDER A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>3.2. DOES THE BIDDER HAVE A BRANCH IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>3.3. DOES THE BIDDER HAVE A PERMANENT ESTABLISHMENT IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>3.4. DOES THE BIDDER HAVE ANY SOURCE OF INCOME IN THE RSA? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN, IT IS NOT A REQUIREMENT TO OBTAIN A TAX COMPLIANCE STATUS / TAX COMPLIANCE SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 ABOVE.</p>

NB: FAILURE TO PROVIDE ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

PART C TENDER RETURNABLES

C.1 Attachments issued with this OLT Invitation to Tender

- **Attachment 1:** Integrity Pact Declaration – Annexure A
- **Attachment 2:** Preference Claim Form – SBD 6.1
- **Attachment 3:** Standard Bidding Document (SDB) 4
- **Attachment 4:** Affidavit_EME May 2015 (Template)
- **Attachment 5:** Occupational Health and Safety Act: Section 37(2) Agreement - Form
- **Attachment 6:** Supplier guide to Informal Tendering
- **Attachment 7:** Eskom's General Conditions of Purchase
- **Attachment 8:** SHE Manual v20 ebook

C.2 EVALUATION CRITERIA

For transactions above **R30 000** up to **R50M** (inclusive of VAT) Price and B-BBEE Preferential Point Scoring will be based on the **80/20** allocation aligned to the PPPFA Regulations 2017;

For transactions less than **R30 000** (inclusive of VAT); the Preferential Point Scoring is not mandatory and only Price may be used (or state any other criteria to be used).

Note: **Attachment 2** and submission of BBBEE certificate/Affidavit must be submitted in order to claim preference points

C.3 TENDER RETURNABLES

Please ensure that the tender returnables listed hereunder are submitted as per stipulated deadlines as non-compliance with mandatory tender returnables at RFQ closing deadline will result in disqualification (except where these are required for scoring /ranking purposes only).

Non-compliance with mandatory returnables due at contract/order award stage will impact award.

It is highly recommended that all tender returnables are submitted at tender closing date.

C.3.1 BASIC COMPLIANCE

Returnables	MANDATORY AT CLOSING	MANDATORY PRIOR TO AWARD	SUBMITTED. (Supplier checklist)
Offer invitation Form SBD1: Part A-D completed	YES		YES / NO
Attachment 1: Integrity Pact Declaration – Annexure A	YES		YES / NO
Attachment 2: Preference Claim Form <i>Applicable if claiming preference points. Failure to submit will result in a zero score but will not disqualify submission – SBD 6.1</i>	YES		YES / NO / Not applicable
Attachment 3: Standard Bidding Document (SDB) 4	YES		YES / NO
Copy of Tax Clearance Certificate	YES		YES / NO
Attachment 4: Affidavit_EME May 2015 (Template) Copy of certified valid BBBEE Certificate / Affidavit; Failure on the part of the supplier to submit a valid current certificate for purposes of evaluation and scoring by the tender closing deadline will result in disqualification as the BBBEE Certificate is required to confirm adherence to the Pre-Qualification Criterion	YES		YES / NO
Technical Returnables (Refer to section C.3.2)	YES		YES / NO
Relevant valid copy of Letter of Good Standing	YES		YES / NO
Attachment 5: Occupational Health and Safety Act: Section 37(2) Agreement - Form - TO BE COMPLETED	YES		YES / NO
Safety Requirements (Refer to point C.3.3)		YES	YES / NO
Attach proof of authority to sign this bid; e.g. resolution of directors, etc.)		YES	YES / NO
Attachment 6: Supplier guide to Informal Tendering	For your info		
Attachment 7: Eskom's General Conditions of Purchase	For your info		
Attachment 8: SHE Manual v20 ebook	For your info		

C.3.2 FUNCTIONAL ANALYSIS

C.3.2.1 TECHNICAL RETURNABLES AT TENDER CLOSING

Technical Evaluation Criteria: Welding

Requirements: Palmiet P.S.S. Blowdown Compressor Replacement Project: Welding of Pipework			
Criteria	Evaluation Criteria (Tender Returnable/ Schedule A)	Weighting %	Schedule B
1	Tenderer Track Record and Execution Capability:	40%	
	1. Tenderer provides a list of at least 3 (three) contactable references where welding and fabrication work were done on a power plant. <ol style="list-style-type: none"> Tenderer with 3 or more contactable references = 20% Tenderer with 1 or more contactable references = 15% Tenderer with no contactable references = 0% 2. Tenderer availability for site establishment (start date) within 2 weeks of contract award. <ol style="list-style-type: none"> Tenderer start availability less than or equal to 2 weeks from date of contract award = 10% Tenderer start date longer than 2 weeks from date of contract award = 0% 3. Safety file to be provided prior to start of work. Acknowledgement clause on attachment 240-92418889 to be signed and submitted. <ol style="list-style-type: none"> Attachment 240-92418889 signed and submitted with tender = 10% No signed attachment = 0% 	40%	
2	Skilled Labour:	60%	
	1. Resources offered to include Coded Welder qualified for carbon and stainless steel, Trained Supervisor, Pipe Fabricator, Semi-skilled Assistant, Registered Safety Officer and Qualified Rigger. CV's and qualifications and training record to be supplied for all resources. Safety Officer to be registered with SACPCMP. <ol style="list-style-type: none"> Provide qualifications and experience (CV) = 15% No proof of qualifications and experience = 0% 	15%	
	2. Provide a Welding Procedure Specification (WPS) supported by a valid Weld Procedure Qualification Record (WPQR)/Procedure Qualification Record (PQR) and Weld Qualification Record (WQR) for welding that will be performed during fabrication. <ol style="list-style-type: none"> Provide procedures/qualifications records = 15% No proof of procedures/qualifications records = 0% 	15%	
	3. Weld procedure qualification for all welds is in accordance with the appropriate welding standard incorporated into the relevant design and construction code. <ol style="list-style-type: none"> Provide procedures/qualifications records = 10% No proof of procedures/qualifications records = 0% 	10%	
	4. The WPS and WPQR/PQR is approved by a registered IWE or IWT with the minimum requirements as defined in the Eskom Standard 240-106628253. <ol style="list-style-type: none"> Supplied approved WPS, WPQR/PQR = 10% 	10%	
	b. No approved WPS, WPQR/PQR supplied = 0%		
	5. Resources to have a set of required tools in good working order. <ol style="list-style-type: none"> Each resource brings personal tool kit in good working condition = 10% Resources do not have individual personal tools in good working order = 0% 	10%	
	Total	100%	

Note:

- The technical requirements of this section specified under 'Schedules A and B' shall form part of the *Employer's* enquiry. Schedule B shall be completed by the supplier and submitted with his offer.
- Schedule A: Particulars of Employer's Requirements
- Schedule B: Guaranteed technical particulars of services offered in response to Schedule A requirements by the supplier.

A TENDER WILL BE DISQUALIFIED IF THESE DOCUMENTS ARE NOT INCLUDED IN THE TENDER AT TENDER CLOSING.

C.3.3 HEALTH AND SAFETY REQUIREMENTS

The recommended contractor needs to have the following documents prior to work commencement;

- Organogram of the Company
- Scope of Work
- Valid copy of Letter of Good Standing
- SHE Policy of your company
- Legal Appointments
- Risk Assessment (Task Based)
- The fall protection plan
- ID Copies
- Competencies (Technicians) + working at height certificate as he will need to work at elevated level.
- Calibration certificate of your Equipment
- Medical certificate of the people coming to Gariep.
- SHE Induction Training Register (Company)
- Tool register (Only for tools that going to be used here on site)

Safety file to be provided at least one week prior to coming to site.

**PART D
SCOPE**

Item	OLT Reference	Eskom Stock no.	Description: Supply and Delivery of:	Qty	Unit of Measurement	Unit price <i>insert the price per unit excl VAT</i>	Total price <i>insert the total price excl VAT</i>	VAT <i>insert the VAT amount</i>
1	OLT2028024	N/a	Coded welder	1	LE			
2	OLT2028024	N/a	coded welder OT	1	LE			
3	OLT2028024	N/a	Pipe Fabricator (Trade test certificate	1	LE			
4	OLT2028024	N/a	Pipe Fabricator OT	1	LE			
5	OLT2028024	N/a	Semi skilled Assistant	1	LE			
6	OLT2028024	N/a	Semi skilled Assistant OVERTIME	1	LE			
7	OLT2028024	N/a	Supervisor	1	LE			
8	OLT2028024	N/a	Supervisor OVERTIME	1	LE			
9	OLT2028024	N/a	Safety Officer	1	LE			
10	OLT2028024	N/a	Safety Officer OT	1	LE			
11	OLT2028024	N/a	Rigger (Training record	1	LE			
12	OLT2028024	N/a	Rigger (Training record) OT	1	LE			
13	OLT2028024	N/a	Transport to site	1	LE			
14	OLT2028024	N/a	Welding consumables	1	LE			
15	OLT2028024	N/a	welding equipment	1	LE			
16	OLT2028024	N/a	Safety file	1	LE			
17	OLT2028024	N/a	Accommodation	1	LE			

NOTE: Please attach detailed cost breakdown (i.e. Labour hourly rates, transport rate (Rand per km), accommodation (per night) if applicable etc.).

NOTE;

- Project expected ASAP: preferably **June 2022**

The scope of work includes the following:

Quote and Supply for the following.

1. The services of one (1) Trained Supervisor, one (1) Coded Welder, one (1) Pipe Fabricator, one (1) Semi-skilled Assistant, one (1) Registered Safety Officer and one (1) Qualified Rigger, to perform pipework fabrication and welding for the blowdown air and surface cooling water system piping for a total duration of about 84 days which includes overtime. Travelling to and from site to be included.
 - a. **BDC 2B:** Fabrication and Welding of 25 Nominal Bore pipework for Pneumatic lines & 50 Nominal Bore Pipework for Surface Cooling Water Supply & Return Lines and 50 Nominal Bore Pipework for Blowdown Air Pipework on Compressors 2B. Fabrication of ½" Nominal bore pipelines for Condensate lines.
 - b. **BDC 1B:** Fabrication and Welding of 150 Nominal Bore Pipework for Surface Cooling Water Pump OB. Fabrication and Welding of 50 Nominal Bore Pipework for Surface Cooling Water Supply & Return Lines and 50 Nominal Bore Pipework for Blowdown Air Pipework on Compressors 1B. Fabrication of 25 Nominal bore pipework for Pneumatic lines. Fabrication ½" pipework for Condensate lines.
 - c. **BDC 2A:** Fabrication and Welding of 50 Nominal Bore Pipework for Surface Cooling Water Supply & Return Lines and 50 Nominal Bore Pipework for Blowdown Air Pipework. Fabrication of 25 Nominal bore pipelines for Pneumatic lines. Fabrication of ½" Nominal bore pipelines for Condensate lines.
2. Fabrication and Welding include the following:
 - a. **150 Nominal Bore Pipework for the Surface Cooling Water Pump**
 - i. Carbon Steel Seamed Piping conforming to SANS 62-1 (H) will be used.
 - ii. Fillet welds on approximately twenty (20) 150 Nominal Bore Slip-on Flanges.
 - iii. Design Code is ASME B31.3 – Process Piping
 - iv. System Design Pressure is 16 bar.
 - b. **50 Nominal Bore Pipework for the Surface Cooling Water System to the Blowdown Air Compressors**
 - i. Carbon Steel Seamed Piping conforming to SANS 62-1 (H) will be used.
 - ii. Fillet welds on approximately forty-eight (48) 50 Nominal Bore Slip-on Flanges.
 - iii. Fifty (50) Butt welds
 - iv. Design Code is ASME B31.3 – Process Piping
 - v. System Design Pressure is 16 bar.
 - c. **50 Nominal Bore Pipework for the Blowdown Air Compressors**
 - i. Carbon Steel Seamless Piping conforming to ASTM A106 Gr. B Sch. 40 will be used.
 - ii. Butt welds on approximately seventy-six (70) 50 Nominal Bore Weld-Neck Flanges.
 - iii. Design Code is ASME B31.3 – Process Piping
 - iv. System Design Pressure is 40 bar.
 - d. **25 Nominal Bore Pipework for the Pneumatic Pipework for the Blowdown Air Compressors**
 - i. Carbon Steel Seamless Piping conforming to ASTM A106 Gr. B Sch. 40 will be used.
 - ii. Butt welds on approximately hundred and thirty (130) 25 Nominal Bore Weld-Neck Flanges.
 - iii. Design Code is ASME B31.3 – Process Piping
 - iv. System Design Pressure is 40 bar.
 - e. **½" Pipework for the Condensate Release Pipework for the Blowdown Air Compressors**
 - i. Fillet welds on approximately twelve (12) 50 Nominal Bore Slip-on Flanges.
 - ii. Design Code is ASME B31.3 – Process Piping
 - iii. System Design Pressure is 40 bar.
3. The following requirements need to be satisfied with:
 - a. Coded Welder for Carbon Steel and Stainless Steel is required.
 - b. Provide a Welding Procedure Specification (WPS) supported by a valid Weld Procedure Qualification Record (WPQR)/Procedure Qualification Record (PQR) and Weld Qualification Record (WQR) for welding that will be performed during fabrication.
 - c. Weld procedure qualification for all welds is in accordance with the appropriate welding standard incorporated into the relevant design and construction code.
 - d. The WPS and WPQR/PQR is approved by a registered IWE or IWT with the minimum requirements as defined in the Eskom Standard 240-106628253.
 - e. The WPQR/PQR is submitted with its relevant NDT and DT reports.
 - f. Safety officer to be registered with SACPCMP.
4. Provide the required consumables and equipment to perform the fabrication and welding of the pipework.
5. Training records for resource to be supplied.
6. Safety file to be submitted before the work commence on site. As part of tender submission, tenderer to sign contractor safety file evaluation template.

Specification of Product or Goods

- As detailed in the Scope of Work/Supply.

Resource description	Normal hours	Overtime hours	total
Coded Welder (Welder's Qualification records to be supplied)	560		560
Pipe Fabricator (Trade test certificates)	560		560
Semi-skilled Assistant	560		560
Supervisor	560		560
Supply Safety Officer (Training records and appointment letter)	560		560
Coded Welder (Welder's Qualification records to be supplied)		210	210
Fabricator (Trade test certificates)		210	210
Semi-skilled Assistant		210	210
Supervisor (Training record and appointment letter)		210	210
Supply Safety Officer (Training records and appointment letter)		210	210
Rigger (Training record)	80	30	110
Transport days			84
Fabrication & Equipment days			84
Safety file			1

NOTE:

Timesheets will be signed daily by the Supervisor at the end of the shift, logged on an excel spreadsheet and managed accordingly to prevent the hours worked do NOT exceed the expected Purchase Order value. Only signed off timesheets by both parties will be processed for payment and then invoiced.

NOTE:

A **Compulsory** site clarification meeting with representatives of the *Employer* will take place as follows:

Date: **Monday, 30 May 2022**

Time: **11:00am**

NOTE:

- All attendees to confirm their interest via email ShakhaE@eskom.co.za.
- You must submit ID numbers and vehicle registration numbers of the attendees.

Site Constraints:

All persons to arrive/visit **Palmiet Power Station**, National Key Point, have to comply/undergo the following;

- The meeting arrangements are that tenderers meet **Aldrin Cloete** or **Brian Lintnaar** at the main entrance gate who would then escort them to the venue.
- Identification will be required to gain access.
- Breathalyzer and Covid19 tests will be performed before proceeding through Main Entrance.
- Adhere to Eskom's Life-saving Rules:
 - ❖ Open, isolate, test, earth, bond and/or insulate before touch
 - ❖ Hook up at heights
 - ❖ Buckle up
 - ❖ Be sober
 - ❖ Permit to work (incl. Hot Work permit)
- Induction prior to commencement of the meeting.(±20min)
- Photographs may be taken with prior approval request
- Applicable safety gear will be required to be worn with site walk-down. (please provide own safety shoes, hearing protection and hard hat)
- Not rendering harm to any Eskom property or personnel.

The contractor will provide a SHE Specification detailing their risk assessment of the tasks, in addition to a working at heights programme, any applicable procedures, competencies, medical certificates, letter of good standing, etc., and any legal requirement applicable to their tasks.

Environmental

- The Contractor acquaints himself with all statutory and local environment regulations and adheres to these without exception, and especially with the requirements of the National Environmental Management Act 107 of 1998 and its applicable Regulations. It should address amongst others:
 - ❖ Waste Management: Generation, storage and disposal.
 - ❖ Hazardous Chemicals: Storage and disposal and information (Material Safety Data Sheets for each chemical that is used).

Material and/or facilities

- Eskom the *Employer*, will provide the following:
 - ❖ Access to facilities as and when required.
 - ❖ Site induction.
 - ❖ Issue Permit to work.

Copies Available on Request:

- ❖ Occupational Health and Safety Act – 85 of 1993.
- ❖ Eskom Safety Procedure 32-95.
- ❖ Eskom Cardinal Rules Directive 32-421.
- ❖ Eskom Smoking Policy 32-1126.