



Duvha Power Station Milling Plant Maintenance Technical Criteria:

MANDATORY REQUIREMENTS:		
Description	Reference to the scope	Motivation for use of Criteria
1. Company Experience	<ul style="list-style-type: none"> Minimum 5 years on vertical spindle mills (<i>Ball & Ring or Loesche mills</i>) (provide previous contracts, Contracts numbers for both Eskom and non-Eskom that can be verified. The scope should indicate the type of mills) Minimum 2 completed maintenance contracts that are 3 years or one 5-year duration with reference letters. 	<p>Generally Milling Plant Scope of work is very broad, and some incidents / failures happens after some few years. So, companies with less than 5 years' experience might not have experienced real challenges of this plant and may become a risk to Eskom.</p> <p>The company needs to have gained a demonstratable experience on a range of issues or challenges that are typically experienced in a milling environment.</p> <p>Note: Companies must have 5 years' experience or more and anything less will be disqualified.</p>
2. Previous Company Performance	<ul style="list-style-type: none"> Overall UCLF of 0.75% or less for a financial year (provide Customer satisfaction letter indicating the performance that the company has achieved on Ball and Ring & Tyre Mills, UCLF of 0.75% and below will be accepted, anything higher than 0.75% will be rejected. The letter must be accompanied by generation reports from Eskom or performance reports from other customers if not Eskom). Contactable references should be on the letter. 	<p>Milling Plant Poor performance and breakdowns affect Station and Generation KPI. Availability of this plant is very important as it is the heart of Eskom boilers.</p> <p>Duvha Power Station's target is currently 0.5% UCLF, we have however, reduced the requirement to 0.75% for evaluation purposes. The contractor will still be expected to perform within the station target once the contract is awarded.</p> <p>The performance submission by the contractor should be within the past 6 years, if longer than 6 years, the contractor will be disqualified.</p>

3. ISO 3834-PART 2 (Certified copy of a valid company accreditation)	Welding of number of mechanical components in-situ and off site.	To ensure that all Milling Plant welding work is done in accordance with the Eskom standard for welding (240-106628253)		
QUALITATIVE TECHNICAL REQUIREMENTS				
RESOURCES				
Position	Education & Experience	Objective Evidence	Weight	Score
1. Site Manager (1)	Minimum National Diploma / N6 (with Management/Leadership/Supervisory training certificate. Minimum relevant experience 7 years or more years on both type of Mills <i>Signed CVs to be submitted and valid certified qualifications</i>	No qualification submitted / irrelevant qualification and experience submitted (Score 0) National Diploma/N6 submitted with relevant experience between 4 and 7 years (Score 5%) National Diploma/N6 submitted with relevant experience of 7 years or more (Score 10%) Note: No Management/Leadership/Supervisor training certificate submitted (Score = 0)	10%	
2. Supervisors (5)	Qualified artisan with trade test / N4 (with supervisory training certificate + Safety Training Certificate Minimum relevant experience 5 years or more years on both type of Mills <i>Signed CVs to be submitted and valid certified qualifications</i>	No qualification submitted / irrelevant qualification and experience submitted is less than 3 years (Score 0) Trade test / N4 submitted with relevant experience between 3 and 4 years (Score 5%) Trade test / N4 submitted with relevant experience of 5 years or more (Score 10%) Note: No supervisory certificate submitted (Score = 0)	10 %	
3. Safety Officer (2)	Minimum National Diploma in Safety. SAMTRAC, valid SACPCMP + plus 3 years power station experience	No National Diploma, SAMTRAC, valid SACPCMP (Score 0) National Diploma, SAMTRAC, valid SACPCMP, less than 3 years' experience in a power station environment (Score 2) National Diploma, SAMTRAC, valid SACPCMP + 3 years or more experience in a power station environment (Score 5%)	5%	

4. Quality Controller (2)	<p>Certified copy of N4-6 Mechanical engineering Certificate Plus Trade Test or National Diploma in Mechanical Engineering</p> <p>Minimum relevant experience of 5 years for N4 qualification on both type of Mills and 3 years for National Diploma qualification</p> <p><i>Signed CVs to be submitted and valid certified qualifications</i></p>	<p>No qualification submitted / irrelevant qualification submitted (Score 0)</p> <p>National Diploma in Mechanical Engineering/N4 submitted plus trade test with relevant experience less than 5 years (Score 2%)</p> <p>National Diploma/ N3 submitted plus trade test with relevant experience of 5 years or more (Score 5%)</p>	5%	
5. Mechanical Fitters (10)	<p>N3 and trade test certificates plus 3 years power station experience</p> <p><i>Signed CVs to be submitted and valid certified qualifications</i></p>	<p>Less than 6 x CV submitted, No trade test, No N3 (Score 0)</p> <p>6 x CV submitted, N3 and trade test with less than 3 years' experience (Score 3%)</p> <p>10 x CV submitted, N3 and trade test with 3 years' experience and more (Score 5%)</p>	5%	
6. Welders (10)	<p>Class B, with trade test and N3 plus 3 years power station experience or approved red seal certificate</p> <p><i>Signed CVs to be submitted and valid certified qualifications</i></p>	<p>Less than 6 x CV submitted, No trade test, No N3 (Score 0)</p> <p>6 x CV submitted, N3 and trade test with less than 3 years' experience (Score 3%)</p> <p>10 x CV submitted, N3 and trade test with 3 years' experience and more (Score 5%)</p>	5%	
7. Boilermaker (10)	<p>N3 and trade test, plus 3 years power station experience</p> <p><i>Signed CVs to be submitted and valid certified qualifications</i></p>	<p>Less than 6 x CV submitted, No trade test, No N3 (Score 0)</p> <p>6 x CV submitted, N3 and trade test with less than 3 years' experience (Score 3%)</p> <p>10 x CV submitted, N3 and trade test with 3 years' experience and more (Score 5%)</p>	5%	
8. Riggers (2)	<p>N3 and trade test, plus 3 years power station experience</p>	<p>Less than 2 x CV submitted, No trade test, No N3 (Score 0)</p> <p>2 x CV submitted, N3 and trade test with less than 3 years' experience (Score 3%)</p>	5%	

		2 x CV submitted, N3 and trade test with 3 years' experience and more (Score 5%)		
PLANT RELATED REQUIREMENTS				
9. CIDB grading	Submit valid certificate Level 9ME or 8ME PE (For JVs, the lead partner must be 8ME)	Less than level 9ME or 8ME PE (Score 0) Level 9ME or 8ME PE (Score 10%)	10%	
10. Proposed Inspections on Mills Auxiliaries	Submit proposed inspection plan indicating type of inspections, time intervals, typical defects found during those interventions and appropriate corrective actions . Covering the following areas as a minimum: <ul style="list-style-type: none"> 1. Lube oil system 2. Hydraulic/Gas system 3. Seal Air Fan 4. PF pipes 	Less than 3 of the 4 listed Mill auxiliaries covered (Score 0) 3 of the 4 listed Mill auxiliaries covered (Score 10%) 4 or more of listed Mill auxiliaries covered (Score 20%) Note: The proposed inspection plan should cover all listed issues (Type of inspection, Time intervals, Typical defects & Corrective Actions.	20%	
11. QIP	<ul style="list-style-type: none"> • Provide a fully signed QCP/ITP for a Roller/Tyre Mill overhaul including all intervention points from the previous employer • Provide a fully signed previous QCP/ITP for a Ball and Ring Mill overhaul including all intervention points from the previous employer 	Strictly signed QIP for Roller/Tyre Mills and Ball & Ring Mills with necessary intervention points No alternative None submitted (Score 0) Only one submitted (Score 10%) Both Submitted (Score 20%)	20%	
			100%	
Notes: <ol style="list-style-type: none"> 1. Scores will be proportional to the number of resources provided 2. Certified copies of the qualification, certification etc should not be older than 3 months. 3. Minimum threshold is 75%. Eskom reserves the right to appoint a tenderer that scored between 70% and 74% in a case where no tenderer scored a minimum of 75% 				

System Eng Name: Langa Nhlabathi	Sign: 
Senior Advisor Name: Sanny Masombuka	Sign: 
Project Manager Name: Simphele Nkutha	Sign: 