

## 1. SUBMERSIBLE PUMPS MANDATORY TECHNICAL EVALUATION CRITERIA

The mandatory requirement will be evaluated on a **YES/NO** basis.

**Table 1: Mandatory Technical Evaluation Criteria**

Item	Mandatory Technical Criteria Description	Reference to Technical specification/Tender Returnables	Motivation for use of criteria
1	Completed Schedule B in line with schedule A on Schedule A&B form for each pump ( <b>Do not Tick or Cross, actual text on Schedule B column</b> ). The pump must meet the specification in Schedule A.	List of stock items	To ensure that the supplier and Eskom knows which pump will be supplied and meets the specification for each pump.

## 2. QUALITATIVE TECHNICAL EVALUATION CRITERIA

Each company will be evaluated based on the company’s experience. Each pump will then be evaluated individually. The final contract will be split between more than one supplier.

**Table 2: Qualitative Technical Evaluation Criteria**

Score	(%)	Definition
5	100	<b>COMPLIANT</b> <ul style="list-style-type: none"> <li>• Meet technical requirement(s) AND;</li> <li>• No foreseen technical risk(s) in meeting technical requirements.</li> </ul>
4	80	<b>COMPLIANT WITH ASSOCIATED QUALIFICATIONS</b> Meet technical requirement(s) with; <ul style="list-style-type: none"> <li>• Acceptable technical risk(s) AND/OR;</li> <li>• Acceptable exceptions AND/OR;</li> <li>• Acceptable conditions.</li> </ul>
2	40	<b>NON-COMPLIANT</b> <ul style="list-style-type: none"> <li>• Does not meet technical requirement(s) AND/OR;</li> <li>• Unacceptable technical risk(s) AND/OR;</li> <li>• Unacceptable exceptions AND/OR;</li> <li>• Unacceptable conditions.</li> </ul>
0	0	<b>TOTALLY DEFICIENT OR NON-RESPONSIVE</b>
<p><b>Note 1:</b> The scoring table does not allow for scoring of 1 and 3.</p> <p><b>Note 2:</b> Foreseen acceptable and unacceptable risk(s), exceptions and conditions shall be unambiguously defined in the relevant Tender Technical Evaluation Strategy.</p>		

**Table 3: Technical Evaluation for Company**

No.	Weight (%)	Qualitative Technical Criteria Description	Evaluation Scoring Breakdown			
			0	2	4	5
1	70	<p><b>UNDERSTANDING OF REQUIRED SPARES</b>                      Proof relevant experience in supplying pumps stipulated in Schedule A.</p> <p>(NB: Proof can be a previous Purchase Orders with contact details of the company supplied, preferably in Eskom or similar industry)</p>	Not provided/not relevant	Proof of 1 year experience in supplying submersible pumps. Minimum of 3 orders required.	Proof of 2 year experience in supplying submersible pumps. Minimum of 6 orders required.	Proof of 3 year experience in supplying submersible pumps. Minimum of 9 orders required.
2	20	Quality management systems in place to ensure traceability and continuous improvement.	Not provided.	High level quality objectives/manual.	Detailed quality manual which includes information on how NCRs will be handled, continuous improvement etc.	ISO 9001 certificate (for company that will tender)
3	10	Provide information on how the pumps will be transported and offloaded	Not provided	N/A	Only high level information is provided.	Information included on loading, unloading, transport, packing & preventing damage during transport.

## APPENDIX A – SCHEDULE A AND B

Material Number 213125		
TENDERER TO PLEASE COMPLETE SCHEDULE B		
Criteria	Requirement (Schedule A)	Schedule B
Type	Centrifugal	
Orientation	Submersible pump	
Flow Rate	540LPM	
Delivery Head	10.1m (max)	
Power	380VAC/3PH/0.75KW	
Speed	2850rpm	
Discharge Nominal Diameter	2 inch	
Flange Drilling Standard	Threaded connection	
Fluid	Cooling water	
Model	DOMO10T	
Material Specifications		
Volute Casing	Stainless steel	
Delivery Conditions	Manual type pump <b>without</b> float switch	

Material Number 671882		
TENDERER TO PLEASE COMPLETE SCHEDULE B		
Criteria	Requirement (Schedule A)	Schedule B
Type	Centrifugal	
Orientation	Submersible pump	
Flow Rate	300LPM (max)	
Delivery Head	12m (max)	
Power	<b>380VAC</b> /3PH/0.75KW	
Speed	2860rpm	
Discharge Nominal Diameter	50mm	
Flange Drilling Standard	Threaded connection	
Fluid	Cooling water/dirty water	
Model	V750	
Material Specifications		

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<b>Volute Casing</b>	Stainless steel or cast iron	
<b>Delivery Conditions</b>	PUMP ASSEMBLED WITHOUT FLOAT SWITCH, CABLE REQUIRED;	
<b>Accessories (flanges, bolts, mounts etc.)</b>	PUMP ASSEMBLED WITHOUT FLOAT SWITCH, CABLE REQUIRED;	

<b>Material Number 671883</b>		
<b>TENDERER TO PLEASE COMPLETE SCHEDULE B</b>		
<b>Criteria</b>	<b>Requirement (Schedule A)</b>	<b>Schedule B</b>
<b>Type</b>	Centrifugal	
<b>Orientation</b>	Submersible pump	
<b>Flow Rate</b>	18m3/h (max)	
<b>Delivery Head</b>	12m (max)	
<b>Power</b>	<b>220VAC/1PH/0.75KW</b>	
<b>Speed</b>	2860rpm	
<b>Discharge Nominal Diameter</b>	50mm	
<b>Flange Drilling Standard</b>	Threaded connection	
<b>Fluid</b>	Cooling water/dirty water	
<b>Model</b>	HT V750 (F)	
<b>Material Specifications</b>		
<b>Volute Casing</b>	Stainless steel or cast iron	
<b>Delivery Conditions</b>	PUMP ASSEMBLED WITH FLOAT SWITCH AND CABLE;	
<b>Accessories (flanges, bolts, mounts etc.)</b>	PUMP ASSEMBLED WITH FLOAT SWITCH AND CABLE;	

<b>Material Number 217223</b>
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<b>TENDERER TO PLEASE COMPLETE SCHEDULE B</b>		
<b>Criteria</b>	<b>Requirement (Schedule A)</b>	<b>Schedule B</b>
<b>Type</b>	Centrifugal	
<b>Orientation</b>	Submersible pump	
<b>Flow Rate</b>	100m <sup>3</sup> /hr	
<b>Delivery Head</b>	12.4m (max)	
<b>Power</b>	400VAC/3PH/15KW	
<b>Speed</b>	935rpm	
<b>Discharge Nominal Diameter</b>	100mm	
<b>Flange Drilling Standard</b>	BS 4504	
<b>Fluid</b>	Ash Slurry	
<b>Model</b>	HS5100.251MT	
<b>Material Specifications</b>		
<b>Volute Casing</b>	Stl	
<b>Shaft</b>	Hard Iron	
<b>Impeller</b>	Hard Iron	
<b>Delivery Conditions</b>	Pump <b>with</b> Agitator	

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