

## GENERAL PIPE AND TUBE TECHNICAL EVALUATION CRITERIA

### 1.1 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 or C in line with schedule A on Schedule A&B/C form for each Pipe or Tube. The Pipe or Tube must meet the specification in Schedule A.	List of stock items	To ensure that the supplier and Eskom knows which Pipe or Tube will be supplied and meets the specification for each Pipe or Tube.

### 1.2 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Each company will be evaluated based on the company's experience. Each Pipe / Tube will then be evaluated individually. The final contract might be split between more than one supplier.

**Table 2: Technical Evaluation for Company**

No.	Weight (%)	Qualitative Technical Criteria Description	Evaluation Scoring Breakdown			
			0	2	4	5
1	100	<b>UNDERSTANDING OF REQUIRED SPARES</b> Proof of 3 years verifiable relevant experience in supplying Pipe / Tube stipulated in Schedule B/C.  (NB: Proof can be a previous Purchase Orders with contact details of the company supplied, preferably in Eskom or similar industry)	Not provided/not relevant	Proof of 1 year experience in supplying Pipes / Tubes (3 references required)	Proof of 2 years' experience in supplying Pipes / Tubes (3 references per year required)	Proof of 3 years' or more experience in supplying Pipes / Tubes (3 references per year required)

**Table 3: Qualitative Technical Evaluation Criteria**

<b>Score</b>	<b>(%)</b>	<b>Definition</b>
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>		

## 2. APPENDIX A – SCHEDULE A, B AND C

Material Number 44327		
TENDERER TO PLEASE COMPLETE SCHEDULE B (Do not Tick or Cross, actual text on Schedule B column)		
Criteria	Requirement (Schedule A)	Schedule B
ID (mm)	150	
OD (mm)	430	
Thickness (mm)	105	
Wear plate on pump	Pump model: PWO 8x4x17L	
Description	Round with hole in middle	
Material Specifications		
Material	Stainless steel	
Extras		
Part number/Reference number	12SHT22 or 52-318-343	

Material Number 44348		
TENDERER TO PLEASE COMPLETE SCHEDULE B (Do not Tick or Cross, actual text on Schedule B column)		
Criteria	Requirement (Schedule A)	Schedule B
ID (mm)	150	
OD (mm)	430	
Thickness (mm)	105	
Wear plate on pump	Pump model: PWO 8x4x17L	
Description	Round with hole in middle	
Material Specifications		
Material	Stainless steel	
Extras		
Part number/Reference number	4SHT41-44 or 52-321-365	

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Material Number 0017129		
TENDERER TO PLEASE COMPLETE SCHEDULE B (Do not Tick or Cross, actual text on Schedule B column)		
Criteria	Requirement (Schedule A)	Schedule B
BAR	FLAT	
WIDTH	40 MM	
LENGTH	6 M	
THICKNESS	16 MM	
MATERIAL	MS BS 4360-1986	
PROCESS	HOT ROLLED	
GRADE	43A	
WEIGHT	5.02KG/M; 30.12KG/LENGTH	

Material Number 0017146		
TENDERER TO PLEASE COMPLETE SCHEDULE B (Do not Tick or Cross, actual text on Schedule B column)		
Criteria	Requirement (Schedule A)	Schedule B
SHEET	METAL	
WIDTH	1.2 MM	
LENGTH	2.5 M	
THICKNESS	5 MM	
MATERIAL	MS GR 43A	
FABRICATION METHOD	HOT ROLLED	
SPECIFICATION	BS 4360	
NOMINAL MASS	118KG EACH	
PART NO	080M50	

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Material Number 0058433		
TENDERER TO PLEASE COMPLETE SCHEDULE B (Do not Tick or Cross, actual text on Schedule B column)		
Criteria	Requirement (Schedule A)	Schedule B
Type	Swagelok Elbow	
Size	6 mm	
Connection Type	Compression	
Degree	90 Degree	
Material Specifications		
Material	Brass	

Material Number: 0017146			
Schedule A: Description of the requirement.			
Schedule B: Documents required to be submitted.			
Schedule C: Acknowledge Item by means of Tick or Cross (This schedule is to be completed even if no submission is required)			
Criteria	Requirement (Schedule A)	Schedule B	Schedule C
TYPE:	METAL SHEET	NO SUBMISSION REQUIRED	
DIMENSIONS:	LENGTH= 2.5 M; WIDTH= 1.2 M; THICKNESS= 5 MM;	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE CONTRACTOR WILL BE ABLE TO COMPLY WITH THE STIPULATED REQUIREMENT)	
NOMINAL MASS:	118 KG EACH	NO SUBMISSION REQUIRED	
PART NUMBER:	080M50	NO SUBMISSION REQUIRED	
CERTIFICATES	3.1 MATERIAL CERTIFICATES TO BE PROVIDED UPON DELIVERY.	EVIDENCE OF PREVIOUS VERIFIABLE 3.1 MATERIAL CERTIFICATES DELIVERED.	
Material Specifications			
MATERIAL	MILD STEEL; GRADE: 43A; FABRICATION METHOD: HOT ROLLED; BS4360	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE MATERIAL AND GRADE WILL BE SUPPLIED AS STIPULATED)	

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Material Number: 0017200			
Schedule A: Description of the requirement.			
Schedule B: Documents required to be submitted.			
Schedule C: Acknowledge Item by means of Tick or Cross (This schedule is to be completed even if no submission is required)			
Criteria	Requirement (Schedule A)	Schedule B	Schedule C
TYPE	ANGLE, STRUCTURAL	NO SUBMISSION REQUIRED	
DIMENSIONS	LEG LENGTH= 80 MM; LENGTH= 6 M; THICKNESS= 10MM	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE CONTRACTOR WILL BE ABLE TO COMPLY WITH THE STIPULATED REQUIREMENT)	
NOMINAL MASS	11.86 KG/M	NO SUBMISSION REQUIRED	
CERTIFICATES	3.1 MATERIAL CERTIFICATES TO BE PROVIDED UPON DELIVERY.	EVIDENCE OF PREVIOUS VERIFIABLE 3.1 MATERIAL CERTIFICATES DELIVERED.	
Material Specifications			
MATERIAL:	MILD STEEL; GRADE: EN43A; PROCESS: HOT ROLLED; BS4360	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE MATERIAL AND GRADE WILL BE SUPPLIED AS STIPULATED)	

Material Number: 0017180			
Schedule A: Description of the requirement.			
Schedule B: Documents required to be submitted.			
Schedule C: Acknowledge Item by means of Tick or Cross (This schedule is to be completed even if no submission is required)			
Criteria	Requirement (Schedule A)	Schedule B	Schedule C
TYPE	ANGLE, STRUCTURAL	NO SUBMISSION REQUIRED	
DIMENSIONS	LEG LENGTH= 40 MM; LENGTH= 6 M; THICKNESS= 3MM	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE CONTRACTOR WILL BE ABLE TO COMPLY WITH THE STIPULATED REQUIREMENT)	
NOMINAL MASS	1.84 KG/M	NO SUBMISSION REQUIRED	
CERTIFICATES	3.1 MATERIAL CERTIFICATES TO BE PROVIDED UPON DELIVERY.	EVIDENCE OF PREVIOUS VERIFIABLE 3.1 MATERIAL CERTIFICATES DELIVERED.	

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PART NUMBER/ REFERENCE	D1.2.1.1	NO SUBMISSION REQUIRED	
<b>Material Specifications</b>			
MATERIAL:	MILD STEEL; GRADE: 300WA; EN43A; PROCESS: HOT ROLLED; SABS1431	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE MATERIAL AND GRADE WILL BE SUPPLIED AS STIPULATED)	

<b>Material Number: 0017175</b>			
<b>Schedule A: Description of the requirement.</b>			
<b>Schedule B: Documents required to be submitted.</b>			
<b>Schedule C: Acknowledge Item by means of Tick or Cross (This schedule is to be completed even if no submission is required)</b>			
Criteria	Requirement (Schedule A)	Schedule B	Schedule C
TYPE	ANGLE, STRUCTURAL	NO SUBMISSION REQUIRED	
DIMENSIONS	LEG LENGTH= 50 MM; LENGTH= 6 M; THICKNESS= 6MM	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE CONTRACTOR WILL BE ABLE TO COMPLY WITH THE STIPULATED REQUIREMENT)	
NOMINAL MASS	4.47 KG/ M 26.82 KG/ LENGTH	NO SUBMISSION REQUIRED	
CERTIFICATES	3.1 MATERIAL CERTIFICATES TO BE PROVIDED UPON DELIVERY.	EVIDENCE OF PREVIOUS VERIFIABLE 3.1 MATERIAL CERTIFICATES DELIVERED.	
<b>Material Specifications</b>			
MATERIAL:	MILD STEEL; GRADE: 300WA; EN43A; PROCESS: HOT ROLLED; SABS1431	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE MATERIAL AND GRADE WILL BE SUPPLIED AS STIPULATED)	

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Material Number: 0017120			
Schedule A: Description of the requirement.			
Schedule B: Documents required to be submitted.			
Schedule C: Acknowledge Item by means of Tick or Cross (This schedule is to be completed even if no submission is required)			
Criteria	Requirement (Schedule A)	Schedule B	Schedule C
TYPE	BAR, FLAT	NO SUBMISSION REQUIRED	
DIMENSIONS	WIDTH= 50 MM; LENGTH= 6 M; THICKNESS= 10MM	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE CONTRACTOR WILL BE ABLE TO COMPLY WITH THE STIPULATED REQUIREMENT)	
NOMINAL MASS	4.03 KG/ M	NO SUBMISSION REQUIRED	
CERTIFICATES	3.1 MATERIAL CERTIFICATES TO BE PROVIDED UPON DELIVERY.	EVIDENCE OF PREVIOUS VERIFIABLE 3.1 MATERIAL CERTIFICATES DELIVERED.	
Material Specifications			
MATERIAL:	MILD STEEL; GRADE: 43A; PROCESS: HOT ROLLED; BS4360	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE MATERIAL AND GRADE WILL BE SUPPLIED AS STIPULATED)	

Material Number: 0017110			
Schedule A: Description of the requirement.			
Schedule B: Documents required to be submitted.			
Schedule C: Acknowledge Item by means of Tick or Cross (This schedule is to be completed even if no submission is required)			
Criteria	Requirement (Schedule A)	Schedule B	Schedule C
TYPE	BAR, FLAT	NO SUBMISSION REQUIRED	
DIMENSIONS	WIDTH= 80 MM; LENGTH= 6 M; THICKNESS= 10MM	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE CONTRACTOR WILL BE ABLE TO COMPLY WITH THE STIPULATED REQUIREMENT)	
NOMINAL MASS	6.26 KG/ M	NO SUBMISSION REQUIRED	
CERTIFICATES	3.1 MATERIAL CERTIFICATES TO BE PROVIDED UPON DELIVERY.	EVIDENCE OF PREVIOUS VERIFIABLE 3.1 MATERIAL CERTIFICATES DELIVERED.	

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Material Specifications			
MATERIAL:	MILD STEEL; GRADE: EN43A; PROCESS: HOT ROLLED; BS4360	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE MATERIAL AND GRADE WILL BE SUPPLIED AS STIPULATED)	

Material Number: 0017082			
Schedule A: Description of the requirement.			
Schedule B: Documents required to be submitted.			
Schedule C: Acknowledge Item by means of Tick or Cross (This schedule is to be completed even if no submission is required)			
Criteria	Requirement (Schedule A)	Schedule B	Schedule C
TYPE	BAR, FLAT	NO SUBMISSION REQUIRED	
DIMENSIONS	WIDTH= 50 MM; LENGTH= 6 M; THICKNESS= 6 MM	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE CONTRACTOR WILL BE ABLE TO COMPLY WITH THE STIPULATED REQUIREMENT)	
NOMINAL MASS	2.36 KG/ M 14.16 KG/ LENGTH	NO SUBMISSION REQUIRED	
CERTIFICATES	3.1 MATERIAL CERTIFICATES TO BE PROVIDED UPON DELIVERY.	EVIDENCE OF PREVIOUS VERIFIABLE 3.1 MATERIAL CERTIFICATES DELIVERED.	
Material Specifications			
MATERIAL:	MILD STEEL; GRADE: EN43A; PROCESS: HOT ROLLED; BS4360	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE MATERIAL AND GRADE WILL BE SUPPLIED AS STIPULATED)	

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Material Number: 0017102			
Schedule A: Description of the requirement.			
Schedule B: Documents required to be submitted.			
Schedule C: Acknowledge Item by means of Tick or Cross (This schedule is to be completed even if no submission is required)			
Criteria	Requirement (Schedule A)	Schedule B	Schedule C
TYPE	BAR, ROUND	NO SUBMISSION REQUIRED	
DIMENSIONS	NOMINAL DIAMETER= 16 MM; LENGTH= 6 M;	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE CONTRACTOR WILL BE ABLE TO COMPLY WITH THE STIPULATED REQUIREMENT)	
NOMINAL MASS	1.58 KG/ M	NO SUBMISSION REQUIRED	
CERTIFICATES	3.1 MATERIAL CERTIFICATES TO BE PROVIDED UPON DELIVERY.	EVIDENCE OF PREVIOUS VERIFIABLE 3.1 MATERIAL CERTIFICATES DELIVERED.	
Material Specifications			
MATERIAL:	MILD STEEL; GRADE: EN43A; PROCESS: HOT ROLLED; BS4360	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE MATERIAL AND GRADE WILL BE SUPPLIED AS STIPULATED)	

Material Number: 0017103			
Schedule A: Description of the requirement.			
Schedule B: Documents required to be submitted.			
Schedule C: Acknowledge Item by means of Tick or Cross (This schedule is to be completed even if no submission is required)			
Criteria	Requirement (Schedule A)	Schedule B	Schedule C
TYPE	BAR, ROUND	NO SUBMISSION REQUIRED	
DIMENSIONS	NOMINAL DIAMETER= 20 MM; LENGTH= 6 M;	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE CONTRACTOR WILL BE ABLE TO COMPLY WITH THE STIPULATED REQUIREMENT)	
NOMINAL MASS	2.47 KG/ M	NO SUBMISSION REQUIRED	
CERTIFICATES	3.1 MATERIAL CERTIFICATES TO BE PROVIDED UPON	EVIDENCE OF PREVIOUS VERIFIABLE 3.1 MATERIAL CERTIFICATES DELIVERED.	

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	DELIVERY.		
<b>Material Specifications</b>			
MATERIAL:	MILD STEEL; GRADE: EN43A; PROCESS: HOT ROLLED; BS4360	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE MATERIAL AND GRADE WILL BE SUPPLIED AS STIPULATED)	

<b>Material Number: 0162490</b>			
<b>Schedule A: Description of the requirement.</b> <b>Schedule B: Documents required to be submitted.</b> <b>Schedule C: Acknowledge Item by means of Tick or Cross (This schedule is to be completed even if no submission is required)</b>			
Criteria	Requirement (Schedule A)	Schedule B	Schedule C
TYPE	SHEET, METAL	NO SUBMISSION REQUIRED	
DIMENSIONS	WIDTH= 1500 MM; LENGTH= 3000 M; THICKNESS= 1.6 MM	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE CONTRACTOR WILL BE ABLE TO COMPLY WITH THE STIPULATED REQUIREMENT)	
CERTIFICATES	3.1 MATERIAL CERTIFICATES TO BE PROVIDED UPON DELIVERY.	EVIDENCE OF PREVIOUS VERIFIABLE 3.1 MATERIAL CERTIFICATES DELIVERED.	
<b>Material Specifications</b>			
MATERIAL:	STAINLESS STEEL 304; SPECIFICATION; ASTM A240	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE MATERIAL AND GRADE WILL BE SUPPLIED AS STIPULATED)	

<b>Material Number: 0017079</b>			
<b>Schedule A: Description of the requirement.</b> <b>Schedule B: Documents required to be submitted.</b> <b>Schedule C: Acknowledge Item by means of Tick or Cross (This schedule is to be completed even if no submission is required)</b>			
Criteria	Requirement (Schedule A)	Schedule B	Schedule C
TYPE	BAR, FLAT	NO SUBMISSION REQUIRED	
DIMENSIONS	WIDTH= 25 MM; LENGTH= 6 M; THICKNESS= 6 MM	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE CONTRACTOR WILL BE ABLE TO	

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		COMPLY WITH THE STIPULATED REQUIREMENT)	
NOMINAL MASS	1.18 KG/ M	NO SUBMISSION REQUIRED	
CERTIFICATES	3.1 MATERIAL CERTIFICATES TO BE PROVIDED UPON DELIVERY.	EVIDENCE OF PREVIOUS VERIFIABLE 3.1 MATERIAL CERTIFICATES DELIVERED.	
<b>Material Specifications</b>			
MATERIAL:	MILD STEEL; GRADE: EN43A; PROCESS: HOT ROLLED; BS4360	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE MATERIAL AND GRADE WILL BE SUPPLIED AS STIPULATED)	

<b>Material Number: 0114881</b>			
<b>Schedule A: Description of the requirement.</b>			
<b>Schedule B: Documents required to be submitted.</b>			
<b>Schedule C: Acknowledge Item by means of Tick or Cross (This schedule is to be completed even if no submission is required)</b>			
Criteria	Requirement (Schedule A)	Schedule B	Schedule C
TYPE	GRATING, EGG	NO SUBMISSION REQUIRED	
DIMENSIONS	WIDTH= 1200 MM; LENGTH= 2400 M; THICKNESS= 25 MM BEARER BARS: 5 MM SQUARES: 40 MM	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE CONTRACTOR WILL BE ABLE TO COMPLY WITH THE STIPULATED REQUIREMENT)	
CERTIFICATES	3.1 MATERIAL CERTIFICATES TO BE PROVIDED UPON DELIVERY, IF APPLICABLE.	EVIDENCE OF PREVIOUS VERIFIABLE 3.1 MATERIAL CERTIFICATES DELIVERED, IF APPLICABLE.	
<b>Material Specifications</b>			
MATERIAL:	STEEL; BITUMEN COATED; BANDED	SUBMIT PROOF (LETTER OF CONFORMANCE THAT THE MATERIAL AND GRADE WILL BE SUPPLIED AS STIPULATED)	

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