

Technical Specification for screw pump - 1

SI No	Specification	Requirement	Vendor's compliance
1.	Item	Screw pump	
2.	Make	SEIM Screw pumps, Italy	
3.	Model	PWO 040 #6C	
4.	Flameproof motor with coupling and Bell housing - Reputed make	22 KW	
5.	Operating fluid	MIL-PRF-5606H (Hydraunicoil FH51)	
6.	Operating fluid viscosity	Min 2.5 cSt	
7.	Flow rate	127 LPM at 48 bar	
8.	Max Operating Pressure	100 bar	
9.	Max Operating temperature	160°C	
10.	Qty	1 No	
11.	Criticality	FC	

Technical Specification for screw pump - 2

SI No	Specification	Requirement	Vendor's compliance
1.	Item	Screw pumps	
2.	Make	SEIM Screw pumps, Italy	
3.	Model	PWO 040#6A	
4.	Flameproof motor with coupling and Bell housing - Reputed make	15 KW	
5.	Operating fluid	MIL-PRF-7808L (Turbonycoil 160)	
6.	Operating fluid viscosity	1 cSt	
7.	Flow rate	90 LPM	

8.	Max Operating Pressure	100 bar	
9.	Max Operating temperature	170°C	
10.	Qty	1 No	
11.	Criticality	FC	

Terms and conditions

SI No	Specification	Requirement	Vendor's compliance
1.	Technical Manuals & Documents to be provided	<ul style="list-style-type: none"> ➤ Installation & Operation manual ➤ Maintenance manual 2 Hard Copies + 1 Soft Copy in CD / DVD to be provided	
2.	Electrical power requirements	To be specified by vendor	
3.	Safety	Safety requirements to be specified	
4.	Warranty	12 months from the date of installation. Replacement of parts if any, during warranty must be done free of cost.	
5.	Test certificate	To be provided	
6.	Delivery	10 to 12 weeks from the date of placing purchase order.	
7.	Installation and commissioning	Delivery, Installation, Commissioning & Testing of the pump at CMTI, Bangalore should be carried out by Vendor at their cost.	
8.	Detailed list of documents to be submitted	<ul style="list-style-type: none"> a) GST certificate b) Completed Compliance form in above format with company seal c) Authorized distributor certificate d) Detailed technical data sheet for each and every item quoted e) Detailed Contact information of contact person (Name, email ID and Phone Number) 	

9.	Acceptance Criteria	<p>The equipment will be accepted based on:</p> <ul style="list-style-type: none">a) Test Certificate and Certificate of Confirmation for the pump.b) Demonstration of the pump at maximum load conditions at vendor's sitec) The equipment will be finally accepted at CMTI, Bangalore based on the compliance of the equipment with the Acceptance Criteria. Compliance includes proper commissioning of the equipment, training of our personnel regarding maintenance & operation of the equipment.	