

ANNEXURE – V**TECHNICAL SUPPORT SERVICES**

(To be filled by Manufacturer)

Please indicate only the type(s) of work your company is involved and is capable of undertaking

**1.0 TECHNICAL SUPPORT SERVICES**

1.1	Mechanical Testing	YES	NO
1.2	Stress Analysis	YES	NO
1.3	Radiography	YES	NO
1.4	Ultrasonic Survey and analysis	YES	NO
1.5	Non-Destructive-Testing	YES	NO
1.6	Corrosion Inspection	YES	NO
1.7	Noise Survey and Analysis	YES	NO
1.8	Quality Inspection	YES	NO
1.9	Safety Inspection	YES	NO
1.10	Vibration measurements and Analysis	YES	NO
1.11	HSE Inspection	YES	NO
1.12	Third Party Inspection	YES	NO
1.13	Skilled/Specialist Technical Support Services:		
	Mechanical	YES	NO
	Civil	YES	NO
	Quality	YES	NO
	Safety	YES	NO
	HSE	YES	NO
	Pipeline	YES	NO
	Others	YES	NO
1.14	Non Skilled Support Services	YES	NO
1.15	Vendor Assistance	YES	NO
	Specify Vendors		
1.16	Others	YES	NO

**2.0 METALLIC PIPE INSTALLATION, COMMUNICATION AND MAINTENANCE**

		YES	NO
2.1	Fabrication / Construction	YES	NO
2.2	Welding	YES	NO
2.3	Hot Tapping	YES	NO
2.4	Heat Treatment	YES	NO
2.5	Coating	YES	NO

2.6	Wrapping	YES	NO
2.7	Hydraulic	YES	NO
2.8	Pipe Work Inspection	YES	NO
2.9	Others	YES	NO
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3.0	MECHANICAL WORKSHOP FACILITIES	YES	NO
3.1	Machining	YES	NO
3.2	Welding	YES	NO
3.3	Heat Treatment	YES	NO
3.4	Steel Fabrication	YES	NO
3.5	Blasting	YES	NO
3.6	Metal Spraying	YES	NO
3.7	Electrolyte Coating	YES	NO
3.8	Hydraulic Testing	YES	NO
3.9	Valves Refurbishment	YES	NO
3.10	Others	YES	NO
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4.0	INSULATION	YES	NO
4.1	Machining	YES	NO
4.2	Hot Insulation	YES	NO
4.3	Associate Insulation	YES	NO
4.4	Others	YES	NO
5.0	E&I WORKSHOP FACILITIES		
5.1	Instrument / Erection / Installation / Calibration / Testing Equipment for following:		
	• Pressure	YES	NO
	• Flow	YES	NO
	• Level	YES	NO
	• Temperature	YES	NO
	• Concentration	YES	NO
5.2	Equipment for the following:		
	• Control Panel Installation	YES	NO
	• Devices for testing, checking and Calibration of control panel items	YES	NO
	• Devices for cable laying, Meggering, etc.	YES	NO
6.0	ELECTRICAL WORKSHOP FACILITY		
	Electrical installations, Meggering, Testing devices for:		
	• Motors	YES	NO
	• Bus Bar	YES	NO
	• Control Modules	YES	NO

	• Generator Control Panel	YES	NO
	• Alternator	YES	NO
	• Gas Engines	YES	NO
	• Power Cables	YES	NO
7.0	Testing Shop Facilities as per ASME "U" Stamped	YES	NO

**Note:** In case any service/facility is not available in-house but the company has standing arrangement to outsource such service / facility please indicate with sufficient details.