

**TECHNICAL SPECIFICATION OF CENTRALISED AIR COMPRESSOR- 400 CFM AT COMPRESSOR HOUSE:**

**Scope:** Supply, installation & commissioning of Rotary screw type Air compressor, Qty-1 No

<b>PART I MANDATORY SPECIFICATIONS:</b>		<b>Firm's confirmation Yes/No</b>	<b>Remarks</b>
<b>SI No</b>	<b>Description</b>		
1	Type: Rotary Screw Air Compressor.		
2	Capacity: 400-450 CFM. with Acoustic Enclosure.		
3	Max. Working Pressure: 7 - 8 bar (Kg/Cm2).		
4	Sound Level: 70 to 85 DB.		
5	Receiver Tank capacity: 2000 ltrs . Vertical Mounted. Hydrostatic test certificate obtained from Competent Authority to be produced.		
<b>PART II OTHER SPECIFICATIONS:</b>			
1	Pre – Filter & After Filter & Safety Valve		
2	Suitable Pressure Gauge, Temperature Gauge, Hour meter & Oil level indicator.		
3	Suitable Refrigerated Type Air Dryer		
4	Auto Restart of compressor on Resumption of power		
5	Electronic Soft Starter with all protections like overload, over current, under voltage, over voltage, single phasing. Metering like Ammeter, Voltmeter & KWH meter to be provided		
6	Suitable capacity Induction Motor 3 phase AC 415V TEFC, Continuous Rating, S1 duty, Insulation class 'F' Protection class IP21. Make: SIEMENS/ABB/CG/KIRLOSKAR & other Reputed Brands.		
7	<b>Make:</b> INGERSOLL RAND/ATLAS CAPCO / CHICAGO PNEUMATICS/ KIRLOSKAR.		
8	<b>Warranty:</b> One year from Date of Commissioning		
<b>PART I MANDATORY REQUIREMENTS:</b>			
1	Only OEM'S & Authorized Dealers offers are accepted. Firm should submit Authorization certificate along with the Bid.		
2	Firm should have supplied & Commissioned similar high pressure compressors to minimum Two Organizations during the past 10 years. Copy of PO & Commissioning report/ Minutes of Meeting should be submitted with the Bid.		
<b>PART II OTHER REQUIREMENTS:</b>			
1	Firm has to Commission & Prove out the Performance at our Works.		