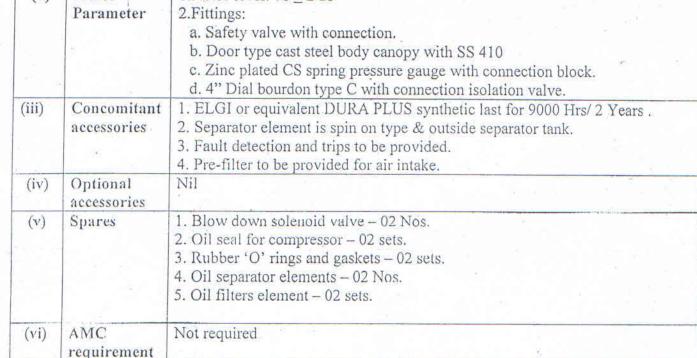
## ecification for Tank mounted screw air compressor working pressure 7 kg/cm<sup>2</sup> Major 1. Capacity (FAD): 1.64 m<sup>3</sup>/min (58 cfm) Parameter 2. Working pressure: 7 kg/cm<sup>2</sup> 3. Max operating pressure: 7.5 Kg/cm<sup>2</sup> (107 psi) 4. Drive: 11 KW Sq. cage induction Motor, 415V±10%, 3 Phase, 50 Hz ± 5%. 5. Starter: DOL Starter. 6. Tank capacity: 270 ltrs. Control & Instruments: 1. Pkg. Air discharge pressure gauge. 2. Total hour counter. 3. High temperature trip switch (85-100 °C). 4. Motor overload relay with single phase preventer. 5. Blow down solenoid valve. 6. Auto start / stop feature. 7. Emergency stop switch 8. Re-set button. 9. Power on indication 10.On/Off selector switch Trip indicators: 1. High air temperature trip (85-100 °C). 2. Motor overload trip (14 Amp). Electrical: High efficiency EFF2 dual shaft motor 415 V, 50 Hz, 3 Phase, TEFC, Squirrel cage induction motor, IP55 motor protection with class F insulation. Air Receiver: Material of construction IS-2062 Pipe is 1239 PT-I Heavy / IS 3589 ERW Coupling IS-2062-300 Flanges: IS 2062 Measurement standard: All performance measurements are as per IS 5456-1985 (ii) Minor 1. Noise level: 78 + 2 db Parameter 2. Fittings: a. Safety valve with connection. b. Door type cast steel body canopy with SS 410 c. Zinc plated CS spring pressure gauge with connection block. d. 4" Dial bourdon type C with connection isolation valve. 1. ELGI or equivalent DURA PLUS synthetic last for 9000 Hrs/ 2 Years. Concomitant accessories 2. Separator element is spin on type & outside separator tank. 3. Fault detection and trips to be provided. 4. Pre-filter to be provided for air intake. Optional Nil



(vii)	ii) Warrantee 24 months from the date of commission requirement supply.	ing or 30	month	s fron	n the d	ate of
(viii)	SPECIAL REQUIREMENT:				9	
Α.	Machine shall be complete and functional in all respect.					
В.	Machine shall incorporate all safety devices so as to provide complete protection to the operating and maintenance staff.					
C.	Good engineering practices shall be followed in design, manufacturing and commissioning of the equipment.					
D.	Firm shall supply product catalogue/drawings in support of their offer.					
E.	Foundation drawing, Mechanical drawing, electrical drawing, electrical load & circuitry shall be submitted giving machine weight, overall dimensions, and foundation details					
F.	Technical experts from manufacturer will fully and adequately give atleast one week training the operating and maintenance staff nominated by the consignee.				ing to	

DME (D)/NKJ

Sr.DME (D)/NKJ

## Annexure-II

To be submitted by the firm along with offer-

Tender specification as per Annexure-I	Specification quoted by the firm	Deviation if any with darification
Act Burney		
		Acceptation of the second

Signature of firm's