

SCHEDULE OF WORK

Name of the work :

Supply, installation, testing and commissioning of 150TR AIR-COOLED, SCREW CHILLER package complete with Microprocessor based control panel as per specifications.

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S.No	Description	UNIT	QTY	RATE	AMOUNT
	EQUIPMENT				
1.0	Supply, installation, testing and commissioning of nominal cooling Capacity - 150TR AIR-COOLED, SCREW CHILLER package complete with 2 Nos of 75 TR hermetic/semi hermetic, multiple screw type compressors -each with step less capacity control of 25 % to 100 % of the rated capacity, with microprocessor based control panel, motor, starter panel, machine mounted, air- cooled condensers, insulated chiller, water flow switch , vibration isolators, integral refrigerant piping and wiring with 2 circuits, automatic and safety controls mounted in central console panel and all mounted on a steel frame (complete as per specifications). Motor shall be suitable for 415±10% 50 cycles. 3 phase AC supply. Refrigerant gas used shall be R 134a. The entire package shall be suitable for outdoor installation .				
	Chiller Water IN - 54°F Chilled Water OUT - 44°F Condenser Air IN -100.4°F Nominal cooling Capacity - 150TR	NO	1		

CONTRACTOR

ISSUING OFFICER

S.No	Description	UNIT	QTY	RATE	AMOUNT
	CHILLED WATER PIPING				
2.0	Providing and fixing in position 150mm dia MS class 'C' pipes for chilled water piping cut to required lengths and installed with all welded joints, providing and fixing in position the necessary fittings like elbows, tees and reducers, mating flanges & sockets and connecting to the existing piping system	RM	60		
3.0	Providing and fixing in position 150 mm dia butterfly valves:	Nos.	4		
4.0	Providing and fixing in position 150 mm dia check valves	Nos.	2		
5.0	Providing and fixing in position 150 mm dia 'Y' strainers	Nos.	2		
6.0	Providing and fixing in position 150 mm dia pot strainers	Nos.	1		
7.0	Supply, installation, testing and commissioning of 150 mm dia flexible connections/ vibration isolator of suitable pressure rating to be installed at pumping lines and chillers suction and discharge.	Nos.	4		
8.0	Providing and fixing in position the industrial dial type pressure gauges with control valves.	Nos	4		
9.0	Providing and fixing in position mercury-in- glass industrial type thermometers with necessary fittings.	Nos	4		
	THERMAL INSULATION AND CLADDING				
10.0	Thermal insulation of chilled water piping and fittings like valves, flanges and unions etc for 150 mm dia MS pipes, using 50 mm thick T.F. quality expanded polysterene moulded pipe sections and cladding with 26G alluminium sheet as per specifications	RM	60		
TOTAL AMOUNT IN Rs.					
TOTAL AMOUNT IN WORDS Rs. _____					