

STATE PROJECT DIRECTOR- STATE PROJECT IMPLEMENTATION UNIT
VOCATIONAL TRAINING IMPROVEMENT PROJECT CUM DIRECTOR TECHNICAL
EDUCATION & INDUSTRIAL TRAINING.PUNJAB ASSISSTED BY WORLD BANK, PLOT
NO 1, SEC.36-A, CHANDIGARH.

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Sealed Tender " IT/VTIP/WB/TN/RAC/2009-10/2 " for the supply of following stores will be received up to **21.6.2010** by 2.00 P.M. in our office at Room No 304, 3rd Floor, Takniki Sikhya Bhawan, Plot No.1 A, Sector: 36-A, Chandigarh & will be opened at Room No 401, 4th Floor, 2.30 P.M. on the same day in the presence of the tenderers or their representatives who may be present at that time. In case this prescribed tender opening date happens to be a holiday declared by the Punjab Govt. tenders will be opened on the next working day at same time and place.

Category No. 1		
1.1	Air Compression, Two Stage For Oil - Less Dry Air, With Rush Proof Tank Assembly, Heater & Controls Max. Pr. 10kg/Sq.Cm. Capacity 45 Ltr. Motor 1hp.	10 Nos.
1.2	Air Conditioning Direct & Indirect Water Chiller. Complete With All Control Including Himidity Control Ele Capacity 15000 Kcal/Hr.	4 Nos.
Category No. 2		
2.1	Bottle cooler 110 litres 1/6 hp.	5 Nos.
2.2	Cold Storage Plant Complete With All Controls & Accessories Including Cooling Tower & Water Treatment Plant Capacity 15000 Kcal/Hr. Or Working Trainer Model/ Simulator.	3 Nos.
Category No. 3		
3.1	Components for car AC systems. A) Wobble plate compressor with mounting. B) Serpentine evaporator. C) Parallel flow condenser. D) Hoses, tubes, receiver, expansion valve. E) electrical components & wiring harness.	6 Nos.
3.2	Condensing unit with open type compressor air-cooled condenser, controls cap.3000 k.cal/ hr.	4 Nos.
3.3	Condensing unit with open type compressor evaporate condenser, controls cap.3000 k.cal/ hr.	4 Nos.
Category No. 4		
4.1	Cut section of Dx chiller	2 Nos.
4.2	Cut section of Hermatic Reciprocating compressor	4 Nos.
4.3	Cut section of Hermatic Scroll comp	2 Nos.
Category No. 5		
5.1	Cut Section Of Rotary Harmatic Compressor (Capacity1 Ton).	2 Nos.
5.2	Cut section of screw compressor	2 Nos.
5.3	Cut Section Of Scroll Compressor.	2 Nos.
5.4	Cut section of Shell & tube type condenser	4 Nos.
Category No. 6		
6.1	Deep Freezer 165 LIT.S -18° C. ¼ HP	5 Nos.
6.2	FORST FREE RAFRIGIRATOR 230 LIT. CAPACITY USING HFCS - 134A REFRIGERANT	4 Nos.
6.3	frost free Refrigerator 260 liters use in H.C. Refrigerant	4 Nos.
Category No. 7		
7.1	NO FROST REFRIGERANT 300 LIT. CAPACITY USING HC REFRIGERNT	4 Nos.
7.2	REFRIGERATOR 170 LIT. USING 134A REFRIGERANT	6 Nos.
7.3	Refrigerator, compression type 300 litres double door, double compressor system.	6 Nos.
7.4	THERMOELECTRIC REFRIGARETOR	2 Nos.
Category No. 8		
8.1	Descaling Pump Set With Stainless Steel Impeller & Housing Complete With Motor 1 Hp & Accessories	6 Nos.
8.2	Dry N2 in cylinder with 2 stage regulator or commercial N2 in cylinder with drier unit and 2 stage regulator.	14 Nos.
8.3	Fan coil unit with water valve (2 & 3 way)	5 Nos.

Category No. 9		
9.1	Hermatic Compressor 3 Ton Capacity.	2 Nos.
9.2	Hermetic compressors 1.5 (AC)	8 Nos.
9.3	Screw compressor (open type)	2 Nos.
9.4	Juice Dispencer	4 Nos.
Category No. 10		
10.1	I) Evacuating & refrigerant charging station, compression. a) Rotary two stage vacuum pump & motor (with gas ballast & anti suck back) manifold with gauges & valves & capable of pulling vacuum upto 50 microns of Hg & with provision of connecting to a microns level vacuum gauge b) Graduated charging cylinder with provision for temperature correction & all necessary isolating valves. II) Evacuating & charging station as above but fitted with weighing scale (upto 2 kg. In licu of (b) above & with accuracy of +/-1g for charging hydrocarbons	16 Nos.
10.2	Ice candy unit complete with stainless steel tank, mould box, thermocol insulated sunmica body, agitator, compressor, motor ele. Temperature, pressure, refrigerant control gauges, motor, pipe fitting ele 3000kcal/hr. working trainer model/ simulator.	3 Nos.
10.3	Ice Cuber	4 Nos.
Category No. 11		
11.1	Reciprocating compressor with provision of capacity control etc. for demonstration. Capacity 9000kcal/hr. semi hermetic open type.	6 Nos.
11.2	Recovery machine one each for CFC & 134a refrigent with recovery cylinder	18 Nos.
11.3	RECYCLING UNIT (OPTIONAL)	3 Nos.
Category No. 12		
12.1	See through model of Direct cooled refrigerator	2 Nos.
12.2	See through model of Frost free refrigertor	2 Nos.
12.3	Shell & tube type Dx chiller (Small)	6 Nos.
Category No. 13		
13.1	Table model of vapur absorption system	2 Nos.
13.2	Testing machine for calibration & testing fo electrical starter, relay, contractor, solenoid valve. LP, HP, Oil pressure cut out.	2 Nos.
13.3	Two stage rotary vacuum pump capacity approx. 60 - 100 rpm, capable of evacuating to 50 microns of Hg & fitted with gas ballast, anti suck back valve & single phase motor.	14 Nos.
Category No.14		
14.1	Variac input 230 V output 400 Va portabel complet with metere and controls	8 Nos.
14.2	Visi CoOler 250 Lts	4 Nos.
14.3	Working model of absorption system of Refrigeration cap. 3000 k.cal/hr.	2 Nos.
14.4	Working Model of Vapour Absorption System.	2 Nos.

Note:

1. Only the manufacturer and their accredited agents/stockist/dealers are entitled to quote. For this purpose they would submit an attested copy of valid license required under the Industrial Development and regulation Act, 1991 and in case of being agent/Stockiest, they will submit proof of their being accredited agent/stockiest. These documents should be submitted along with the request for tender form for supply of machinery and equipment. No tender form will be issued in the absence of such proof.
2. Earnest money Rs. 500/- for each category is required along with each tender.
3. Tender Form, Tender Instructions and Specifications are available on the website of the deptt., www.dtepunjab.gov.in under Centre of Excellence Link www.dtepunjab.gov.in/web/coe_web/CoE_ITI.htm. Tender Form, Tender Instructions and Specifications can be downloaded from the above website. Tender form fee Rs 20/- for each category will be deposited along with the Tender in the form of demand draft payable in favour of **Finance Officer, Finance Unit (SPIU), Deptt. Of Industrial Training, Punjab, Chandigarh.**

Dated:24.05.2010

State Project Director (SPIU)VTIP cum
Director, Technical Education &
Industrial Training, Punjab, Chd.