



**TATA MEMORIAL CENTRE
ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION IN CANCER (ACTREC).**

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

Tender No:	TMC/ACTREC/Engg/SP/ET-25/ductable Aircooled/KS 156/2021.
Tender Name:	SITC of Ductable Aircooled unit at KS 156, ACTREC

**Financial Bid
Sheduled of Quantity**

Name of Agency					
Sr.No.	Description	Unit	Qty	Rate	Net Amount
1.0	Air Cooled Split Ductable units:				
1.1	Supply & Installation, testing and commissioning of ceiling mounted air Cooled Ductable Split Units having capacity 3.0 TR with Rotary compressor. The indoor unit shall comprise of Fan, Cooling Coil, Filter and Expansion device. The Outdoor unit shall comprise of Rotary compressors. Air cooled condenser & condenser fan. Also, Compressor shall be cut-off automatically under part load conditions. The units shall have microprocessor controls. Scope shall have include all supports and mounting frame for the indoor and outdoor units and connect the indoor door with the existing ducts with Volume Control Dampers as required and minor modification of ducts if any required for installation. The units shall be selected for Ambient Conditions as specified. The units shall be factory assembled and only the refrigerant piping carried out at site. The contractor shall arrange to provide suitable arrangement to grout on the wall/floor. The rate to include is all respect including refrigerant charging, oil, all hardware's, drain pipes of suitable size, welding, inter connecting cables, mounting frame/M.S stand for indoor and outdoor unit etc. for commissioning the system. (Cost of Copper piping shall not include and will be paid as per actual). Remote should be installed as per user suitability extend with cable if required without extra cost. Make: Daikin/Trane/Mistubishi	3	Each		-
2.0	All refrigerant piping shall be of copper, complete with supports between indoor & outdoor units duly insulated with 13mm Nitrile rubber insulation with GC cloth..[RMT indicated is for set of piping between indoor and outdoor machine, individual piping will not be measured] All Exposed piping should be laid in ladder type tray				-
2.1	3/8",5/8" or as require	30	Rmt		-
3.0	SITC Control cables between indoor and outdoor unit and to the main supply cables as per instructed and as directed by OIC-ES.All Exposed Cable should be laid in ladder type tray make:-Finolex/polycab	30	Rmt		-
4.0	SITC PVC drain pipe having pressure holding of 6kg/cm2 Drain piping complete with all accessories with 6mm Nitrile Rubber Insulation.				-
4.1	Dia 25mm	10	Rmt		-
5.0	Supply & fixing of Fire retardant synthetic canvass connection with a provision to measure the canvass temperature at the mouth of package units & prenum with all fixing arrangement, nut bolts, hardware's etc. as per instruction of Engineer-in-charge.	3	Nos		-
6.0	GSS ducting with 9mm thick nitrile rubber insulation (Inside) and acoustic nitrile insulation of 10mm in plenum: Design, Supply, factory fabrication and installation of G.S.S. capsule/Oval ducting with required hardware's, supports,painting on MS parts etc as per the requirement,work to be carried out after approval of drawing, and instructions of Engineer-in-charge with the following gauges.				-
6.1	22 gauges	5	sqmtr		-
6.2	24 gauges	40	sqmtr		-
7.0	Supply & fixing of Volume control dampers at collars supply / exhaust for above units made out of 18 gauge GI. frame & 20 gauge GI blades at the supply & return air ducts.	1.5	sqmtr		-

8.0	SITC of Extruded aluminium powder coated diffuser with volume control damper with all necessary supports as per directed and as instructed by OIC-ES	1.5	sqmtr		-
9.0	Dismatling of existing duct as per instructed and as directed by OIC-ES.	1	Lot		-
		Total (Exclusive of GST)			-

Note:

- 1 The agency is requested to visit the site to know actual scope of work.
- 2 Rate shall be quoted inclusive of all levies & charges and **Excluding of GST**.
- 3 Material required at site should be assessed by the agency and bill will not be settled for excess/supplied at site but not used on expiry of
- 4 Bill will be settled as per actual measurement.
- 5 Deviations/suggestions may be put on separate page in order to attain higher quality performance. Component authority reserves full right to accept or reject any kind of changes.
- 6 Agency will have to prepare detailed drawing/ plan of work & obtained approval before execution. Agency will have time bound work schedule for carrying out the work.
- 7 Agency will have to give warranty of at least 1 years for all installtion from the handing over the project.
- 8 Agency will have to maintain the installtion by undertaking preventive maintenance on regular basis for smooth operation during defect liability period. Montly service to be provided during defectect liability period.
- 9 Payment will be released for consumed quantity on satisfactory completion on providing necessary certifications/documentation.
- 10 All above items of this schedule shall be standard and approved make.
- 11 Civil work require for the project is in a scope of contractor.