

Our Ref: SNE/2703
 27-03-2026

To

 The Chairman
 Canara Engineering College
 Mangalore

SUB: Techno-Commercial Offer for HVAC works Computer Lab Fourth Floor, Canara Engineering College Benjanapadav, Mangalore

HVAC WORK BOQ FOR AUDITORIUM CANARA ENGINEERING COLLEGE BENNJANAPADAV , MANGALORE(COMPUTER LAB & DISCUSSION ROOM) DUCTED UNIT						
Sl no	Description	Unit	Qty	Supply Rate	Installati on Rate	Total Amount
PART A : EQUIPMENT						
Ductble Unit . Make : Blue Star						
1.0	Supply of the outdoor unit consisting of hermetically sealed scroll Non Inverter compressor, necessary safety devices, air cooled condensor with condensor fan of adequate capacity. All mounted on M.S. frame and enclosed with all weather type enclosure to protect the electrical circuit and fan windings.					
	5.5TR/2200CFM (Discussion Room)	Nos	1	96600	0	96600
	8.5TR/3400CFM (Computer Lab)	Nos	4	153120	0	612480
2.0	Supply of Hi wall Mounted 3 stars rated Inverter split air conditioner with copper condenser & cordless remote.					
	2.0TR/600CFM	Nos	3	38500	0	115500
Sub Total Part A						824580
CGST @ 9%						74212
SGST @ 9 %						74212
Sub Total Part A						973004
PART B : ANCILLARY WORK						
3.0	Ductble Unit . Make : Blue Star					
	Installation, Testing & Commissioning of the outdoor unit consisting of hermetically sealed scroll Non Inverter compressor, necessary safety devices, air cooled condensor with condensor fan of adequate capacity. All mounted on M.S. frame and enclosed with all weather type enclosure to protect the electrical circuit and fan windings.					
	5.5TR/2200CFM (Discussion Room)	Nos	1	0	10500	10500
	8.5TR/3400CFM (Computer Lab)	Nos	4	0	14000	56000
4.0	Installtion , testing and commissioning of Hi wall Mounted 3 stars rated Inverter split air conditioner with copper condenser & cordless remote.					
	2.0TR/600CFM	Nos	3	0	2000	6000
Copper pipe for Air handling unit and Ductable unit						
5.0	Supply and Installation of Hard drwan Copper pipe with nitrile rubber insulation suitable suction and discharge line.					
	1 1/8" pipe	Rmt	46	1890	210	96600
	7/8" Pipe	Rmt	15	1522	210	25980
	5/8 " pipe	Rmt	61	762	210	59292
6.0	Supply, Installation, testing & commissioning of control cables interconnecting between Indoors and outdoor Units.					
	6core x 1.5Sqmm	Rmt	75	170	95	19875
7.0	Supply and installation of PVC drain pipe insulated with 9mm nitrile rubber insulation including elbows, connectors, U traps, Y-connections and flexible tubing for all indoor units to the nearest toilet drain /pantry drain/ HVAC shaft available as per site conditions and as per directions of the Architect site engineer. The quote should inclusive of all Hardware necessary to secure the pipes. <i>Make: Supreme/ Ashirwad</i>					
	32 mm Dia	Rmt	60	220	150	22200
8.0	Refrigerant Gas	Kg	38	0	950	36100

9.0	Air Distribution Work					
	Supply and Installtion of Factory fabricated GSS Ducting (Box ducts only) with TDF FLANGES ONLY Duct supports from slab/roof , cleat joints, gaskets, bolts & nuts. GSS ducting shall meet the requirements of Class VIII.Ducts should be supplied covered using polythene sheets from factory. the prices quoted are inclusive of supports for ducts .Make: Dev duct (Sail,JSW)					
	24 Gauge	Sqmt	130	936	300	160680
	22 Gauge	Sqmt	74	1060	300	100640
10.0	Supply and installation of Accoustick insulation of initial ducts with 10mm thick /60-80Kg density open cell on both side nitrille rubber insulation. Make : K Flex/Arma Flex	Sqmt	40	44	200	9760
11.0	Supply & Installation of Thermal insulation of ducts with 13 mm thick Class O Closed cell elastomeric nitrille rubber thermal insulation for ducts .Make : K Flex/Arma Flex	Sqmt	170	290	200	83300
12.0	Supply and installation of Aluminium powder coated Supply /Return Air Grills.Make : R K fabs/System Air/Syncro					
	150 mm wide	Rmt	74	1215	325	113960
13.0	Supply and installation of Aluminium Collar Damper .Make : R K fabs/System Air/Syncro					
	600mmx150mm	Nos	40	880	250	45200
14.0	Supply and installation of Aluminium powder coated Supply Square Air Grills with AL Damper .Make : R K fabs/System Air/Syncro					
	Outer 600 mm x 600 mm , Neck 550mm x550 mm	Nos	4	4855	600	21820
15.0	Supply and installation Fresh Arrangement with GI VCD .Make : R K fabs/System Air/Syncro	Nos	5	2000	1600	18000
16.0	Supply and installation of Fresh Air Louvers complete with bird screen and fixing arrangement filter etc as required for outlet area. Make : R K fabs/System Air/Syncro	Nos	5	1990	1000	14950
17.0	Supply and Installation of Flexible Canvas Connection	Nos	5	2000	1600	18000
18.0	Equipment Lifting, shifting, unloading charges	Lot	1	0	25000	25000
19.0	Supply and Installation of M S Outdoor Stand (Cat Walk at Fourth Floor Level)	Nos	2	30000	6000	72000
20.0	Supply and Installation of Secondary Support (Primary Support Customer Scope)	Lot	1	0	65000	65000
21.0	Scaffolding Charges	Lot	1	0	60000	60000
22.0	Civil Charges (Wall Opening , Closing)	Lot	1	0	20000	20000
23.0	Supply and installation of 25 mm thick rockwell building roof 24kg/cubic meter density without aluminium facing . Roll std size(10mx1.1m) (Near Indoor Machine only)	Sqmt	Ronly	385	300	0
24.0	Supply and Installation of Voltage Stabilizer					
	5 KVA	Nos	3	2500	0	7500
25.0	Supply and Installtion of Ready Made Stand	Nos	3	850	200	3150
	Sub Total Part B					1171507
	CGST @ 9%					105436
	SGST @ 9 %					105436
	Total Part B					1382378
Total Price Part (A+B) with Taxes						2355383

Excluded works and Services

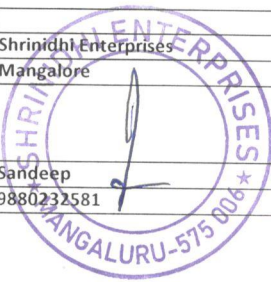
The following items of work are not included in our scope and would request you to carry out the same through other agencies

- Minor civil works viz., openings in walls for passage of pipes, cables and making good of the same
- False ceiling opening and required trap doors, false ceiling
- Wooden framework to mount the grilles / diffusers.
- Exposed glass to be shaded with Venetian blind / sun control film.
- Roof cutting made by customer for copper piping
- Power for commissioning of the units
- Electrical works For HVAC system and electrical cabling
- Three phase power supply near the indoor unit as per required rated MCB
- Scaffolding arrangements
- M S fabrication works for Supply and Return duct supports

Less -

Negotiated for a total of
Rs 21,00,000/-

W.O. may be issued



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27/3/26

TO PA
 WO/CHSA/Silverjup.
 HZ

07/03/2006