



**MAHARASHTRA STATE ELECTRICITY
TRANSMISSION COMPANY LTD**

(CIN No.- U40109MH2005SGC153646)



From:-**The Executive Engineer**

Name of Office:- **400 K.V.R.S.Dn. New Koyna**

Office address:-**A/p- Pimpli (Bk) , Tal-Chiplun, Dist: Ratnagiri - 415 604**

Contact No:-**8411001505**

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Ref: EE/400KV/RSDN/NK/T **000216**

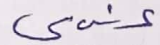
Date: **28 APR 2025**

TO WHOM SO EVER IT MAY CONCERN

Please find attached herewith the detailed schedule for the "Work of replacement of the existing centralized HVAC system with a new 11 TR Air-Cooled Centralized HVAC system (Blue Star / Hitachi / Voltas make) using R-410 gas or equivalent" at 400 kV RS Division, New Koyna.

All interested and experienced bidders are requested to visit the site to ensure accuracy in assessing the area and quantities considered in their budgetary offer. You are kindly requested to submit your most competitive budgetary offer as per the attached Schedule 'A', including the applicable GST on materials, Labour Cess @1%, and F&I @2% on services, by **05.05.2025** via email at ee3140@mahatransco.in.

Please note that this budgetary offer is intended for estimation purposes only.


**Executive Engineer (I/C),
400 KV R. S. Div, New Koyna**

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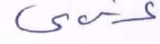
SCHEDULE 'A'

Sub: - Work of replacement of the existing centralized HVAC system with a new 11 TR Air-Cooled Centralized HVAC system (Blue Star / Hitachi / Voltas make) using R-410 gas or equivalent at 400 kV RS Division, New Koyna.

Sr. No.	Particulars	Unit	Qty.	Rate Per Unit (Ex. Works)
A	SUPPLY PORTION			
1	AHU Air Conditioning Plant Air Handling Units 15500 CFM at 80 to 100mm Static Pressure Re circulated type double skin Air –Handling Units for Classified Areas. Double Skin AHU in Thermal Break Profile Complete with mixing chamber section Fan Section Filter section Return Air Plenum with AL. Aerofoil type volume control damper for return Fresh Air Damper with double HDPE insect mesh 20-micron filter DIDWbackward curved air blower. Kruger/Nicotra, 6 row deep cooling coil 2 nos alternative return air filter 10 Micron Filters of Sizes 610x610x300mm The Velocity Across 10 & 5 Micron Filters upto 500 FPM service window supply Air Volume Control Damper Weather proof light with limit switch non FLP motor for blower pressure diff. gauge for measuring filter.	No		
2	Air Cooled Condensing Unit Comprises of Compressor, Condenser, Interconnecting piping, Refrigerant gas, Expansion Valves, hand shut off Valve, Insulation & Installation of 11TR. ODU Make- Voltas/ Hitachi or Equivalent	No		
3	Refrigerant piping of Hard Copper with insulations along with heat proof & Sound Proof wall Panelling work and Alu. Partition work (Size 11/8 & 5/8)	Mtr		
4	Controls for Refrigeration systems include Expansion valves filter drier & Refrigerant Control Valves isolation valve etc	No		
5	Refrigerant Gas R-410 or equivalent	Kg		
6	MS Stand for Condensing Unit & AHU Units	No		
7	Electrical Control Panel with RYB Indication capacity of MCCB with digital KWH meter volts & Amp meter fully auto control panel all types of indication like LP/HP/AHU OFF/On & tripping system of overload.	No		
8	Reducing for AHU unit to booster (existing) upto end point of chamber	Sqft		
9	ABS Grill with VCD supply & installation etc.	Sqft		
10	ABS Grill without VCD supply & installation etc.	Sqft		
B	LABOUR PORTION			
10	Dismantling of old Centralized Ac plant	Job		
12	Repairing Cleaning by robot of old HVAC ducting and leakage Repairing work etc	Sqft		

13	Modification of old Ducting and Replacement Canvas cushion 22 Guage	Sqft		
14	10 sq mm 4 core flexible copper cable ODU to Control panel and Panel to Air handling Units.	Mtr		
15	Labour charges / Testing & Commissioning of Centralized AC plant	Job		

Note: Quantities should be taken as per site requirement. All bidders are requested to visit the site before submitting the offer.


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