



**NATIONAL INSTITUTE OF MENTAL HEALTH AND NEUROSCIENCES
(INSTITUTE OF NATIONAL IMPORTANCE) BANGALORE-560 029
ENGINEERING DEPARTMENT Phone (080) 26995215.**

Ref.No.NIMH/ENG/EE/578/2022-23

Dt: - 02/07/2022

QUOTATION NOTIFICATION

Sealed Quotations are invited from the reputed agencies/contractor for the work of Replacement and upgradation of AHUs installed at Convention centre NIMHANS. addressed to the Executive Engineer, National Institute of Mental Health and Neurosciences, Post Box.No.2900, Hosur Road, Bangalore-29, so as to reach the quotation to undersigned by 11.00 A.M on or before 12/07/2022.Quotations will be opened on the same day at 11.30 A.M. Please furnish your quotation in a sealed cover and rate to be quoted in figures and words including GST.

Sl. No	Description of the works	Unit	Quantity
1.	Supply, Installation, testing and commissioning of Floor Mounted Double skin AHU with 48 mm profile insulated panel. 0.6 mm polyester pre coated galvanized steel sheet with EU-4 Grade filter Grade filter with dehumidifier heaters strips to maintain RH of 40% to 70% with inbuilt Humidistats, 63.0 TR Total Capacity, Supply Air Quantity 25000 CFM - 60mm ESP, with 15 kw motor based on Return air conditions: 24 Deg. C / 55 % with Pre filters. Stainless steel tray, AHU unit with PLUG FAN. etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading , un loading lead lift transportation charges and GST etc.,Make :ZECO/LUFTEK	Nos	1
2.	Supply, Installation, testing and commissioning of Floor Mounted Double skin AHU with 48 mm profile insulated panel. 0.6 mm polyester pre coated galvanized steel sheet with EU-4 Grade filter Grade filter with dehumidifier heaters strips to maintain RH of 40% to 70% with inbuilt Humidistats.38.0 TR Total Capacity, Supply Air Quantity 15000 CFM - 60mm ESP, with 15 kw motor based on Return air conditions: 24 Deg. C / 55 % with Pre filters. Stainless steel tray, AHU unit with PLUG FAN.AHU unit with PLUG FAN etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading, un loading lead lift transportation charges and GST etc., Make :ZECO/LUFTEK	Nos	2

3.	Supply, Installation, testing and commissioning of Floor Mounted Double skin AHU with 48 mm profile insulated panel. 0.6 mm polyster pre coated galvanized steel sheet with EU-4Grade Grade filter with dehumidifier heaters strips to maintain RH of 40% to 70% with inbuilt Humidistats. 30.0 TR Total Capacity, Supply Air Quantity 12000 CFM - 60mm ESP, with 10 kw motor based on Return air conditions: 24 Deg. C / 55 % with Pre filters. Stainless steel tray, AHU unit with PLUG FAN etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading , un loading lead lift transportation charges and GST etc.,Make :ZECO/LUFTEK	Nos	2
4.	Supply, Installation, testing and commissioning of Floor Mounted Double skin AHU with 48 mm profile insulated panel. 0.6 mm polyster pre coated galvanized steel sheet with EU-4Grade filter with dehumidifier heaters strips to maintain RH of 40% to 70% with inbuilt Humidistats. 52.0 TR Total Capacity, Supply Air Quantity 21000 CFM - 60mm ESP, with 20 kw motor based on Return air conditions: 24 Deg. C / 55 % with Pre filters. Stainless steel tray, AHU unit with PLUG FAN.AHU unit with PLUG FAN etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading , un loading lead lift transportation charges and GST etc.,Make :ZECO/LUFTEK	Nos	1
5.	Supply, Installation, testing and commissioning of Floor Mounted Double skin AHU with 48 mm profile insulated panel. 0.6 mm polyster pre coated galvanized steel sheet with EU -4 Grade filter with dehumidifier heaters strips to maintain RH of 40% to 70% with inbuilt Humidistats. 33.0 TR Total Capacity, Supply Air Quantity 13000 CFM - 60mm ESP, with 10 kw motor based on Return air conditions: 24 Deg. C / 55 % with Pre filters. Stainless steel tray, AHU unit with PLUG FAN.AHU unit with PLUG FAN etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading , un loading lead lift transportation charges and GST etc., Make :ZECO/LUFTEK	Nos	1
6.	Supply, installation, testing and commissioning of floor mounted double skin AHU with 48mm profile insulated panel. 0.6mm polyster pre coated galvanized steel sheet with EU-4 Grade Grade filter with dehumidifier heaters strips to maintain RH of 40% to 70% with inbuilt Humidistats 15.0 TR total Capacity, supply air quantity 6000 CFM- 60mm ESP, with 10kw motor based on return air conditions:24 Deg.C/55% with pre filters. stainless steel tray, AHU unit with PLUG FAN Make :ZECO/LUFTEK	No	1
7.	Supply, Installation, testing and commissioning of VFD panel for AHUs by pass control in case of star delta failure. The same can be bypassed and run the systems. Make DANFOSS VFD's make etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading , un loading lead lift transportation charges and GST etc.,	Nos	8

8.	Existing AHU unit dismantling and shifting to specified place etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading, unloading lead lift transportation charges and GST etc.,	Nos	8
9.	New AHU supply and fixing of canvass connections etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading , un loading lead lift transportation charges and GST etc.,	Nos	8
10.	AHU mouth ducting connection to suit existing duct with 13 mm accoustic insulations etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading , un loading lead lift transportation charges and GST etc.,	Nos	8
11.	Existing AHU room ducts and plenum cleaning before duct modifications and duct connections etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading , un loading lead lift transportation charges and GST etc.,	Nos	8
12.	After testing and commissioning of AHU's air balancing to be done with HOOD and need to submit designed CFM report and temperature etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading , unloading lead lift transportation charges and GST etc.,	lot	8
13.	Replacing of AHU drain line with insulation etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading , unloading lead lift transportation charges and GST etc.,	lot	8
14.	Electrical cable work connected to AHU, VFD Panel etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading , unloading lead lift transportation charges and GST etc.,	Rmt	100
15.	Supply of 2/3 way Actuator with Thermostat make SEIMENS/HONEWELL as per site conditions etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading , unloading lead lift transportation charges and GST etc.	Nos	8
16.	Installation actuator with flange to suit existing chill water pipe line, Insulation of the same with nitrile rubber and aluminum gladding etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading , unloading lead lift transportation charges and GST etc.,	Nos	8
17.	Existing electrical panel dismantling and fixing new VFD panel with necessary cables with terminations etc., complete as per direction of the Engineer in - charge of work including cost of all materials, labour charges, loading , un loading lead lift transportation charges and GST etc.,	Nos	8
18.	Providing 165 mm dia butterfly valves of PN 10 rating with extended stem with companion flanges and insulation as above etc., complete as per direction of the Engineer- in-charge of work including cost of all materials, labour charges, loading ,unloading ,lead lift , transportation charge and GST etc.,	Nos	32

19.	Providing pressure test points etc., complete as per direction of the Engineer-in- charge of work including cost of all materials, labour charges, loading ,unloading, lead lift, transportation charge and GST etc.,	Nos	16
20.	Providing thermo meters etc., complete as per direction of the Engineer-in- charge of work including cost of all materials, labour charges, loading ,unloading, lead lift, transportation charge and GST etc.,	Nos	16
21.	Providing MS structural platform/civil works for AHUs as per site conditions etc., complete as per the direction of the Engineer-in- charge of work including cost of all materials, labour charges, loading, unloading, lead lift, transportation charge and GST etc.,	Nos	8
22.	Supply and instalation of pressure gauges with ball valves etc., complete as per the direction of Engineer-in-charge of work including cost of all materials, labour charges, loading unloading, lead lift, transportation charge sand GST etc.,	Lot	16
23.	Supply and fixing A.H.U piping with insulation F.R.P lining etc., complete as per the direction of Engineer-in-charge of work including cost of all materials, labour charges, loading unloading, lead lift, transportation charge sand GST etc.,	Nos	8
24.	Providing A.H.U welding work for all 8 A.H.U's etc., complete as per the direction of Engineer-in-charge of work including cost of all materials, labour charges, loading unloading, lead lift, transportation charge sand GST etc.,	Nos	8
	Grand Total (A)		
1.	By Back of Dismantled materials such as AHU's, fitters, Channels, pipes etc as per the direction of Engineer-in-charge of work including cost of all materials, labour charges, loading unloading, lead lift, transportation charge sand GST etc.,	Ls	Ls
	Grand Total (B)		
	Total net amount (A)-(B)		

(Rs.....)

Terms and Conditions:

1. The contractor/agency should submit the quotation along with EMD for Rs.3,00,000/- in the form of DD drawn in favour of the Director NIMHANS Bangalore otherwise quotation will be rejected.
2. All the items rates quoted in the quotation include all lead, lifts, loading, unloading, transportation, labour, hire charges of machinery, curing, cost and conveyance of all materials and all such incidental charges for successful completion of the works as per the detailed technical specification and direction of Engineer-in charge of the work.
3. Statutory recoveries as and when imposed by the Central Government and state Government such as taxes and cess etc., shall be recovered in the bills payable to the contractor.
4. The agency should inspect the Convention Centre in the NIMHANS campus along with concerned Engineer before quoting the rate.
5. 5% security deposit should be submitted after receipt of the Letter of Acceptance. Security deposit will be released after 5 years.
6. The tenderer should be a valid class-I (Electrical) and above registered contractor in KPWD/CPWD/CEIG.
7. The rate to be quoted including GST.
8. The agency should furnish Registration Certificate of GST.
9. No advance payment shall be paid for the successful agency.
10. If the dates mentioned happens to be institute holiday the next working day should be considered.
11. The contractor/agency has to carry out the AMC and CMC for a period of five year's i.e 24/7 and under taking agreed to release the security amount only after completion five year defeats liability period during this period no payment will be released for replacement of spare parts/ repair work etc..
12. The agency/Contractor should be enclosed similar nature of work done certificate carried out in the government organization only will be issued by the officer not less below the rank of an Executive Engineer (The work done certificate is mandatory).
13. Conditional quotation will not be accepted.
14. Any disputes occurs during contract period the agency will be terminated and action will be taken as per norms.
15. Subcontract will not be entertained.
16. Prosperous tenderers are requested to visit the NIMHANS website regularly till this tender process is complete, for any amendment/clarification notified if any. It will not be published in any other form.
17. Tenderers shall quote for all the items. Otherwise his tender shall be rejected.
18. For any clarification please contact Sri.K.N.Ramakrishnappa. J.E (Electrical) Mobile no.9480829688 between 10.00 am to 4.00 pm during working hours.
19. The Director, reserves the right for accepting or rejecting any or all quotations for this work without assigning any reasons at any stage.

Sd/-
Executive Engineer
NIMHANS, Bangalore.