



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

Ref.No.NIMH/ENG/EE/ 605/2020- 21

Dt: 02 /07/2020

QUOTATION NOTIFICATION

Sealed Quotations are invited from the reputed agencies for the work of “Replacement of AHUs and cooling tower MS pipes 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 03.00 p.m on or **before 13/07/2020** Quotations will be opened on the same day at 03.30 p.m. Please furnish your quotation in a sealed cover rate to be quoted in figures and words.

| Sl. No | Description of the works | Unit | Quantity | Rate in figure & words | Amount |
|--------|---|------|----------|------------------------|--------|
| 1. | 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 7 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 polyster pre coated galvanized steel sheet with EU 7 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 | | |

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| 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 7 Grade 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 7 Grade 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 7 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 7 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 12000 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 | | |

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| 7. | Supply, Installation, testing and commissioning of Electrical panel IP 65 Grade with LED indicator and Amps indicators suitable for all AHUs-with star delta by pass controller in case of VFD failure the same can be bypassed and run the systems 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 | | |
| 8. | 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 , unloading lead lift transportation charges and GST etc., | Nos | 8 | | |
| 9. | 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 | | |
| 10. | New AHU supply and fixing of canvas connections 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 | | |
| 11. | AHU mouth ducting connection to suit existing duct with 13 mm acoustic insulations 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 | | |
| 12. | 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 , unloading lead lift transportation charges and GST etc., | Nos | 8 | | |
| 13. | 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 | | |
| 14. | 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 | | |
| 15. | 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 | 80 | | |

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| 16. | 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 | | |
| 17. | 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 | | |
| 18. | 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., | | 8 | | |
| 19. | Condenser water piping with C class GI pipe of 50 mm dia as per site conditions 10-12 mtr long with water proff coating FRP lining 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., | Rmt | 12 | | |
| 20. | Condenser water piping with C class GI pipe of 65 mm dia about 4.5 mtr long with water proff coating FRP lining 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 | 12 | | |
| 21. | Condenser water piping with C class GI pipe of 80 mm dia about 4.5 mtr long with water proff coating FRP lining 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 | 12 | | |
| 22. | Condenser water piping with C class GI pipe of 1000 mm dia about 4.5 mtr long with water proff coating FRP lining 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 | 12 | | |
| 23. | 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 | 12 | | |
| 24. | Providing 45 mm dia butterfly valves for drain 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 | 4 | | |

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| 25. | 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 | 4 | | |
| 26. | Providing thermo wells 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 | 10 | | |
| 27. | Providing MS structural platform/civil works as per site conditions to pipe lines 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 | 5 | | |
| 28. | Providing water proof painting of existing condenser pipe line near the cooling tower room 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 | 1 | | |
| TOTAL (Rs) | | | | | |

(Rs.....)

Note: GST shall be mentioned clearly.

Terms and Conditions:

1. The agency should furnish Registration Certificate of GST.
2. The agency should be enclosed at least one similar type of work executed in Government organization, Preference will be given to those who have worked in hospital related works.
3. Prosperous quotationers are requested to visit the NIMHANS website regularly till this Quotation process is complete, for any amendment/clarification notified if any. It will not be published in any other form.
4. All the items rates quoted in the tender 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.
5. No advance payment shall be paid for the successful agency.
6. If the dates mentioned happens to be institute holiday the next working day should be considered.
7. Contractor should follow strictly the prevailing rules of labour act as per GOI. Necessary safety arrangement should be made for labours such as safety belts, helmets etc.
8. 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.
9. The agency should be inspected the Convention Centre in the NIMHANS campus along with concerned Engineer before quoting the rate.
10. The rate to be quoted including GST.
11. The Director, reserves the right for accepting or rejecting any or all quotations for this work without assigning any reasons at any stage.

Signature of the Quotationer/Agency
With seal and address

Sd/-
Executive Engineer
NIMHANS, Bangalore.