



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

Ref.No. NIMH/ENG/EE/226 /2022-23

Dt: 13/05/2022

**QUOTATION NOTIFICATION**

Sealed quotation are invited from reputed Contractor/agencies to obtain the unit rate for "Providing and installation of air conditioners of different capacity with 5 year maintenance in NIMHANS campus ". addressed to the Executive Engineer,Engineering Section, National Institute of Mental Health and Neuro Sciences, Post Box.No. 2900, Hosur Road, Bangalore-29, so as to reach the undersigned by 11.00 a.m. on or before 24/05/2022 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 & words.

Sl/No	Description	Unit	Quantity	Unit Rate to be quoted in figure and words including GST
1	Supplying , installation ,testing and commissioning of Invertor type split Air conditioners suitable for operation on A/C supply single phase 50 Hz 230 Volts with hermetically sealed inverter compressor with air cooled condenser, latest R410A / R-32 refrigerant fan motor, start & run capacitors, relay & over load protector internal unit, with one indoor & one outdoor unit. The condenser unit will be placed outside the room avoid noise including standard length of suitable size copper tubing covered with nitrile rubber insulation tube suitable capacity 4Cx2.5 sqmm core sheathed/ PVC copper cable and a battery operated wireless remote unit with core cutting and commercial case capping to cover the insulated copper pipe with suitable voltage stabilizer 5 star rated copper condenser <b>Blue star</b> make			
a	1 ton capacity	Each	1	
b	1.5 ton capacity	Each	1	
c	2 ton capacity	Each	1	
2	Supply erection, testing, commissioning of Cassette type split Air conditioners suitable for operation on single/three phase AC supply, hermetically sealed compressor with air cooled condenser motor capacitor start, capacitors run , relay and over load protection, one ceiling mounted indoor unit and one outdoor condenser unit including			

	standard accessories covered with insulation tube including battery operated cordless unit with core cutting and commercial case capping to cover the insulated copper pipe make with voltage stabilizer <b>Blue star make</b>			
a	1.0 TR Cassette 1 Ph	Each	1	
b	1.5 TR Cassette 1 Ph	Each	1	
c	2.0 TR Cassette 1 Ph	Each	1	
3	Supplying and installation of insulated refrigerant copper tubing of 5/8`` and 3/8`` with polythene foam insulation 4C x 2.5 sqmm core copper wiring between indoor and outdoor unit. Leak testing oil and gas charging for additional piping length of tube.			
a	Split	Per Mtr.	1	
b	Cassette	Per Mtr.	1	
4	Supply and fixing of Stand fabricated using slotted angle/L angle of size 6mm x 50mm for mounting out door/indoor A.C. unit./ Batteries.	Each	1	
5	Supplying & filling refrigerant latest R-410 / R-32 for air conditioning equipment's. Which includes the labour & Nitrogen gas for pressure and leak testing.	Per Kg	1	
6	Supply and fixing of drain pipe 25mm or suitable CPVC drain pipe connecting outside nearest drain point as per the site requirements.	Per Mtr.	1	

### **5 years of maintenance includes.**

1. Providing maintenance services pertaining to the air conditioners installed.
2. Quarterly checking and servicing like cleaning of filters, water washes of indoor and outdoor units of the installed air conditioners.
3. Repair work of the AC units includes necessary parts replacement if found defective or faulty like compressor, fan motor, indoor fan motor/blower, motor control units, PCB, related electrical connections.
4. Gas refilling along with leakage arresting.
5. The unit should be maintained in proper working condition for uninterrupted service.

### **Terms and conditions.**

1. The Rate contract is valid for a period of one year.
2. Payment will be made after successful installation and commissioning of the AC units at the campus with 5% amount deduction and the same amount will be released on the successful completion of 5 year maintenance period.
3. The agency should furnish Registration Certificate of GST.

4. All the items rates quoted in the tender include all lead, lifts, loading, unloading, transportation, labour, hire charges of machinery, 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. EMD (Earnest Money Deposit): Rs.50,000/- in the form of DD drawn in favour of the Director, NIMHANS Bengaluru along with the quotation otherwise quotation will be rejected.
10. The agency should inspect the NIMHANS hospital along with concerned Engineer before quoting rates.
11. The rate to be quoted including GST.
12. The contractor agency tendered has to carry out the maintenance work for a period of Five year's i.e 24/7 (including Annual maintenance and comprehensive maintenance if this work) and under taking agreed to release the security amount only after completion one year defeats liability period.
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. The Director, reserves the right for accepting or rejecting any or all application/tender for this work without assigning any reasons at any stage.
17. For any clarification please contact Sri.S.Puneeth Kumar. J.E (Electrical) Mobile no.9480829698 between 10.00 am to 4.00 pm during working hours.
18. Tenderers shall quote for all the items. Otherwise his tender shall be rejected.
19. 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.
20. AC and other allied works to be carried out as per direction of Engineer in charge of the work.

Sd/-  
Executive Engineer  
NIMHANS, Bangalore.