

Repairing of non-operational air-conditioners (VRF, AHUs, Ductable, Package etc.)  
installed at I.G.I.M.S, Patna

## BIDDING DOCUMENT

SHORT URGENT TENDER NOTICE No : IGIMS/EC/EW / 22 / 2022- 2023



SHORT URGENT TENDER NOTICE No : IGIMS/EC/EW / 22 / 2022- 2023

Issued to:

Cost of Document: Rs. 2500/-

Paid By:

Cash:

Receipt No.:

Demand Draft:

DD No.:

Issuing Bank:

(Authorized Signatory)



**INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES,**  
**SHEIKHPURA, PATNA -800014 (Bihar, India)**

Sr. No. of Tender: \_\_\_\_\_

FILE NO. : Tender No.: \_\_\_\_\_

Tender form issued in favour of: \_\_\_\_\_

Dear Sir,

1. I/We hereby submit our tender for the \_\_\_\_\_  
\_\_\_\_\_
  2. I/We are enclosing herewith the Demand Draft No..... dated.....  
for Rs. /- drawn in favor of Director I.G.I.M.S. - Patna (payable at Patna) towards  
EMD / Bid Security.
- (EMD AND COST OF BIDDING DOCUMENTS MUST BE SUBMITTED IN SEPRATE ENVELOP.TENDERS NOT ACCOMPANIED WITH EMD / BID SECURITY ALONG WITH THE TECHNO-COMMERCIAL BID SHALL BE SUMMARILY REJECTED).**
3. I/We have gone through all terms and conditions of the tender documents before submitting the same.
  4. I/We hereby agree to all the terms and conditions, stipulated by the I.G.I.M.S. - Patna including delivery, warranty, penalty etc. Quotations for each group are being submitted under separate covers, and sheets and shall be considered on their face value.
  5. I/We have noted that overwritten entries shall be deleted unless duly cut & rewritten and initialed.
  6. Tenders are duly signed and stamped. No thumb impression should be affixed)
  7. I/We undertake to sign the contract/agreement, if required, within 07 (Seven days) from the date of issue of the letter of acceptance, failing which our/my EMD/Bid deposited may be forfeited and our/my name may be removed from the list of suppliers.
  8. I/we have quoted the price in Indian Rupee only.

Yours faithfully,

**(Signature of Bidder with full name and address)**

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**Repairing of non-operational air-conditioners (VRF,AHUs,Ductable, Package etc.)  
installed at I.G.I.M.S, Patna**

Sealed Tenders in two Bid System (Technical and Price) are invited from reputed agency for repairing of non-operational air-conditioners (VRF, AHUs, Ductable, Package etc.) installed at Indira Gandhi Institute of Medical Science, Sheikhpura, Patna (Bihar).

The bidders are requested to read the tender document carefully and ensure compliance with all specifications/instructions herein. Non-compliance with specifications/instructions in this document may disqualify the bidders from the tender exercise. The Director, Indira Gandhi Institute of Medical Sciences, Patna reserves the right to select the item (in single or multiple units) or to reject any quotation wholly or partly without assigning any reason. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.

**Location, Items name with specification:**

Sr. No	ITEMS
1.	<b><u>KTU:</u></b> Copper piping size 22.2mm Dia with tube insulation. Copper piping size 12.7mm Dia with tube insulation. Transmission wiring of 2 core x 1.5 Sqmm copper in suitable PVC conduits for interconnection between IDUs & ODUs. Leak, Testing, Vaccum and refrigerant charging(R22)- <b>(1<sup>st</sup> Circuit)</b>
2.	<b><u>KTU:</u></b> Copper piping size 28.6mm Dia with tube insulation. Copper piping size 15.9mm Dia with tube insulation. Transmission wiring of 2 core x 1.5 Sqmm copper in suitable PVC conduits for interconnection between IDUs & ODUs. Leak, Testing, Vaccum and refrigerant charging (R22). 8.5TR Compressor. 11/8 Expansion valve. 15.9mm Dryer filter.- <b>(2nd Circuit)</b>
3.	<b><u>T-ZONE:</u></b> Copper piping size 22.2mm Dia with tube insulation. Copper piping size 12.7mm Dia with tube insulation. Transmission wiring of 2 core x 1.5 Sqmm copper in suitable PVC conduits for interconnection between IDUs & ODUs. Leak, Testing, Vaccum and refrigerant charging(R22). 5.5TR Compressor. Outdoor Fan Motor, Outdoor fan blade.
4.	<b><u>T-ZONE Dr Pallavi Chamber:</u></b> Copper piping size 22.2mm Dia with tube insulation. Copper piping size 12.7mm Dia with tube insulation. Transmission wiring of 2 core x 1.5 Sqmm copper in suitable PVC conduits for interconnection between IDUs & ODUs. Leak, Testing, Vaccum and refrigerant charging(R22)
5.	<b><u>T-ZONE Sister Duty Room:</u></b> Copper piping size 22.2mm Dia with tube insulation. Copper piping size 12.7mm Dia with tube insulation. Transmission wiring of 2 core x 1.5 Sqmm copper in suitable PVC conduits for interconnection between IDUs & ODUs. Leak, Testing, Vaccum and refrigerant charging(R22)
6.	<b><u>Main Opd:</u></b> Copper piping size 22.2mm Dia with tube insulation. Copper piping size 12.7mm Dia with tube insulation. Transmission wiring of 2 core x 1.5 Sqmm copper in suitable PVC conduits for interconnection between IDUs & ODUs. Leak, Testing, Vaccum and refrigerant charging(R22). 5.5TR Compressor. Outdoor Fan Motor, Outdoor fan blade.
7.	<b><u>Cath OT:</u></b> Copper piping size 22.2mm Dia with tube insulation. Copper piping size 12.7mm Dia with tube insulation. Transmission wiring of 2 core x 1.5 Sqmm copper in suitable PVC conduits for interconnection between IDUs & ODUs. Leak, Testing, Vaccum and refrigerant charging(R-410A). Y-Joint refnet.
8.	<b><u>LTU Department:</u></b> Copper piping size 28.6mm Dia with tube insulation. Copper piping size 15.9mm Dia with tube insulation. Transmission wiring of 2 core x 1.5 Sqmm copper in suitable PVC conduits for interconnection between IDUs & ODUs. Leak, Testing, Vaccum and refrigerant charging(R-410A)
9.	<b><u>Advance CCU:</u></b> Copper piping size 38.1mm Dia with tube insulation. Copper piping size 19.05mm Dia with tube insulation. Transmission wiring of 2 core x 1.5 Sqmm copper in suitable PVC conduits for interconnection between IDUs & ODUs. Leak, Testing, Vaccum and refrigerant charging(R-410A). Y-Joint refnet. Electronic expansion Valve.
10.	<b><u>SICU Department:</u></b> Copper piping size 38.1mm Dia with tube insulation. Copper piping size 19.05mm Dia with tube insulation. Transmission wiring of 2 core x 1.5 Sqmm copper in suitable PVC conduits for interconnection between IDUs & ODUs. Leak, Testing, Vaccum and refrigerant charging(R-410A). Y-Joint refnet.

Quoted rate by the agency must include all complete works including supply and installation of spare parts, freight taxes, contractor profit etc. all inclusive. Quantity mentioned may increase or decrease. The payment will be made as per actual measurement of quantity executed at site. The interested agency is advised to visit the site at IGIMS, Patna before quoting their rate, so that to understood the scope of work at site.

Interested bidders are requested to visit the site and quote their most competitive prices and submit sealed quotation bearing this tender reference and submit on 05/04/2023 or before 3:00 PM. at the office of "The Director, Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna – 800014 (Bihar). Any bids received after 3:00 P.M. on 05/04/2023 shall not be considered.

The Technical Bids will be opened on 06/04/2023 at 3:00 PM. at Conference Hall, Administrative Block of the Institute. The bidders or their authorized representatives may also be present during the opening of the Technical Bid, if they desire so, at their own expenses. The date & time for opening of Financial Bids will be informed later on to the technically qualified bidders.

**The Quotation should be accompanied by attested copies of the following: MARKED AS COVER A: TECHNICAL BID**

- (i) **Average Annual Turnover:** Attested/notarized photocopy average turnover of the bidder in the last three financial years 2019-2020, 2020-2021 & 2021 -2022 shall not be less than Rs 25 Lakhs. Annual turnover statement from sales of items for the last three financial years 2019-2020, 2020-2021 & 2021 - 2022 certified by the Auditor/Chartered Accountant should be submitted.
- (ii) **EXECUTION OF SIMILAR CONTRACTS** : Attested/notarized photocopy of the similar nature of work carried out by the agency in last 3 Years etc. must be submitted by the Bidder.
- (iii) **GST REGISTRATION NUMBER:** Attested/notarized photocopy of GST Registration number must be submitted with the Bid document.
- (iv) **Permanent Account Number:** Attested/notarized photocopy of PAN Card of the Bidder issued by Income Tax Department need to be submitted.
- (v) **NON-CONVICTION CERTIFICATE & BLCKLISTING** : Attested/notarized copy of Non-conviction Certificate issued by the Competent Authority of the concerned state certifying that the firm has not been convicted in the last three years i. e 2019-2020, 2020-2021 & 2021 -2022.  
(Bids for any items for which the Bidder has been blacklisted or debarred by any State/UT Government /Central Government / its Drug Procurement Agencies due to quality failure or fraudulent/illegal practices of the drugs supplied will not be considered.)
- (vi) **ROAD PERMITS/WAY BILLS:** Tender Inviting Authority will not take any responsibility for supplying Road Permits/Way bills. It will be the responsibility of supplier to arrange for Road Permits for dispatch of consignments to Assam.
- (vii) **FIRM DELIVERY SCHEDULE & SUPPLY CONDITIONS & PENALTIES:** Supply of materials shall commence within 7 days from the date of order and Final work shall be completed within 21 days from the date of issuing the order.  
In case there is delay in Final work beyond the stipulated period as mentioned in the Tender, there shall be penal deduction @ 0.5 % per day of the agreed value or part thereof subject to a maximum of 10 % of the total order value.  
Non- performance of the contract provisions shall make the successful bidder liable to be disqualified to participate in any tender for the next 3 years, in addition to forfeiture of Security Deposit.
- (viii) **Tender Cost:** A Demand draft of Rs. 2500/- (Rupees: Two Thousand Five Hundred only) towards non-refundable tender fee, drawn in favor of "The Director, IGIMS, Patna" payable at Patna (Bihar) should accompany the Technical bid documents. In the absence of tender cost, the tender will not be accepted.
- (ix) **Earnest Money Deposit (EMD):** A refundable amount of Rs. 25000/- (Rs. Twenty Five Thousand only) as earnest money deposit (EMD) in the shape of DD from a scheduled bank in India (valid for a minimum period of 3 months from the date of submission of tender) should accompany the bid documents. The DD drawn in favor of "The Director, IGIMS, Patna" payable at Patna (Bihar) should accompany the bid documents. The EMD should be kept in a separate sealed envelope, should be marked clearly and put in the outer envelope that contains the technical and financial bid envelopes. Failure to deposit Earnest Money will lead to rejection of tender. In the event of the awardees bidder backing out, EMD of that bidder will be forfeited.
- (x) **Samples of each quoted items** are to be made available for technical evaluation attached with technical bid for evaluation.
- (xi) **PAYMENT PROVISIONS:** Final Bill will be made after receipt and acceptance of satisfactory performance of all the machines.

**The quotation should be accompanied by signed & sealed copy of Price Bid: MARKED AS COVER B: Price BID:**

The two separately sealed covers {Technical bid (Cover “A”) and Price Bid (Cover “B”)} shall be placed together inside another cover which shall be sealed and super scribed as “Tender for repairing of non-operational air-conditioners (VRFs, AHUs, Ductable, Package etc.) installed at IGIMS, Patna” and addressed to “The Director, Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna – 800014 (Bihar)” will be received up to 05/04/ 2023 on or before 3.00 P.M. to The Director, Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna – 800014 (Bihar).

**Format for Financial Bid**

(To be submitted on the letterhead of the company / firm)

SN	Description of Items	Brand/ Make	Qty.	Unit	Taxes (GST)	Unit Rate with taxes (E+F)
A	B	C	D		F	
	Supply, Installation, testing and commission including vaccumiazation and Nitrogen testing following nominal sizes of soft/hard drawn cop refrigerant piping for VRV/VRF system, comp with fittings, with suitable adjustable ring t hanger supports, jointing/brazing includ accessories, insulated with XPLE Class-O tubu insulation/with Class-O closed cell elastome nitride rubber tubular sleeves sections of specif thickness as given below for Suction and Liq lines, all all accessories as per specifications etc. required :					
a	38.1 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	Raico, Mandev or equivalent	39.00	Meter		
b	28.58 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	Raico, Mandev or equivalent	72.00	Meter		
c	22.2 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	Raico, Mandev or equivalent	123.00	Meter		
d	19.05 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	Raico Mandev or equivalent	39.00	Meter		
e	15.86 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	Raico Mandev or equivalent	72.00	Meter		
f	12.7 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm with 19 mm thick insulation	Raico Mandev or equivalent	123.00	Meter		
2	Supply, installation, testing & commissioning of control cum transmission wiring of 2 core x 1.5 Sq.mm copper in suitable PVC conduits for interconnection between IDUs & ODUs.	Polycab, Havells, equivalent	130.00	Meter		
3	Supply and fixing of Compressor 8.5TR suitable for Package air conditioner	As Per OEM	1.00	Each		
4	Supply and fixing of Compressor 5.5TR suitable for Package air conditioner	As Per OEM	4.00	Each		
5	Supply and fixing of Outdoor Unit Motor	As Per OEM	2.00	Each		
6	Supply and fixing of Outdoor Unit Fan Blade	As Per OEM	2.00	Each		
7	Supply and charging of Refrigerant-R410	Flouron, Godrej or equivalent	205.00	KG		
8	Supply and charging of Refrigerant-R22	Flouron, Godrej or equivalent	120.00	KG		
9	Supply of pair of Indoor & Outdoor refnet joints Y-Type	As per OEM	9.00	Each		
10	1/8 Expansion valve	As per OEM	4.00	Each		
11	Electronic Expansion valve	As per OEM	2.00	Each		
12	15.9mm dryer filter	As per OEM	4.00	Each		

Quoted rate by the agency must include all complete works including supply and installation of spare parts, freight

taxes, contractor profit etc. all inclusive. Quantity mentioned above may increase or decrease. The payment will be made as per actual measurement of quantity executed at site. The interested agency is advised to visit the site at IGIMS, Patna before quoting their rate, so that to understood the scope of work at site.


- The Institute reserves the right to accept in part or in full or reject any or more Tender/offer without assigning any reasons or cancel the tendering process and reject all Tender at any time prior to award of contract, without accepting any liability, whatsoever.
- L1 shall be decided on lowest total amount including taxes.
- All disputes shall be subject to Patna (Bihar) Jurisdiction only.
- For any clarification, Please contact to Er. Krishang Kumar (Assistant Engineer, Electrical), IGIMS, Patna (Mobile: 8544402057).

sd/-

Director,  
I.G.I.M.S. – Patna  
Date: /03/2023

Ref. No.:

Copy to Superintending Engineer (Bio-Medical), I.G.I.M.S. – Patna: For uploading at Institute website [www.igims.org](http://www.igims.org).

  
Director,  
I.G.I.M.S. – Patna