



INDIAN INSTITUTE OF TECHNOLOGY JODHPUR

Karwar, NH-62, Nagaur Road, Jodhpur-342030

NOTICE INVITING QUOTATION

1.	Name of work	:	Supply, Installation, Testing & Commissioning of AC units at BSBE & Physics Dept., IIT Jodhpur
2.	NIQ No.	:	IITJ/OIE/2026-27/13
3.	Estimate Cost [Rs.]	:	6,27,182/-
4.	EMD [Rs.]	:	12,544/-
5.	Tender Fee [Rs.]	:	500/-
6.	Period of Completion	:	2 Months
7.	Last date of submission	:	28/08/2026.

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Certified that this NIQ contains 01 to 12 pages

Superintending Engineer

Quotation documents issue to	:	
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NOTICE INVITING QUOTATION

Superintending Engineer, Indian Institute of Technology Jodhpur, NH-62, Nagaur Road, Karwar, Jodhpur - 342030, invites online **Percentage rate QUOTATION** on two bid system through CPP portal from firms/contactors for the following works: -

S. No.	NIQ no.	Name of work	Estimated cost put to NIQ	EMD (in Rs.)	Tender fee (in Rs.)	Period of completion	Issue of NIQ	Time and date of submission of NIQ	Time and date of opening of NIQ
1	2	3	4	5	6	7	8	9	10
1.	IITJ/OIE/2026-27/13	Supply, Installation, Testing & Commissioning of AC units at BSBE & Physics Dept., IIT Jodhpur	6,27,182/-	12,544/-	500/-	2 Months	07/08/2026	Upto 03:00PM 28/08/2026	03:00PM 29/08/2026

The quotation document can be downloaded from CPP portal. The following documents are required mandatory to be scanned and uploaded on CPP portal for "Technical Evaluation":

1. Attested copy of valid PAN and GSTIN registration.
2. Proof of online deposit of tender fee and EMD.
3. Work completion certificate as specified in terms and conditions clause 4.
4. Form-F duly filled with relevant details.
5. Self-certificated copy by the bidder that the bidder has not been blacklisted in any Govt. organization/CFTI/Autonomous body.
6. Affidavit (on Rs. 10 non-judicial stamp with notarized) regarding establishment of proprietorship firm/ partnership deed/ letter of incorporation for private ltd/ ltd firm with written power of attorney (in case of bidder is owner, not required) of the authorized signatory.

The Financial Bid must be uploaded in .xlsx format. Price/Financial bids of only qualified bidders in "Technical Evaluation" shall be opened at a later date.

Superintending Engineer

Copy to: [1]. DOIP.

[4]. JE(E-III).

[2]. ADAO.

[5]. Notice Board.

[3]. AEE(E-I).



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SCHEDULE OF MATERIAL TO BE ISSUED

Schedule showing approx. Quantity of materials to be supplied by the Institute under clause 12 of the CPWD conditions of contract for work contracted to be executed and the rates at which they are to be charged for:

Particulars	Rate at which the material will be Charged to the Contract	Place of Delivery
-----NIL-----		

Note: -

The Person of firm submitting the quotation/tender should be seeing that rates in the above schedule are filled up by the Engineer-in-Charge on the form prior to the submission of the tender

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Signature of the contractor with seal.



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TERMS AND CONDITIONS

1. No T&P would be supplied by the institute and contractor will have to make own arrangement.
2. The contractors are advised to get acquainted with the proposed work including specifications & its additional conditions carefully before quoting. No claim of any sort shall be entertained on account of any site conditions, ignorance of specification & additional conditions. The work shall be carried out as per the availability of site.
3. The work shall be carried out as per CPWD specifications for electrical work Part-I Internal 2023 with up-to date correction slips unless otherwise specified in the nomenclature of individual item or in the specification, additional conditions where specifications are silent, the decision of Engineer -in- Charge shall be final and binding on contractor in terms of latest form 7/8 of IITJ/CPWD.
4. Firms / Contractors must have completed satisfactorily one similar work of value not less than Rs. 5,01,746/- or two similar works each of value not less than Rs. 3,76,310/- or three similar works each of value not less than Rs. 2,50,873/- during the last 7 years ending on last date of submission.
 - **Similar work means pertaining to HVAC work.**
 - **Completion certificate should be issued from Executive Engineer or higher level any of the Government organization/ CFTI/ Autonomous bodies only.**
5. General condition of work shall be followed as GGC-2023 for works with amended correction slips up-to last date of submission of bid.
6. The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e Royalty, Cartage, GST & Stacking of material required at place etc.
7. The rates for different items of work shall apply for all Heights & Depths, Leads & Lifts unless otherwise specified in the agreement or specifications applicable in the agreement.
8. Scaffolding, jhula, ladders etc. to carryout the work at all heights shall be arranged by the contractor at his own cost.
9. Any damage done by the contractor to any existing item / any part of the building during the course of execution of work shall be made good by contractor at his own cost.
10. Articles manufactured by the reputed firms and approved by Engineer-in -Charge shall only be used. Only articles classified as "First quality" by the manufacturer shall be used unless otherwise specified.
11. The sample of material required in the work brought at site shall be got approved from Engineer-in- Charge before use in execution of work.
12. The sample of material required for testing shall be provided free of cost by the contractor. Testing charges, if any shall be borne by the Institute. All other expenditure to be incurred for taking sample, conveyance, packing etc. shall be borne by the contractor.
13. The Engineer-in-Charge can modify the programme and the contractors have to work accordingly. In case work does not start within 7 days the same is liable to be rescinded as per latest form 7/8 IITJ/CPWD and in case of delay liquidated damages to be imposed on contractors as per latest form 7/8 of IITJ/CPWD. Extension of time in work shall be dealt as per latest form 7/8 of IITJ/CPWD.
14. Some restrictions may be imposed by the security staff of IIT Jodhpur campus etc. on working and on movement of labour. The contractor shall make his own arrangement for labour huts outside the campus. However, constructions of cement go down and Chowkidar's hut in the Campus shall be permitted. The contractor shall be bound to follow all such restrictions/ instructions and nothing shall be payable on this account.



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15. The contractor shall be fully responsible for the safe custody of the material issued or brought at site by him for doing work.
16. The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipment's left out of his work & dress the site around the building to the complete satisfaction of the Engineer-in-Charge before the work is treated as completed.
17. Telegraphic, Postal & Conditional Quotation are liable to be summarily rejected.
18. Authority of IIT Jodhpur reserves the right to reject any or all the quotations without assigning any reason.
19. In case of any dispute arise during the progress of the work, decision of Director, IIT Jodhpur shall be final and binding to the contractor for the completion of work.
20. The contractor must visit the site of work /buildings before quoting the rates.
21. Site shall be made available as and when required by Department.
22. Site shall be available in parts or phases as per directions of Engineer-in-Charge.
23. Security Deposit @2.5% of the gross bill value shall be deducted from the bill and it will be released/refunded after satisfactory completion of defect liability period of 01 Year.
24. Labour Cess @1% or as per applicable shall be deducted from the bills of contractor.
25. Other deduction such as Income Tax (IT), GST TDS shall be deducted as per applicable law from the bill of contractor.
26. Time period for the execution of the work will be 2 months from the time of issue of the work order.
27. Earnest money and Tender fee in the form of Demand Draft or pay order or Banker's Cheque or Deposit at Call Receipt (drawn in favour of Director IIT Jodhpur,) as specified of any scheduled / Nationalized Bank or online and shall be submitted along with the tender / quotation documents.
28. For online payment through RTGS/NEFT IIT Jodhpur Bank details are as under:

Name of The Bank A/c:	:	Director, IIT Jodhpur
Canara Bank Account No.	:	3399101000631
Name of Bank	:	Canara Bank, IIT Jodhpur
IFSC Code	:	CNRB0003399
MICR Code	:	342015501
29. Liquidity Damage: - If the contractor fails to complete the work within 2 months after Work order or before the stipulated date, then a penalty at the rate of 0.5 % per week of the total Work Order value shall be levied subject to maximum of 10% of the total work order value.
30. The contractor shall comply with all applicable safety regulations and ensure the safety of personnel, equipment, and the public. The contractor shall provide necessary protective equipment, training, and supervision. In the event of any accident, injury, or damage arising out of or in connection with the execution of the work, the Contractor shall bear full responsibility including immediate medical assistance to injured persons, Reporting the incident to the appropriate authorities as required by law, bearing all costs related to treatment, compensation, insurance claims, and legal liabilities, Repairing or replacing any damaged property at their own cost.
31. If contractor deny to execute the work after issuing the work order, then EMD/PBG will be forfeited and disciplinary action will be initiated against contractor.

JE (Electrical-III)

AEE (Electrical-I)

Superintending Engineer



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FORM-F

STRUCTURE & ORGANISATION

1. Name & Address of the bidder:
2. Telephone no./ Phone no./ Fax no.:
3. E-mail:
4. Contact Person No.:
5. GST No.:
6. PAN No.:
7. Tender Fee (UTR No.):
(In case of on-line payment of Tender Fee)
8. EMD (UTR No.)
(In case of on-line payment of Tender Fee):
9. Legal status of the bidder (attach copies of original document defining the legal status):
 - a. An Individual
 - b. A proprietary firm
 - c. A firm in partnership
 - d. A limited company or corporation
5. Designation of individuals authorized to act for the organization.....
6. Has the bidder or any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion? If so, give name of the project and reasons for abandonment.....
7. Has the bidder or any constituent partner in case of partnership firm, ever been debarred/ blacklisted for tendering in any organization at any time? If so, give details.....
8. Has the bidder, or any constituent partner in case of partnership firm, ever been convicted by the court of law? If so, give details.....

Signature of Bidder/Tenderer



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LIST OF APPROVED MAKES

S. No.	Material	Approved makes
1	MCCBS	SIEMENS, L&T, SCHNEIDER, LEGRAND, HAVELLS, ABB, HAGER
2	DC-MCB, MCB, ELCB, RCCB, DB and RCBO. Distribution board shall be of the same make of MCB, ELCB, RCCB, DB and RCBO, GI Box	SIEMENS(BETA GUARD), L&T(AU), SCHNEIDER(ACTI 9), LEGRAND(DX 3), ABB(ELEGANCE), HAGER
3	LT cables, 1.1 KV grade	KEI, HAVELLS, POLYCAB, RR KABEL,
4	FRLS copper wires and cables, 1.1 KV grade	KEI, HAVELLS, POLYCAB, RR KABEL,
5	Switch Socket accessories and GI Box.	LEGRAND(MYRIUS), SCHNEIDER(ZENCELO), MK(ELEMENTS), HAGER(INSYSTA), CRABTREE(MURANO), ABB(HERION)
6	Cable Lugs & Thimbles	DOWELL, ASIAN, ACTION
7	PVC Conduits and Accessories (ISI Marked, Heavy duty)	BEC, PRECISION, POLY-PACK, AKG, POLYCAB
8	MS Conduit and Pipes	BEC, AKG, M-KAY, STEEL CRAFT, RMCON
9	MS Conduit Accessories (Heavy duty)	BEC, AKG, M-KAY, STEEL CRAFT, RMCON
10	Timers & Contactors to be mounted in DB's	L&T, SIEMENS, SCHNEIDER, HAGER, LEGRAND
11	AC Timer	Carrier, Siemens, Amicisart
12	Metal Enclosure Box 02/04 Pole.	C&S, Havells, Legrand, ABB, Siemens, Sintex, Hager.
13	Polycarbonate Junction Boxes	HENSEL, CLIPSAL, MENEKES
14	Split/Ductable AC	Daikin/Voltas/Mitsubishi/Carrier/Bluestar /LG/Hitachi
15	Copper pipe	Totaline, Godrej, Met tube
16	Insulation	Totaline, Aerolam, Armacell
17	CPVC Pipe	Supreme, Finolex, Plasto
18	Diffuser	Airflow, Airmaster, Exilon



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SCHEDULE OF WORK

Name of work : Supply, Installation, Testing & Commissioning of AC units at BSBE & Physics Dept., IIT Jodhpur

Item No.	Description of items	Qty	Rate	Unit	Amount
BSBE Dept.					
1	Supplying , Installation, Testing and Commissioning of Air Cooled Hi Wall split type Air conditioners complete with Indoor unit(IDU), Outdoor unit (ODU), surface / concealed copper Refrigerant piping with insulation (closed cell elastomeric nitrile rubber tubular pipe section) upto 3 Mtr (IDU to ODU), copper power cable upto 3.5 Mtr (IDU to ODU) i/c drain pipe R-32/R-410/ R-407 Green Refrigerant, wireless Remote control, suitable for working between 180 260V with low & high voltage cutoff and 50 hz ,1 phase AC supply capable of performing cooling, dehumidification, air circulation of following capacity with Scroll / rotary compressor. The system shall be able to deliver 100% of the rated capacity upto 42 0C. Min 5 year Original Equipment Manufacturer (OEM) warranty both compressor and Printed Circuit Board (PCB). Must comply : Electrical cable IS 694 or IS 9968 temperature sensing control IS /International Electro technical Commission (IEC) 60730, hermetic compressor IS 10617, heat exchanger IS 11329, capacitor IS 2993 and motor IS 12615. Complete as per CPWD specification and IS : 1391 Part II 2023. The system shall be able to operate up to 50 0C (out door ambient temperature). Inverter Type - Cooling only				
1.1	1.5 TR with 5 Star BEE Rating	2	43,539.00	Each	87,078.00
2	Supplying, Installation, testing and commissioning including vaccumiazation and Nitrogen testing of following nominal sizes of soft/hard drawn copper refrigerant piping for VRV/VRF system, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories, insulated with XPLE Class-O tubular insulation/with Class-O closed cell elastomeric nitrile rubber tubular sleeves sections of 19 mm thick insulation as given below for Suction and Liquid lines, all accessories as per specifications etc. as required :				
2.1	6.4 mm dia (OD)(Soft drawn) with tube thickness 1.2 mm	30	256.00	Meter	7,680.00
2.2	15.86 mm dia (OD)(Soft drawn) with tube thickness 1.2 mm	30	615.00	Meter	18,450.00
3	Supplying, Installation, Testing & Commissioning of Microcontroller Based Programmable AC Timer for Auto Switching of 2 ACS at 4 Hours or 8 Hours Interval for operate AC in time interval with uner/over voltage protection including of electrical connection etc. complete in all respect	1	2,887.00	Each	2,887.00
4	Wiring for circuit/submain wiring along with earth wire with the following sizes of FRLS PVC insulated cooper conductor, single core cable in surface/recessed medium class PVC conduit as required.				
4.1	2x2.5sqmm+1x2.5sqmm earth wire.	8	311.00	Metre	2,488.00
5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
5.1	15/16 A switch	2	176.00	Each	352.00
5.2	6 pin 15/16 A socket outlet	2	219.00	Each	438.00



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6	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required				
6.1	03 module (100mmx75mm).	2	384.00	Each	768.00
7	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required.				
7.1	25 mm	15	168.00	Metre	2,520.00
8	Supplying and drawing following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required				
8.1	4C x 2.5 sq. mm	80	189.00	Metre	15,120.00
9	Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes, having thermal stability for hot and cold water supply and all CPVC plain and brass threaded fittings including fixing the pipe with clamps at 1.0 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of engineer in charge Internal work - exposed on wall				
9.1	25 mm nominal dia pipes	10	401.55	Metre	4,015.50
Physics Dept.					
10	Supplying, Installation, Testing and Commissioning of air cooled ducted split type air conditioning machine with each having a capacity and details as mentioned below suitable for operation on R 32/R-410A /R-407 Green refrigerant comprising of Scroll type compressor hermetically sealed complete with automatic capacity, safety switches, lubrication system with min 5 year (OEM) warranty for both compressor and Printed Circuit Board (PCB) , Suitable capacity squirrel cage induction motor having class 'B' insulation suitable for operation on 415 + 10% volts, 50 Hz, A.C. supply for Blower motor, Necessary drive arrangement for blower motor, Matching Air cooled condenser with necessary fittings for refrigerant piping connections, necessary structural support for mounting condensers, Microprocessor based control panel complete with accessories, machine Isolation / disconnect switch, valves and accessories to inter connect compressor and condenser including pressure testing, vacuum. Necessary starters suitable for Indoor & outdoor unit complete with O/L ,U/V, phase reversal protection, single phase preventors i/c copper conductor control and power cable and drain pipe of suitable size and length etc complete as required. The total cooling capacity/heating capacity of tested unit shall have a capacity as per relevant IS code. The lab testing reports as per IS: 8148 shall be submitted from National Accreditation Board for Testing and Calibration Laboratories (NABL) accredited as per ISO/International Electro technical Commission (IEC) 17025 standards / Central Power Research Institute (CPRI)/Electrical Research and Development Association (ERDA)with Original Equipment Manufacturer (OEM) etc. complete as per CPWD specification as required. Non Inverter				
10.1	8.5 TR (3.2 EER)	2	1,64,444.00	Each	3,28,888.00



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11	Supplying, Installation, testing and commissioning including vaccumiazation and Nitrogen testing of following nominal sizes of soft/hard drawn copper refrigerant piping for VRV/VRF system, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories, insulated with XPLE Class-O tubular insulation/with Class-O closed cell elastometric nitrile rubber tubular sleeves sections of 19 mm thick insulation as given below for Suction and Liquid lines, all accessories as per specifications etc. as required :				
11.1	12.7 mm dia (OD) (Soft drawn) with tube thickness 1.2 mm	25	615.00	Meter	15,375.00
11.2	22.2 mm dia (OD) (Hard drawn) with tube thickness 1.2 mm	25	904.00	Meter	22,600.00
12	Supplying, installation, balancing and commissioning of factory fabricated GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports, bends, transitions, reducers, end caps, collars etc as required complete in all respect in confirmation to IS : 655 and approved drawings and specifications of following sheet thickness complete as required.				
12.1	Thickness 0.63 mm sheet	30	1,191.00	Sq. meter	35,730.00
13	Supplying, Fixing, installation, testing and commissioning of supply air diffusers of powder coated aluminium with aluminium volume control dampers with anti smudge ring & removable core in confirmation to SMACNA/IS and as per specifications complete etc. as required.	1.44	12,841.00	Sq. meter	18,491.04
14	Supplying and fixing of following thickness duly laminated aluminium foil of mat finish closed cell Nitrile rubber (Class "O") insulation on existing duct after applying suitable adhesive for Nitrile rubber. The joints shall be sealed with 50 mm wide and 3 mm thick self-adhesive nitrile rubber tape insulation complete as per specifications and as required.				
14.1	19mm	30	810.00	Sq. meter	24,300.00
15	Supplying and fixing following way, vertical type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator).				
15.1	4 way (4 + 12), Double door	1	4,337.00	Each	4,337.00
16	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
16.1	Triple pole and neutral	4	1,301.00	Each	5,204.00



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17	Supplying, Installation, Testing & Commissioning of Microcontroller Based Programmable AC Timer for Auto Switching of 2 ACS at 4 Hours or 8 Hours Interval for operate AC in time interval with uner/over voltage protection including of electrical connection etc. complete in all respect	1	2,887.00	Each	2,887.00
18	Supplying and drawing following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
18.1	4C x 6 sq. mm	50	431.00	Metre	21,550.00
19	Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes, having thermal stability for hot and cold water supply and all CPVC plain and brass threaded fittings including fixing the pipe with clamps at 1.0 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of engineer in charge Internal work - exposed on wall				
19.1	25 mm nominal dia pipes	15	401.55	Metre	6,023.25
				Total	₹ 6,27,181.79
				Say Total	₹ 6,27,182.00

JE (Electrical)

AEE (Electrical)

Superintending Engineer



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Format of Financial/Price Bid

Name of Work: Supply, Installation, Testing & Commissioning of AC units at BSBE & Physics Dept., IIT Jodhpur						
Contract No: IITJ/OIE/2026-27/13						
Name of the Bidder/ Bidding Firm / Company :						
PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate with taxes in Rs. P	TOTAL AMOUNT With Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Supply, Installation, Testing & Commissioning of AC units at BSBE & Physics Dept., IIT Jodhpur	1.000	Nos	6,27,182.00	6,27,182.00	INR Six Lakh Twenty-Seven Thousand One Hundred & Eighty-Two Only.
Total in Figures					6,27,182.00	INR Six Lakh Twenty-Seven Thousand One Hundred & Eighty-Two Only..
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				