



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar
अरगूल/Argul, जटनी/ Jatni, खुरधा / Khurda, ओडिशा/ Odisha- 752050
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ENGINEERING SECTION/अभियांत्रिकी अनुभाग
SHORT QUOTATION CALL NOTICE

No. IITBBS/SE/Engg.Cell/10/2023-24

Dt.17.11.2023

The Executive Engineer (Electrical), IIT BBS invites sealed percentage rate quotations from eligible vendors having experience on Similar work.

Name of Work: Installation, testing & commissioning of Old Split Air Conditioners in the CREEP Testing machine lab at CRIF Building, IIT BHUBANESWAR at ARGUL

Estimated Cost (in INR.)	Time period of Completion	Last date & time of receipt of Quotation	Date and time of Opening
66, 906.00	10 (Ten Days)	23/11/2023, 02:00 PM	23/11/2023, 03:00 PM

Intending eligible firms must enclose Pre-Qualification documents i.e. self-attested true copies of original documents such as GST registration certificate, PAN and experience (Work order copies) for similar work in a sealed envelope along with the filled in quotation documents. The quotation document should be collected either from the office of the Executive Engineer (Electrical), located at 3rd floor of Main Administrative building of the Institute at Argul or may be downloaded from the Institute website i.e. www.iitbbs.ac.in. The documents must be enclosed in a sealed envelope super scribing “**Installation, testing & commissioning of 6 nos. of Old Split Air Conditioners in the CREEP testing machine lab at CRIF Building, IIT BHUBANESWAR at ARGUL**”.

The sealed envelope will be opened in presence of the quotationers at scheduled date and time.

The department reserves the right to reject any prospective application without assigning any reason.

Executive Engineer (Elect.)
IIT Bhubaneswar

SCHEDULE OF WORK

Annexure I

SI No	Description of item	Unit	Qty	Estimated Rate in Rs.	Total Amount in Rs.
01	Installation, Testing & commissioning of 1.5 Tr Old Split AC.	Nos	6	1000.00	6,000.00
02	Supply & installation of copper pipe ½" ¼" with insulation foam & 3 core 2.5 Sq.mm Copper cable with leakage test.	Ft	120	280.00	33,600.00
03	R22 refrigerant Gas charging.	Nos.	6	1700.00	10,200.00
04	Supply & installation of drain pipe	ft	40	60.00	2,400.00
05	Supply & installation of timer for 1.5TR Split AC.	Nos.	3	1500.00	4,500.00
	Sub-Total				56,700.00
	GST@18% of Total.				10,206.90
	Total				66,906.00
	Or Say				66,906.00
Quoted Rate in figure					
Quoted Rate in Words					

Signature of the Contractor

Executive Engineer (Elect.)

Annexure-II

Scope towards Installation, testing & commissioning of 6 nos of Old Split Air Conditioners in the CREEP testing machine lab at CRIF Building, IIT BHUBANESWAR at ARGUL.

1. The scope includes identifying both indoor & outdoor Units of old ACs which are in good condition & are stored by the Institute at LCS- 5.
2. Only IDUs & ODUs will be supplied by the Institute. However, the remaining items like Copper pipes, drain pipes, cables from IDUs to ODUs & the stand for ODU fixing shall be supplied by the contractor. The dimensions of the Copper pipes & the drain pipes shall be as per the schedule.
3. The quantities mentioned in the schedule is tentative, the same may vary at site. The contractor has to inspect the site before installation starts & accordingly the copper pipe & drain pipes are to be supplied at site.
4. Jointing of Copper pipes shall be avoided. However, in extreme case as per the site condition, where the length of the copper pipe is more, jointing of the Copper pipes shall be done through Brazing. The accessories required for the Brazing shall be arranged by the contractor within the tendered cost. Proper standard shall be followed by the contractor for Brazing work.
5. During installation, if any valve/flair nuts etc. are found damaged, the same shall be replaced with a new one.
6. Pressure testing shall be carried out as per the prevailing standard following which vacuuming shall be done & the gas charging shall be done. In no case, the leakage shall be observed in the copper pipe line between the IDUs & ODUs.
7. Drain pipe line to be supplied & installed at site shall be insulated properly.
8. Refrigerant shall be supplied by the contractor as per the schedule.
9. Civil work like drilling/wall cutting etc. is under the scope of the contractor which is required for taking the pipes outside for connection with the ODUs. However, the civil work shall be taken up after taking permission from the Institute & shall be done as per the direction of the Engineer-in-charge.
10. The ODUs shall be installed over the MS stand duly painted. The location of the IDUs & ODUs will be decided by the Engineer-in-charge or his representative.
11. After completion of the erection work, the ACs are to be tested & the temperature of the room has to be recoded. In case the cooling will not be effective after the installation due to defects in the old IDUs & ODUs, the defective part shall be replaced by the contractor from the existing spare ACs lying with the Institute.
12. During gas filling, care should be taken by the contractor to avoid gas leakage to the surrounding.

Executive Engineer (Elect.)

COMMERCIAL & OTHER TERMS AND CONDITIONS:

1. **Scope of work:** Details enclosed as **Annexure-I, Annexure-II.**
2. **Consumables/Small items:**

The rates shall be all inclusive of establishment as well consumables/small items required for the work. The contractor is required to assess the probable quantity of all types of consumables & other small items likely to be required for execution of the work. Nothing extra on account of consumables shall be payable over and above the contract value. The items shall have to be approved by Engineer in-charge of IIT BBS before use.
3. **Submission of quotation -** All quotations must be submitted in the office of Executive Engineer (Elect.), IIT Bhubaneswar and addressed to The Executive Engineer (Elect.), Indian Institute of Technology Bhubaneswar, 3rd Floor, Admin. Building At/Po – Argul, Khurda – 752050, Odisha or by email on or before 23/11/2023, 2.00 PM
4. **Taxes and Duties:** GST will be reimbursed on issue of tax invoice & proof of payment to Govt. of India. GST element is to be disclosed separately in the invoice.

However, Taxes & labour cess as applicable will be deducted from the Bill.
5. The contractor shall be deemed to have satisfied himself before submitting the offer as to the correctness and sufficiency of his offer for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall, except as otherwise provided, cover all his obligations and all matters and things necessary for the proper completion of the works.
6. **Specification:** The execution of work should be done at site as per the specifications and material approved by the Engineer-in-Charge.
7. **Inspection & Tests:**

The Institute or its representatives shall have the right to inspect and test the items for their conformity to the specifications/standards. The performance of the ACs will be tested in presence of the Engineer In-charge or his representative after completion of work.

The materials on receipt in the Institute’s premises shall be checked in presence of the Institute representative and if any material or part thereof is found defective, the same shall be replaced by the Contractor.
8. **Time for completion:**

Entire work shall be completed within 10 days (Ten) from the date of issue of Work Order

In case the contractor fails to complete the work as per the above completion schedule, LD clause will be applicable.
9. **Terms of Payment:**

No advance payment will be made to the contractor. Payment will be released within 30 days from date of receiving of the bill subject to successful completion of the work after deducting the Security deposit.

The payment will be made as per actual site measurement.
10. **Paying Officer:** The Registrar, IIT Bhubaneswar.
11. **Warranty:** The materials, works covered under the contract shall be warranted for a period of 6 months from the date of final testing, commissioning against any defect in the supplied items & the workmanship. During this period, the contractor has to replace/repair the defective material free of cost. The contractor will not be liable for the defects pertaining to the IDUs & ODU which are the property of IITBBS & are not supplied by the contractor.
12. **Liquidated Damage:** Liquidated damage @ 0.5% of the tendered value of the work lagging behind per week of delay in completion of the work shall be levied subject to maximum 10% of Contract value.

13. **Place of Work:** The entire work is to be taken up at IIT Bhubaneswar campus at Argul, Jatani.
14. **Site Inspection by the Bidders:** The quotationers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of site, the means of access to the site and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining at his own cost all materials, tools and plants, water & electricity access, facilities for the workers and all other services required for executing the work. The water and Electricity point will only be shown to the contractor from where necessary tapping can be made by the contractor at the time of work execution.
15. **Safety:** All safety measures are to be followed by the successful bidder while execution of the contract & safety standard shall be followed as per IE(Indian Electricity) rule, while working near charged Electrical panel/on Electrical system. The Institute does not hold responsibility for any untoward situation arising out due to violation of safety rules. Work permit shall be obtained from IIT BBS before taking up the work.
16. IITBBS will not be responsible or liable in case of any accidental injury to the personnel of the contractor at work site or to the general public at work site due to mishandling/improper work execution by the personnel of the contractor. Workmen compensation, PF, ESI of the employees shall be taken care by the contractor. IITBBS will not be responsible for the same.
17. After completion of work, area to be thoroughly cleaned by the contractor and the wastes are to be taken out through proper waste management.
18. It will be the sole responsibility of the contractor to abide by the provisions of the following acts as to the workers engaged by him for performance of this contract:
- Employment of Children Act
 - Workmen Compensation Act
 - Employment of Labour / Contract Labour Act
 - Industrial Employment Act
 - Contract Labour Abolition and Regulation Act 1970
 - Minimum Wages Act
 - Employee Provident Fund Act.
 - Any other act or legislation which may govern the nature of the contract.
19. **Engineer & Workmanship:** The Engineer/Supervisor/Technician/Helper to be deployed at site must have experience in execution of similar work. They must have expertise in installation of split ACs. If the Institute feels to replace any of the person to be replaced because of any reason, the same must be done by the contractor on intimation from IIT BBS.
20. The successful bidder has to submit the detailed address (includes e-mail address) to IIT BBS for necessary official correspondence after award of the contract.
21. **Jurisdiction of the Court:** Dispute/Litigation if any, arising out of this contract, shall be deemed to have been entered into at Bhubaneswar under jurisdiction of Odisha High Court, Cuttack.

SIGNATURE OF CONTRACTOR
(With Seal)

Executive Engineer (Elect.)
IIT Bhubaneswar