

October 31, 2022

NOTICE INVITING TENDER

(NIT No.: IIMI/Project/13/2022/135 File No.480)

Subject: "Replacement of the Old Split type Air Conditioning System & Lighting fixtures and other associated Electrical works in Ground Floor, SRC Building at IIM Indore"

Dear Sir,

Enclosed please find a schedule of items for which your competitive rate is invited. The lowest bidder is required to execute the work at site under "works contract" mode.

संलग्न कृपया उन वस्तुओं का शेड्यूल ढूँढें, जिनके लिए आपकी प्रतिस्पर्धी दर आमंत्रित की गई है। कार्य अनुबंध मोड के तहत साइट पर कार्य को निष्पादित करने के लिए सबसे कम बोली लगाने वाले की आवश्यकता है।

1. NIT Details About Institute: -

1	NIT No.	NIT No.: IIMI/Project/13/2022/135 File No.480
2	Name of Work	"Replacement of the Old Split type Air Conditioning System & Lighting fixtures and other associated Electrical works in Ground Floor, SRC Building at IIM Indore"
3	Estimated Cost	Rs. 5,85,961/- (Rupees Five Lakhs Eighty Five Thousand Nine Hundred & Sixty One Only) including GST.
4	अग्रिम जमा राशि Earnest Money Deposit (Rs.)	Rs 11,719/- (Rupees Eleven Thousand Seven Hundred & Nineteen Only) इलेक्ट्रॉनिक मोड के माध्यम से ई-भुगतान द्वारा by e-payment through electronic mode (No exemption shall be given to MSME bidders as this is a works contract where exemption not allowed for MSME) Name of beneficiary: Indian Institute of Management Indore Account No.: 53018623445 Name of the Bank: State Bank of India IFSC Code: SBIN0030525
5	समापन की अवधि Completion period	45 days
6	प्रकाशित करने का दिनांक Date of Publishing	October 31, 2022
7	Pre-Bid Meeting	No pre-bid meeting required. Instead of pre-bid meeting, interested bidder are advised to visit the Institute to understand the scope before participating in tender.
8	निविदा के जमा करने की अंतिम तिथि और समय Last date & time of receipt of tender	November 10, 2022, Up to 02:30 PM in a Sealed cover only addressed to the "Chief Engineer, IIM Indore" The bid has to be dropped in the Tender Box kept at the "Gate - 1, IIM

		Indore, Rau Pithampur Road Indore - 453556 M.P" on or before the due date & time positively.
9	तकनीकी बोली के खोलने की तिथि और समय Date & Time of opening of technical bid	03:00 PM on November 10, 2022, in the Project Department.
10	वित्तीय बोली के खोलने की तिथि और समय Date & Time of opening of financial bid	To be communicated to all technically qualified bidder by email.
11	प्रतिभूति जमा Security Deposit	2.5% gross amount of final bill
12	परफॉर्मन्स गारंटी Performance Guarantee	बोली की स्वीकृति पर निविदा मूल्य का 3 (three)% 3% of tendered value on acceptance of bid. (The contractor whose bid is accepted will be required to furnish performance guarantee of 3 % (Three Percent) of the bid amount within Seven days of issue of LOI. The amount of PG will be transfer through NEFT or RTGS on account of IIMI, details are: - Name of beneficiary: Indian Institute of Management Indore. Address: Rau-Pithampur Road, Indore -453556, M.P. Account No.: 53018623445 Name of the Bank: State Bank of India Address of the bank: IIM Indore Campus IFSC Code: SBIN0030525

All statutory recoveries applicable to works contract will be deducted from the bill.

1. GCC Construction Works 2020 as per CPWD shall be followed.
2. Deviated quantity of BOQ item more than 50 % or any item which is not available in the BOQ shall be paid as per DSR 2022 rates. If it is not available in BOQ & DSR 2022 then extra item shall be worked out by market rate analysis. The decision of Engineer-in-charge will be conclusive and final binding on the contractor.
3. Legal responsibility shall be borne by the contractor to keep the employees/workers who might be affected from harm or any injury at site.

2. Eligibility Criteria:

Criteria of eligibility for submission of bid documents:

Cover-I: Techno-Commercial Bid

(a) Performance / Work Experience

One similar completed work, costing not less than the amount equal to 4,68,769/-

Or

Two similar completed works, costing not less than the amount equal to 3,51,577/-

Or

Three similar completed works costing not less than the amount equal to 2,34,384/-,

Similar work shall mean: Supply, Installation, testing & commissioning of Split type Air conditioning system.

(b) Certificates: (copy of certificates to be submitted)

- i. PAN (Permanent Account Number)
- ii. GST (Goods & Service Tax) Registration Certificate
- iii. Certificate of registration of firm/company
- iv. Bank Account Detail.
- v. Proof of deposit of EMD.

Past performance in IIM Indore: Bidder, whose past performance in jobs carried out in IIMI, is found to be unsatisfactory, will be disqualified technically even though they may meet the other technical/eligibility criteria.

2.2 Cover-II: Financial Bid

- i) Financial Bid (in the format given at Annexure-A)

Both covers should be kept in one main sealed cover super scribed as "NIT No.: IIMI/Project/13/2022/135 File No. 480 "Replacement of the Old Split type Air Conditioning System & Lighting fixtures and other associated Electrical works in Ground Floor, SRC Building at IIM Indore".

The bid has to be dropped in the Tender Box kept at the "Gate - 1, IIM Indore, Rau Pithampur Road Indore - 453-556 (M.P.)" on or before the due date & time positively. The Bid shall not be accepted beyond the stipulated date and time under any circumstances whatsoever. Any delay happened in the transition is at the risk of the bidder and IIM Indore will not be responsible.

3. Payment Terms:

- a. Payment shall be made under actual measurement after completion of the project.
- b. Contractor should get registered under GST and tax as applicable as per the extant order on the subject contract shall be paid by the contractor to concerned department which will be reimbursed/paid by the Institute as per the recommendation of Finance & Accounts department of the Institute & the same will be final & binding to the contractor.
- c. Income Tax and cess as applicable shall be deducted from bill paid to the contractor.

- d. Any other taxes/cess as per government directives shall be deducted from bill paid to the contractor from time to time.
- e. The performance guarantee shall be refunded to the contractor 60 days after the completion of the work/service and recording of the completion certificate as above.
- f. Security Deposit will be released after One year from the actual date of completion of work.
- g. Payment to be made online to vendor's bank account after certification of bill by IIM. Vendor must give details of the bank account for online transaction of payment after completion of job to the satisfaction of institute representative.

4. **Scope of work:**

“Replacement of the Old Split type Air Conditioning System & Lighting fixtures and other associated Electrical works in Ground Floor, SRC Building at IIM Indore”.

5. **List of Approved Make & Specifications: -**

Sl. No.	Component	Approved Make
1	Split Type AC	Daikin, Hitachi, LG, Blue star, Mitsubishi, Toshiba
2	Copper Pipes	Rajco Metal / Mandev/Mehta Tubes (Max Flow)
3	Thermal Insulation (Nitrile Rubber) & Acoustic Insulation	Supreme/Armaflex /Accoflex/ Aerocell/Thermaflex/K-Flex
4	Power Cable, Control Cable & Wire	KEI/Finolex/RR Kabel/Havells/polycab
5	PVC pipes and accessories	Precision/Avonplast/AKG/Modi/Polycab
6	Switches/Sockets/TV Socket/USB Charger Socket etc. (Modular)	Legrand (Arteor)/Siemens/Crabtree /Honeywell/Schneider Electric/Havells/Hager
7	Fan Regulator	Legrand (Arteor)/Siemens/Crabtree/Havells/Hager
8	Cable lugs	Dowells/ Jainson / Comet
9	Lighting Fixture	Philips/Crompton/Bajaj/Wipro/Jaquar/Havells
10	LAN Socket & Jack	D-link/Legrand (Arteor)/L & T

Note: Any of the makes from the approved list, approved by the institute have to be supplied.

Technical Specifications:

Split AC:

The work in general shall be carried out as per the following specifications.

SPLIT AIR CONDITIONERS - 1.8 TR

The general specification of Inverter type Air conditioner units are as follows:



भारतीय प्रबंध संस्थान इन्दौर

प्रबंध शिखर, राऊ-पीथमपुर रोड, इन्दौर - 453 556 (म.प्र.), भारत

INDIAN INSTITUTE OF MANAGEMENT INDORE
Prabandh Shikhar, Rau-Pithampur Road, Indore - 453 556 (M.P.), India

General Features

Tonnage	-	1.8 Ton
Compressor Type	-	High EER Swing Compressor
Refrigerant Gas	-	R32
Power Supply [V/Hz/Ph]	-	230 / 50 / 1 Phase
Condenser Coil	-	Copper
Condenser Fins	-	Aluminum

PERFORMANCE

Star Rating	-	5
Air Flow Rate - Indoor [CFM]	-	593 Min
Rated ISEER [W/W]	-	5.2 Or better
Max operating Ambient Temp Range [Deg C]	-	54 ⁰ C
Wide Operating Voltage Range [V]	-	130~285

ITC of Split AC units

The detailed specification for installation shall comprise the following work: Mounting/Fitting indoor and outdoor units (with suitable stand) at the respective locations.

Laying of refrigerant copper piping with insulation and connecting both the units after drilling hole/holes in the wall, including jointing of extension pipes/ insulation/ cable if required.

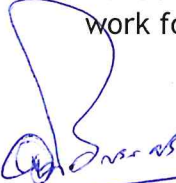
Provision of flare nuts, union, capillary etc., for connecting the copper line with indoor unit and outdoor units. Leak testing the entire system. Charging with suitable refrigerant gas in the unit. Suitable electric wiring shall be carried out between indoor and outdoor units. Testing and commissioning of AC units.

6. Completion Period:

45 days from the date of Start.

7. Compensation for delay:

0.5% per week of delay to be computed on per day basis. The total amount of compensation for delay to be paid under this Condition shall not exceed 10% of the Tendered Value of work or of the Tendered Value of the item or group of items of work for which a separate period of completion is originally given.


Chief Engineer

(Enclosed: Financial Bid)

Annexure A

Financial Bid					
Sl. No.	Item Description	Unit	Qty.	Unit Rate (Excl. GST) (in Rs.)	Amount
	Split Type Air conditioning system				
1	Supply of 1.8 TR, 5 Star, inverter based Split type Air-conditioning units each having Outdoor unit comprising of Rotary / swing compressor, air-cooled condenser coil, condenser fan and Indoor unit comprising cooling coil, centrifugal blower, filters, controls etc as required and as the approval of Engineer-in-charge.	Each	8		
2	Installation, testing & commissioning of 1.8 TR, 5 Star, inverter based Split type Air-conditioning units including Communications Cables/Interconnecting cables, MS mounted frame/MS stand for Outdoor unit & vibration isolators as required and as the approval of Engineer-in-charge.	Each	8		
3	Supply & Installation of copper refrigerant piping with proper clamping supports / hangers from ceiling / wall as required at site and duly insulated with closed cell elastomeric nitrile insulation. (for Split Acs)	Metre	25		
4	Providing and fixing of 25 mm dia rigid PVC, 6Kg/cm ² drain water piping with fittings, support and insulated with minimum 6 mm thick closed cell elastomeric nitrile rubber insulation complete as per specification. (for Split Acs)	Metre	25		
5	Supply, Installation, Testing and commissioning of Energy efficient recessed mounted LED luminaire suitable for 2x2 grid ceiling complete with driver etc as required. Make: Jaquar Model No. LULTSLS036XC or equivalent in Wipro, Philips, Crompton Greaves, Bajaj etc.				
5.1	Led luminaire 2' X 2', 36W, 4-6.5K, Model No. LULTSLS036XC or equivalent	Each	20		
6	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
6.1	5/6 A switch	Each	20		
6.2	15/16 A switch	Each	10		

Sl. No.	Item Description	Unit	Qty.	Unit Rate (Excl. GST) (in Rs.)	Amount
6.3	3 pin 5/6 A socket outlet	Each	5		
6.4	6 pin 15/16 A socket outlet	Each	5		
7	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	12		
8	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	5		
9	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
9.1	12 Module	Each	4		
10	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 A & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	Each	5		
	Total Amount in Rs. (Excl. GST)				
	Add GST@18%				
	Total Amount (Including GST)				

Name of Firm:

E-mail:

Contact No:

Signature & Seal

