



INDRAPRASTHA INSTITUTE of
INFORMATION TECHNOLOGY
DELHI

**TENDER FOR ELECTRICAL WORK AT DATA
CENTER FOR CAMPUS OF THE INSTITUTE AT
OKHLA PHASEIII, NEW DELHI110020**

(IIIT-D/IT/DC/012/2024-25)

INVITATION FOR BIDS

Indraprastha Institute of Information Technology Delhi (IIITD), a State University created by an Act of Govt. of NCT of Delhi, invites sealed bids for **Electrical Work at Data Center** (as per specifications mentioned under Scope of Work below) for its campus at Okhla Phase III New Delhi 110020.

1. An amount of Rs. 60,000/ (Sixty Thousand only) towards earnest money (EMD) must be deposited in the form of demand draft in favor of "IIIT-Delhi Collections" account, payable at New Delhi. No interest will be paid on the earnest money deposited by the bidder. Tender Document without earnest money will be summarily rejected. EMD is exempted for MSMEs/NSIC registered suppliers
2. The tender document can be downloaded from the Institute's website. Those wishing to get the copy of the document from the Institute may please deposit a nonrefundable Tender Document Fee of Rs.1, 180/ (Rupees One Thousand One Hundred Eighty only) in the form of Demand draft drawn in favor of IIIT-Delhi Collections", payable at New Delhi or may deposit Rs.1, 180/with the F&A division of the Institute and enclose the receipt with the filled up tender document. The tender fee is exempted for MSMEs/NSIC registered suppliers.
3. The last date for submission of Bid is 06th October 2025 up to 3:00 PM. The Technical Bids shall be opened on the same day, i.e., on 06th October 2025 at 3.30 PM. The Tender Document should be addressed to:

**Registrar,
Indraprastha Institute of Information Technology Delhi
Okhla Phase III
(Behind Govind Puri Metro Station)
New Delhi 110020.**

The document should be deposited in the Tender Box kept in the Store & Purchase department in Room no. A 108, First Floor, Old Academic Block of the Institute. Bids received after 3:00 PM will not be accepted or considered under any circumstances.

Bidding Procedure:

1. Bids are invited in Two Bids System, i.e. (1) Technical and (2) Financial.

Technical and Financial bids should be sealed separately and enclosed in a sealed envelope clearly indicating separately Technical Bid for "**Electrical Work at Data Center**" and Financial Bid for "**Electrical Work at Data Center**" addressed to Registrar IIIT-Delhi, Okhla Industrial Area Phase III, New Delhi 110020.

2. Sealed quotations shall be received no later than 3.00 PM on 06th October 2025. No bids will be accepted after this date & time under any circumstances. The Institute will not be responsible for any postal/courier delay and reasons beyond the Institute's control.
3. Technical bids must contain the EMD for specified amount, along with complete technical details as desired by this tender. Technical bids of all the tenderers will be opened on pre scheduled date, time & venue. Technical bids without EMD will be summarily rejected. The financial bid will be opened after evaluation of the technical bid. Financial bid of only those meeting the requirement of the Institute will be opened and no representation in this regard will be entertained. The date, time of opening of financial bid will be communicated later. The EMD is exempted for MSMEs/NSIC registered suppliers.

Prebid Meeting

1. A Pre-Bid Meeting will be held to clarify queries and provide further information regarding the tender specifications and scope of work.
2. The meeting will be conducted on **23rd September 2025 at 11:00 AM at IIIT Delhi Campus, Okhla Phase III, New Delhi.**
3. Prospective bidders are advised to send their queries in writing by email to **tenders@iiitd.ac.in** at least **three (3) days prior to the meeting.**
4. Clarifications, amendments, and any corrigenda issued pursuant to the Pre-Bid Meeting shall be uploaded on the Institute's website and will form an integral part of the tender document.
5. Participation in the Pre-Bid Meeting is **strongly recommended but not mandatory.**

Scope of Work: Additional Electrical Works in Data Centre

The primary objective is to provide a 3-phase power supply to the heavy-duty server racks, along with a backup power supply from two independent sources. The main incomers from both sources shall be connected to an energy meter compatible with RS485.

Each individual socket shall be connected through a separate MCB and linked to an industrial socket, which in turn shall also be connected to the energy meter (RS485) for accurate monitoring and metering.

BOQ

S.n	DESCRIPTIONS	UNIT	QTY	Compliance (Yes/No)	Offered Specification and make and model (As per Annexure X)
1	Designing, fabricating, supplying, erecting, testing and commissioning the following sheet steel cubicle type panels fabricated from CRCA sheet, dust and vermin proof, indoor type TPN Panels with hinged lockable doors suitable for 415V, 3 phase 4 wire 50Hz AC supply with separate cable alley and lockable busbar chamber with equally sized TPN copper/Al. bus bars (including separate neutral links for each phase in BuiltIn DBs) as mentioned duly powder coated as per approved shades with proper labelling including supplying all fixing accessories, interconnections and bonding to earth as shown in the Schematic Diagram and as per specification:				
	Incomer : busbar links to terminate the supply from tap off				
	Busbar:200A TPN Aluminium busbar with colour coded heat shrinkable insulation				
	Outgoings:				
	1 no.160A 4 pole MCCB				
	1 no Energy meter with RS485				
	Panel as above built as single unit with physically and electrically segregated sections.	Nos.	3		
2	Supply, Installation, Testing and Commissioning of PVC insulated 1.1KV grade flexible copper conductor cable with necessary accessories as required. for the following sizes of cables:				
2.1	4 x 35sq.mm copper flexible cable	Mtr	60		
2.2	50 sqmm copper flexible Earthing cable	Mtr	80		
2.3	4 core 10 sqmm copper flexible cable	Mtr	600		

3	Designing, fabricating, supplying, erecting, testing and commissioning the following sheet steel cubicle type panels fabricated from CRCA sheet, dust and vermin proof, indoor type TPN Panels with hinged lockable doors suitable for 415V, 3 phase 4 wire 50Hz AC supply with separate cable alley and lockable busbar chamber with equally sized TPN copper/Al. bus bars (including separate neutral links for each phase in BuiltIn DBs) as mentioned duly powder coated as per approved shades with proper labelling including supplying all fixing accessories, interconnections and bonding to earth including Ms Angel supporting to be made for panel to mounted on the wall/floor.				
	Incomer:				
	1no 160 A 4pole MCCB and KWH meter with RS485 port including MCB and CT with relevant size.				
	1 set of three phase indicating lamps with MCB protection.				
	Busbar: 200A TPN Copper busbar with colour coded heat shrinkable insulation				
	Outgoings:				
	10nos. 63A TPN MCB and KWH meter with RS485 port per MCB				
	1 set of three phase indicating lamps with MCB protection.				
	Panel as above built as single unit	Nos	2		
4	Supply, Installation and testing – Industrial box of 63 Amp with 63 Amp male/female industrial plug and socket along with TPN MCB with earthing, with proper C channel support”	Nos	12		
5	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray (Galvanisation thickness not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc. as required.				
5.1	Size: 300 mm x 50 mm x 1.6mm	Mtr	25		
5.2	Size: 300 mm x 62.5 mm x 2.0mm	Mtr	35		
6	Supply, Installation, Testing & Commissioning of: Vertical PDU, 63A, 3Phase, equipped with 24 x C13 sockets 24 x C19 sockets SP 63A MCB Per Phase Indicator 3meter Power Cord 63A Industrial Plug	Nos	12		
7	Warranty: - 5 years onsite with parts and labor with next business day support				

Service Level Agreement (SLA) for Electrical Works

The Vendor shall be responsible for ensuring uninterrupted availability of all electrical components and equipment covered under this Agreement. In the event of a failure, the Vendor shall provide an initial **response within two (2) hours** of issue reporting and shall take necessary corrective action to restore service. Where replacement of any failed electrical component or equipment is required, the Vendor shall ensure **Next Business Day (NBD) replacement**, with complete **resolution within twenty-four (24) hours** of issue reporting. Failure to comply with these timelines shall render the Vendor liable for applicable penalties as per contract terms.

The following information must accompany the financial Bid:

1.	Name, address, and telephone number of the firm/company	
2	Name of the contact person and contact details (mobile/telephone number etc.)	
3	Name of the Bank and full address	
4	Bank Account Number	
5	PAN & GSTIN (Attach self-certified copy)	
6	Valid self-certified copy of authorization from Bidder	
7	Copy of Partnership Deed/ Certificate of registration of the company or any other document evidencing the registration of the Bidder	
8	Number of Years of Experience	
9	Details of DD towards Tender Fee: EMD:	
10	Provide the previous POs of the same items work executed during the last three years (attested copies of the Orders to be enclosed)	
11	List of service centers, nearest location of the support centre.	
12	Turnover of the Bidder in the financial years: 2021-22 2022-23 2023-24 Please attach CA certified copy of the turnover.	

I /We hereby certify that the information furnished above is full and correct to the best of my/our knowledge.

(Signature of the Authorized Signatory)

Name:

Office Seal.

Date:

Place:

TERMS AND CONDITIONS

1. The Financial Bid should be valid for a period of not less than 60 days from the date of opening of Bid.
2. Upon placing of the Purchase Order (PO), the successful Bidder is required to submit a performance bank guarantee (PBG) equivalent to 5% of the PO value within 15 days from the date of PO, failing which the Bidder shall be notified as blacklisted. The PBG will be valid for a period of 60 days beyond the stipulated date for cessation of the contract, which is coterminous with the warranty period. No interest is payable on the PBG.
3. PBG should be in favor of “IIIT-Delhi Collections” payable at New Delhi. PBG will be realized by IIITD in case of termination of the contract for unsatisfactory performance and/or nonperformance of the contract.
4. The Product to be supplied within a period of 120 days from the date of the Purchase Order by the Institute. If the vendor fails to supply the item as quoted in the Technical & Financial bid, the EMD amount will be forfeited, and the Bidder shall be notified as blacklisted or as deemed appropriate by the Institute. In case of late delivery, the penalty will be considered as a fine of 5000/ Rs per day for the first seven days and @ Rs. 8,000/ per day from the 8th day onwards will be levied for a maximum of 15 days. Following this period, the order will be canceled, and the earnest money deposit (EMD) and performance bank guarantee (PBG) amount will be forfeited.
5. Bidders must visit the site before quoting and fully satisfy himself of the site conditions. No Compensation on account of any site difficulties will be entertained, at a later date, after award of the work.
6. The firm shall have a valid updated Electrical contractor's license
7. Experience of having successfully completed similar works (Internal/External Electrical works) during the last seven years ending on the last day of the month previous to the one in which the tenders are invited. The similar works are defined as works of electrical
8. Three similar works not less than of Rs. 12 lacs each or two similar works not less than of Rs 18 lacs each or one similar work not less than of Rs. 24 lacs each
Similar works” defined as electrical wiring, panels, cabling, data centers, IT facilities, commercial buildings, institutional campuses
9. Average Annual Turnover Electrical works should be at least Rs 30 lacs during the immediate last three consecutive financial years, i.e., FY 2021-22, FY 2022-23, and FY 2023-24, ending on 31st March 2025. The bidder must submit a CA-certified turnover statement for these years.
10. The successful bidder shall obtain prior approval of all designs and work plans from the IIITD Electrical Officer before commencement of work.
11. 100% payment will be released only on satisfactory installation/services as per the scope of work as certified by the officer in charge of the Institute and after producing the GST invoice. Bidders who do not agree to the above payment terms are requested not to submit their Bid.

12. Payment will be made only after completion of the installation and commissioning. No advance payment will be released.
13. Sealed bid can be sent either by post or by messenger. The responsibility of delivery of the bid lies entirely with the bidder
14. In the event of a dispute, Director IIIT Delhi shall be the sole arbitrator, and his decision shall be final and binding on both parties.
15. IIIT Delhi does not bind itself to accept the lowest or any other offer and reserves the right to accept or reject any or all the offers either in full or in part without assigning any reason.
16. In case the Bidder is not able to execute the work as per terms, EMD/PBG shall be forfeited.
17. Bidders should provide details of its support, escalation matrix, certification to this effect from itself. If Bidder fails to meet the SLAs, a fine of 5000/ Rs per day for the first seven days and @ Rs. 8,000/ per day from the 8th day onwards will be levied.
18. The bidder/tenderer shall submit an undertaking on its letter head, duly signed and stamped, that none of the staff, faculty members, relatives, etc. of the Indraprastha Institute of Information Technology Delhi are related directly or indirectly to any employees, Directors, or Key Managerial Personnel, etc. of the bidder/tenderer. In the event of the IIITD coming to know or pointed about the same, the bidder/tenderer undertakes to deposit a sum of Rs.1,00,000/ (Rs. One Lakh only) as a penalty with the Institute. Such bidders/tenderers shall be liable to be blacklisted and announced on the website of IIITD.
19. Supply, installation and commissioning will be at IIIT Delhi campus.
20. The selected bidder has to sign an agreement with IIITD on a stamp paper after issue of Purchase/Work order. The agreement is attached Annexure 'Y'

PROFORMA FOR FINANCIAL BID

S.n		UOM	QTY	Unit Price	Total	GST	Total Price (All Inclusive)
1	Designing, fabricating, supplying, erecting, testing and commissioning the following sheet steel cubicle type panels fabricated from CRCA sheet, dust and vermin proof, indoor type TPN Panels with hinged lockable doors suitable for 415V, 3 phase 4 wire 50Hz AC supply with separate cable alley and lockable busbar chamber with equally sized TPN copper/Al. bus bars (including separate neutral links for each phase in BuiltIn DBs) as mentioned duly powder coated as per approved shades with proper labelling including supplying all fixing accessories, interconnections and bonding to earth as shown in the Schematic Diagram and as per specification:						
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	Busbar:200A TPN Aluminium busbar with colour coded heat shrinkable insulation						
	Outgoings:						
	1 no.160A 4 pole MCCB						
	1 no Energy meter with RS485						
	Panel as above built as single unit with physically and electrically segregated sections.	Nos.	3				
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	Incomer:						
	1no 160 A 4pole MCCB and KWH meter with RS485 port including MCB and CT with relevant size.						
	1 set of three phase indicating lamps with MCB protection.						

	Busbar: 200A TPN Copper busbar with colour coded heat shrinkable insulation						
	Outgoings:						
	1onos. 63A TPN MCB and KWH meter with RS485 port per MCB						
	1 set of three phase indicating lamps with MCB protection.						
	Panel as above built as single unit	Nos	2				
4	Supply, Installation and testing – Industrial box of 63 Amp with 63 Amp male/female industrial plug and socket along with TPN MCB with earthing, with proper C channel support”	Nos	12				
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6	Supply, Installation, Testing & Commissioning of: Vertical PDU, 63A, 3Phase, equipped with 24 x C13 sockets 24 x C19 sockets SP 63A MCB Per Phase Indicator 3meter Power Cord 63A Industrial Plug	Nos	12				
7	Warranty: - 5 years onsite with parts and labor with next business day support	set	1				
	Total	-	-				

Please note the price should be quoted for each of the items and should be inclusive of all taxes/charges and installation at IIIT Delhi.

The discount, if any, should be mentioned herein and nowhere else.

Total Cost (all inclusive) of quantity mentioned above (in words) at IIIT Delhi campus:

We accept that the rate quoted above shall remain valid for a period of 60 days from the last date of the tender document, i.e., 60 days from 06th October 2025. It is certified that the rates quoted above are not more than the rates charged from any Central / State Govt. Deptt. / Institution / GeM.

(Signature and Seal of the Bidder)

LIST OF APPROVED MAKES FOR ELECTRICAL WORKS

Any equivalent makes not listed below may also be considered, subject to prior approval of IIITD Electrical Officer and full compliance with technical specifications.

Item Description	Approved Makes
Main / Sub Distribution Boards	Advance Panels & Switchgears (P) Ltd. Electrical Panels etc. Conquerent Control System Pvt. Ltd. Ambit Switchgears Pvt. Ltd. Milestone Engineering
Moulded Case Circuit Breaker & Air Circuit	L & T Breakers Siemens Schneider Electric ABB
Distribution Boards with Miniature Circuit Breakers, RCCB / ELCB, Isolator	Schneider Electric (Multi 9) Legrand L&T Havells Siemens
Voltmeter, Ammeter, Selector Switches, Meter Indicating Lamps, Multifunction Meter	Rishline (L & T) AE AMTL Kappa Schneider Electric (Conzerv) HPL
Protective Relays	L & T Alstom Conzerv
Current Transformer	AE Kappa New Tek Electricals Trinity
Power Cable 1.1 KV Grade XLPE Insulated	Finolex AL Conductor Armored Cables (FR Type). Polycab Havells
Modular Type Light & Power Accessories (Switches, Socket, TV coaxial point etc.)	Schneider (Vivance) Northwest (Stylus) MK India (Wraparound) Legrand (Myrius)
PVC /M.S Conduit (ISI Marked)	BEC Precision AKG
M.S. Conduit Accessories	Rama Sharma Sales Corporation or Equivalent
Cable Glands & Cable Lugs	Commet Dowells Multi Lapp Kabel Gripwell
Cable Tray (MS)	Pilco BEC MEM Slotco
Energy Meter	Schneider Enersol ElMeasure L&T (with Class 1.0 accuracy)
Vertical PDU	Schneider Vertiv Netrack

(Hereinafter called the contractor, which expression shall include its proprietor, partners, heirs, executors, administrators, legal representatives, successors and assignees) WITH REGISTERED ADDRESS.....of the one part

The REGISTRAR Indraprastha Institute of Information Technology Delhi, Okhla Industrial Area Phase III, New Delhi 110020 (hereinafter called the IIITD, which expression shall include its successors and assignees) of the other part.

, which shall be deemed to be a part of this agreement; FOR THE SCOPE OF
WORK/SUPPLY

Whereas the IIITD has accepted the Bid submitted by the contractor, on the terms and conditions mentioned in the IIITD's said Bid Document and conveyed its acceptance to the contractor; vide its letter No.

Whereas the contractor is agreeable to the terms and conditions mentioned in the IIITD's said Bid document;

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Whereas the contractor declares that he/she/it shall own all responsibility for any act of omission or commission, as regards the compliance with the relevant laws;

AND WHEREAS the IIITD is agreeable to make necessary payment to the Contractor, at the rates mentioned in the Annexure annexed hereto and as per the terms and conditions mentioned in the IIITD's said Bid Document;

In WITNESS whereof Shri (name), (designation), the authorized representative of the contractor, for and on behalf of the contractor, has hereunto set his hand and for and on behalf of the IIITD has hereunto set his hand.

(Signature of the authorized representative of the Contractor)

Name and designation of the contractor's representative

In the presence of

1

2

(Signature of witnesses with full name and full address)

Registrar

for and on behalf of the IIITD

In the presence of

1

2

(Signature of witnesses with full name and full address)