



भारतीय प्रौद्योगिकी संस्थान भिलाई

जिला-दुर्ग, छत्तीसगढ़-491002

Indian Institute of Technology, Bhilai

Dist.- Durg, Chhattisgarh - 491002

Website: www.iitbhillai.ac.in

IITBhillai/ Estate/ Electrical/ 2025-26/ NIQ/002

दिनांक/Dated: 20/06/2025


कोटेशन आमंत्रण सूचना / NOTICE INVITING QUOTATION

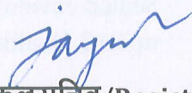
1	कार्य का नाम / Name of Work	:	Laying of XLPE Incomer cables from electrical panel to the Equipment location along with the setting up of termination panels in CPF for Fiber Laser System.
2	उप शीर्ष / Sub Head	:	Electrical works in FY 2025-26
3	कोटेशन क्र /NIQ No.	:	IITBhillai/ Estate/ Electrical/ 2025-26/ NIQ/002
4	कार्याविधि / Period of completion	:	7 days (including rainy days)
5	जमा करने की अंतिम तिथि/ Last date of submission	:	25/06/2025 up to 03:00 PM

अनुक्रमणिका / INDEX

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Certified that this NIQ contains 1 to 9 pages.


सहायक/कार्यपालक अभियंता
आई. आई. टी. भिलाई


कुलसचिव/Registrar
For & on Behalf of Director, IIT Bhilai



कोटेशन आमंत्रण सूचना / NOTICE INVITING QUOTATION

Registrar, Indian Institute of Technology, Bhilai, Durg -491002 invites Item Rate Quotation from eligible firms/ Contractors registered with CPWD, BSNL, Railways, or State PWD for the following work:-

Sr. No.	NIQ No.	Name of work & Location	Period of completion
1	2	3	4
1	IITBhilai/ Estate/ Electrical/ 2025- 26/ NIQ/002	Name of Work: Laying of XLPE Incomer cables from electrical panel to the Equipment location along with the setting up of termination panels in CPF for Fiber Laser System. Sub Head: Electrical works in FY 2025-26	7 days (including rainy days)

The Quotation document can be downloaded from Institute Website https://iitbhillai.ac.in/index.php?pid=ann_tenders. The time and date for issue of quotation is 20/06/2025 from 03:00 PM and last date for Submission of quotation is 25/06/2025 up to 03:00 PM. Bid opening date is 25/06/2025 at 03:30 PM. Contractors/firms have to submit the following documents with Quotation to meet eligibility criteria:

1. Attested copy of valid GSTIN registration.
2. Self-Attested copy of PAN Card.
3. Attested copy of valid contractor registration for Electrical works.

(#Note: Telegraphic, Postal & Conditional Quotation are liable to be summarily rejected)

Authority of IIT Bhilai reserves the right to reject any or all the quotations without assigning any reason.

The following should be super scribed on the envelope containing "self-attested" Quotation Documents.

- a) Name of work.
- b) Name of Firm/Contractor.
- c) Date of opening.

Sealed envelope containing quotation along with above mentioned documents submitted to Estate, Office, Room no 212, Health Center, IIT Bhilai, village Kutelabhata, Durg by hand on or before the last date mentioned.

कुलसचिव/Registrar
For & on Behalf of Director, IIT Bhilai.

प्रतिलिपि /Copy to:

- | | |
|-----------------------------------|----------------------------|
| 1. निदेशक, आई.आई.टी. भिलाई | :- सूचनार्थ हेतु |
| 2. अध्यक्ष, संस्थान निर्माण समिति | :- सूचनार्थ हेतु |
| 3. वेबमास्टर, आई.आई.टी. भिलाई | :- वेबसाईट पर प्रकाशन हेतु |



SCHEDULE OF MATERIAL TO BE ISSUED

Schedule showing approx. quantities of material to be supplied by Institute under Clause 10 of the conditions of contract for work contracted to be executed and the rates at which they are to be charged for.

Items Particulars	Rates at which the material will be charged to the contractor.	Place of delivery
	Nil	

Note: -

1. The person of firm submitting the tender should be see that the rates in the above schedule is filled up by the Engineer- In- charge on the form prior to the submission of the quotation.

मुहर सहित हस्ताक्षर

Signature of the contractor with seal

Brief Scope of Work: XLPE Incomer cables are required to be laid from the electrical panel to the Equipment location, along with the setting up of termination panels in the CPF building at IIT Bhilai.



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फार्म "F" / FORM "F"

ORGANISATION DETAILS

S. N.	Particulars	Details
1.	Name of the bidder	
2.	Address of the bidder	
3.	Contact No.	
4.	Email id	
5.	Valid Contractor Registration No.	
6.	GST Registration No.	

मुहर सहित हस्ताक्षर
Seal & Sign of Bidder(s)



नियम एवं शर्तें / TERMS & CONDITIONS

- 1 The work shall be awarded to the lowest bidder who meets the eligibility criteria.
- 2 No T & P would be supplied by the institute and contractor will have to make own arrangements.
- 3 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 or account of any site conditions ignorance of specification & additional conditions. The work shall be carried out as per the availability of site.
- 4 The work shall be carried out as per latest CPWD specifications with up - to date correction slips unless otherwise specified in the nomenclature of individual item or in the specification, and its 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 IIT Bhilai/CPWD.
- 5 The rates quoted by the contractor shall be taken as Gross and nothing extra shall be paid on any account i.e. Royalty, Cartage, GST & Stacking of material required at place etc.
- 6 The rates for different items of work shall apply for Heights & Depths, Leads & Lifts unless otherwise specified in the agreement or specifications applicable in the agreement and rates are to be quoted on a lump sum basis.
- 7 Any damage done by the contractor to any existing item/any part of the building/services during execution of work shall be made good by the contractor at his own cost.
- 8 Articles manufactured by reputable 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.
- 9 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.
- 10 The sample of material required for Testing shall be provided at free of cost by the contractor. Testing charges if any shall be borne by the Contractor. All other expenditures to be incurred for taking samples, conveyance, packing etc. shall be borne by the contractor.
- 11 The Engineer-in-Charge can modify the programme & the contractors have to work accordingly. In case work does not start within 2 days the same is liable to be rescinded as per latest Form 7/8 IIT Bhilai/CPWD and In case of delay liquidated damages to be imposed on Contractors as per latest Form 7/8 of IIT Bhilai/CPWD. The Clause of extension of time is also applicable as per CPWD manual and GCC.
- 12 Some restrictions may be imposed by the security staff of IIT Bhilai etc. on the working and or movement of labour camp/huts shall be allowed in IIT Campus. 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.
- 13 The contractor shall be fully responsible for the safe custody of the material issued or brought at site by him for doing work.
- 14 The Malba/Garbage generated at site due to construction activities shall be removed from the site immediately & shall be disposed off by the contractor to the approved dumping site of Municipal Corporation of Bhilai, Durg.
- 15 The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipments 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.
- 16 Proper curing shall be done by the contractor.
- 17 Income tax, Labour Cess and other taxes/deductions as applicable shall be deducted from the bills of contractor.
- 18 Estimate has been prepared based on the CPWD DSR- 2023 (Civil), CPWD DSR- 2022 (E&M), DSR- 2025 Vol-II (E&M) and MR (inclusive of GST)
- 19 Total deviation in value of work shall not be more than 1.25 times the work awarded amount.
- 20 Time period for the execution of the work will be as per NIQ starting from the time of issue of the work order.
- 21 Incomplete work will be got done at the risk and cost to the contractor.
- 22 No advance/bonus/escalation will be given to the contractor.
- 23 Bid validity shall be 30 days.



LIST OF APPROVED MATERIALS

S. No.	Material	Approved makes
1	LT panels/boards, Feederpanels.	MILESTONE, TRICOLITE, ADLEC, ADVANCE PANEL & SWITCHGEAR Ltd., PRISTINE, STERLING GENERATOR, APPLICATION CONTROL PANEL.
2	MCCBS	SIEMENS, L&T, SCHNEIDER, LEGRAND.
3	MCB, ELCB, RCCB, DB and RCBO. Distribution board shall be of the same make of MCB, ELCB, RCCB, DB and RCBO.	SIEMENS, L&T, SCHNEIDER, LEGRAND.
4	LT cables, 1.1 KV grade	UNISTAR, GRANDLAY, NATIONAL, RALLISON, KEI, HAVELLS, POLYCAB, RR KABEL.
5	FRLS copper wires and cables, 1.1 KV grade	UNISTAR, GRANDLAY, NATIONAL, RALLISON, KEI, HAVELLS POLYCAB, RR KABEL
6	Switch Socket accessories.	LEGRAND, SCHNEIDER MK HAVELLS, HAGER, CRABTREE
7	Lugs and Ferrules	DOWELLS, JAINSON
8	Brass Compression Gland (Heavy duty)	COMMEX, GRIPWELL, HENSEL
9	Telephone Cables	FINOLEX, HAVELLS, POLYCAB, RR, KABEL
10	Cable Lugs & Thimbles	DOWELL, ASIAN, ACTION
11	Telephone Tag Blocks with boxes	KRONE, POUYET
12	PVC Conduits and Accessories (ISI Marked, Heavy duty)	BEC, PRECISION, POLY-PACK.
13	MS Conduit and Pipes	BEC, AKG, M-KAY, STEEL CRAFT
14	MS Conduit Accessories (Heavy duty)	BEC, AKG, M-KAY, STEEL CRAFT.
15	Pipes and Accessories (ISI)	TATA, JINDAL, SAIL
16	Street /landscape & LED Light Fixtures	PHILIPS, CROMPTON, WIPRO, SCHREDER, JAQUAR LIGHTING
17	LED Chip for Street /landscape and LED Light Fixtures	PHILIPS, CROMPTON, WIPRO.
18	EXIT and Emergency Lights	PHILIPS, CROMPTON, WIPRO.
19	CAT-6A CABLE	Tyco, Commscope, R&M, Molex, Panduit, Schneider (Actassi), LEGRAND
21	LED LIGHT FIXTURE	PHILIPS, CROMPTON, WIPRO, SCHREDER, JAQUAR LIGHTING
22	Selector Switch	RISHAB - L&T, KAYCEE, SIEMENS, C&S, ABB
25	Photo Chromatic Switch	BAJAJ, WIPRO, PHILIPS
26	Annunciation Panel	CROMPTON, AREVA, SIEMENS, KIRLOSKAR
27	Terminal Blocks	BCH, INDUSTRIAL CONTROL, JAINSON
28	Change Over Switch	L&T, SOCOMEC, SIEMENS, HAGER, ABB
29	Bus bar	JINDAL, INDALCO, CENTURY

30	GI pipes	JINDAL, TATA, SAIL
31	Timers & Contactors to be mounted in DB's	L&T, SIEMENS, SCHNEIDER, HAGER, LEGRAND
32	MV Contactors/Timer/ Starters	L&T, SIEMENS, SCHNEIDER, LEGRAND, ABB
33	Protective Relays	AREVA, SIEMENS, L&T
34	kWh Meters (Electronic Digitaltype) /Multifunction Meter /Ammeter/ Voltmeter)	SCHNEIDER, C&S, L&T, SIEMENS, NEPTUNE, ABB, SECURE
35	Indication Lamps/Push Button	L&T, BCH, GE
36	Ceiling/Exhaust/Wall Fans	CROMPTON GREAVES, ORIENT, HAVELLS
37	Cable Tray	MEM, PROFAB, RICO, INDIATECH, RMCON, LEGRAND
38	Raceway	LEGRAND, MK, SCHNEIDER
39	Polycarbonate Junction Boxes	HENSEL, CLIPSAL, MENEKES
40	Fasteners	HILTI, FISCHER, BOSCH, WUNH
41	TV Cable	FINOLEX, HAVELLS, BELDON
42	Splitter Box	MX, SHARP, CATVISION
43	Chemical Earthing	JEF ECOSAFE, ERICO, TEREK PLUS
44	DWC Pipe	Tirupati, Gemini, Rex, TRICOLITE
45	UPS	APC, EMERSON, SOCOME, NUMERIC
46	Sealed Maintenance free Batteries	EXIDE, HITACHI, AMARON
47	Street Light GRP Poles	SCHREDER, PHILIPS, CREATIVE COMPOSITE, AERON COMPOSITE
48	PU paints on street light GRP poles	AZKO NOBEL, ASIAN

Note: Registrar, IIT Bhilai or Engineer in-Charge or equivalent officer appointed by Institute and reserves the right to add or delete any material and brands in the list of preferred material/brands on the recommendation of Engineer-In -charge.



SCHEDULE OF QUANTITY

Name of Work: Laying of XLPE Incomer cables from electrical panel to the Equipment location along with the setting up of termination panels in CPF for Fiber Laser System.

S No	Particulars of work	Quantity	UoM	Rate	Amount
1	Supplying of following sizes XLPE insulated & PVC sheathed armoured Aluminium Conductor cable of 1.1 KV grade confirming to IS 7098 (part 1) etc as reqd.				
	a) 3.5 core x 50 sqmm	150	Meters		
2	Supplying of following sizes XLPE insulated & PVC sheathed Copper Conductor cable of 1.1 KV grade confirming to IS 7098 (part 1) etc as reqd.				
	a) 4 core x 16sqmm	30	Meters		
3	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
	a) 3.5 core x 50 sqmm	2	Set		
4	Supplying and making end termination with copper lugs for following size of PVC insulated and PVC sheathed copper conductor cable of 1.1 KV grade as required.				
	d) 1 core x 16 sqmm	50	Nos		
5	Supplying and installing following size of perforated GI cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required.				
	a) 50 mm width X 25 mm depth X 1.6 mm thickness	30	Meters		
6	Supplying & Fixing of factory made MS enclosure of following size on wall including drilling holes , making connections, etc. as required				
	a) 450*450*250mm	1	Nos.		





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S No	Particulars of work	Quantity	UoM	Rate	Amount
7	Supply and installation of aluminium bus bar with fouraluminium strips (one for each of the three phase- red, yellow,blue and a neutral) along with metal enclosure OF CR sheet (16 SWG). Colour: Grey Powder Coated Dimensions: 650 (H) x 650 (W) x 250 (D) The bus bar should comply to IS-8623/IEC-61439				
	b) 200 ampere , 4 way, Al bus bar with heat shrinkable colour coded sleeve.	1	Nos.		
8	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required				
	a) Above 35 sq. mm and upto 95 sq. mm (clamped with 25X3 mm MS flat clamp)	150	Meters		
9	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.				
	a) 125 A, 36 kA, FPMCCB	1	Nos.		
10	Supplying and fixing 5A to 32A rating, 240/415V, 10kA, 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				
	a) 32A Double pole	6	Nos		
	b) 10A TP	1	Nos		
	C) 6A TP	1	Nos		
Grand Total (in INR)					
Grand Total (in Words): Rupees					

मुहर सहित हस्ताक्षर
Seal & Sign of Bidder(s)