	Government eProcurement System	eProcurement System Government of India
	Tender Details	Date : 12-Dec-2024 02:56 PM

 Print

Basic Details			
Organisation Chain	IIT BHUBANESWAR		
Tender Reference Number	IITBBS/SE/Engg.cell/21/24-25		
Tender ID	2024_IITBR_839386_1	Withdrawal Allowed	Yes
Tender Type	Open Tender	Form of contract	Works
Tender Category	Works	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Offline	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Payment Instruments			Cover Details, No. Of Covers - 2			
Offline	S.No	Instrument Type	Cover No	Cover	Document Type	Description
	1	Bankers Cheque	1	Fee/PreQual/Technical	.pdf	Technical bid
	2	Demand Draft	2	Finance	.xls	Financial bid
	3	FDR				

Tender Fee Details, [Total Fee in ₹ * - 0.00]				EMD Fee Details					
Tender Fee in ₹	0.00	Fee Payable To	Nil	Fee Payable At	Nil	EMD Amount in ₹	13,454	EMD Exemption Allowed	Yes
Tender Fee Exemption Allowed	No					EMD Fee Type	fixed	EMD Percentage	NA
						EMD Payable To	Registrar IIT Bhubaneswar	EMD Payable At	Bhubaneswar

[Click to view modification history](#)

Work /Item(s)					
Title	Electrical works				
Work Description	Supply Installation Testing and Commissioning of Electrical accessories (Underground power cables MCCBs and earth pit and other small items) from LCS-2 (Local Control Station) to Feeder pillar in front of SHR Hostel inside IIT Bhubaneswar campus				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor/Remarks	NA				
Show Tender Value in Public Domain	Yes				
Tender Value in ₹	6,72,713	Product Category	Electrical Works	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	90	Period Of Work (Days)	30
Location	Engineering Section, IIT Bhubaneswar Argul Jatni	Pincode	752050	Pre Bid Meeting Place	NA

Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	Engineering Section IIT Bhubaneswar
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates

Publish Date	12-Dec-2024 04:00 PM	Bid Opening Date	24-Dec-2024 03:30 PM
Document Download / Sale Start Date	12-Dec-2024 04:00 PM	Document Download / Sale End Date	23-Dec-2024 03:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	12-Dec-2024 06:00 PM	Bid Submission End Date	23-Dec-2024 03:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Supply Installation Testing and Commissioning of Electrical accessories (Underground power cables MCCBs and earth pit and other small items) from LCS-2 (Local Control Station) to Feeder pillar in front of SHR Hostel inside IIT Bhubaneswar campus	952.96

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_882255.xls	Financial bid	340.00

Bid Openers List

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	sambit@iitbbs.ac.in	Sambit Ranjan Mohanty	SAMBIT RANJAN MOHANTY
2.	diptiranjana@iitbbs.ac.in	Dipti Ranjan Pattanaik	DIPTI RANJAN PATTANAIAK
3.	biswaranjan@iitbbs.ac.in	BISWARANJAN PRADHAN	BISWARANJAN PRADHAN

Tender Properties

Auto Tendering Process allowed	No	Show Technical bid status	Yes
Show Finance bid status	Yes	Stage to disclose Bid Details in Public Domain	Technical Bid Opening
BoQ Comparative Chart model	Normal	BoQ Comparative chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

TIA Undertaking


S.No	Undertaking to Order	Tender complying with Order	Reason for non compliance of Order
1	PPP-MII Order 2017	Agree	
2	MSEs Order 2012	Agree	

Tender Inviting Authority

Name	EE(Electrical)
Address	Engineering Section, 3rd floor Main Building IIT Bhubneswar Argul Jatni Dist-Khordha Odisha

Tender Creator Details

Created By	Dipti Ranjan Pattanaik
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 संस्कृतं ज्ञानं	Designation	Assistant Executive Engineer(Civil)
	Created Date	12-Dec-2024 12:45 PM

Government
eProcurement
System



INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

E-Tendering.

TENDER DOCUMENT FOR THE WORK “Supply, Installation, Testing & Commissioning of Electrical accessories (Underground power cables, MCCBs & earth pit & other small items) from LCS-2 (Local Control Station) to Feeder pillar in front of SHR Hostel inside IIT Bhubaneswar campus”.

TENDER NO. IITBBS/SE/Engg.Cell/21/24-25

DATE: 12.12.2024.



INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

CONTENT FOR NIT No. IITBBS/SE/Engg.Cell/21/24-25 Dt. 12.12.2024.

WORK DEATAILS: SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF ELECTRICAL ACCESSORIES (UNDERGROUND POWER CABLES, MCCBS & EARTH PIT & OTHER SMALL ITEMS) FROM LCS-2 (LOCAL CONTROL STATION) TO FEEDER PILLAR IN FRONT OF SHR HOSTEL INSIDE IIT BHUBANESWAR CAMPUS AT ARGUL JATNI.

SL NO.	DESCRIPTION.	PAGE NO.
1	FRONT COVER.	
2	INDEX PAGE.	
3	NOTICE INVITING TENDER.	
4	INFORMATION & INSTRUCTION FOR THE BIDDERS FOR e-TENDERING	
5	TENDER SCHEDULE AS ANNEXURE-I.	
6	DETAILS ABOUT BIDDING AGENCY AS ANNEXURE-II.	
7	APPROVED MAKE LIST AS ANNEXURE-III.	
8	DETAILED SCOPE OF WORK AS ANNEXURE-IV.	
9	COMMERCIAL & OTHER TERMS & CONDITIONS AS ANNEXURE-V.	
10	PROFORMA OF SCHEDULES: SCHEDULE A, E, F.	
11	PERCENTAGE RATE TENDER FORM 7.	
12	PERFORMANCE BANK GURANTTEE FORMAT AS ANNEXURE-VI.	

This NIT contains **1 to 26 pages** including front cover page & this page.

Executive Engineer (E)
IIT Bhubaneswar.



NOTICE INVITING TENDER

No. IITBBS/SE/Engg.Cell/21/24-25

dt.12.12.2024

The Executive Engineer (E), Indian Institute of Technology Bhubaneswar hereafter called IITBBS on behalf of Director, IIT Bhubaneswar invites online percentage rate tenders through CPP portal (<https://eprocure.gov.in/eprocure/app>) for the work “Supply, Installation, Testing & Commissioning of Electrical accessories (Underground power cables, MCCBs & earth pit & other small items) from LCS-2 (Local Control Station) to Feeder pillar in front of SHR Hostel inside IIT Bhubaneswar Campus at Argul Jatni” from Electrical contractors having experience in similar work in two bids up to 3.00 P.M. on dt.23.12.2024 as per the attached Annexures (**Annexure-I to Annexure-VI**), PROFORMA OF SCHEDULES: SCHEDULE **A, E, F**, and **FORM-7** for percentage rate tender.

Name of Work: “Supply, Installation, Testing & Commissioning of Electrical accessories (Underground power cables, MCCBs & earth pit & other small items) from LCS-2 (Local Control Station) to Feeder pillar in front of SHR Hostel inside IIT Bhubaneswar Campus at Argul Jatni”.

1.NIT NO. & Date.	No. IITBBS/SE/Engg.Cell/21/24-25, dt. 12.12.2024
2. Name of the Work.	Supply, Installation, Testing & Commissioning of Electrical accessories (Underground power cables, MCCBs & earth pit & other small items) from LCS-2 (Local Control Station) to Feeder pillar in front of SHR Hostel inside IIT Bhubaneswar Campus at Argul Jatni.
3. Location of Work.	Permanent campus of IIT Bhubaneswar at Argul, Jatni.
4.Estimated Cost (Including GST)	Rs. 6,72,713/- (Rupees Six lakh Seventy-two thousand Seven Hundred Thirteen) only including GST.
5.Earnest Money Deposit	Rs. 13,454/- (Refundable but interest-free). Exemption for Micro & Small Enterprises registered under MSME.
6. Security Deposit.	5% of Gross value of the work.
7. Performance Guarantee.	5% of Awarded value.

8. Time Limit	30 days from the 5 th day of issue of Work Order.
9.Tender Basis & Mode	Two bid.
10. Last date & time for online submission of bids with other documents as specified in the NIT.	23.12.2024, 3.00 PM.
11. Date & Time for opening of bid.	24.12.2024, 3.30 PM.
12. Engineer In-Charge/Project Head & Contact Details.	Er. Biswaranjan Pradhan, Executive Engineer-Elect, IIT Bhubaneswar. Ph No.9337359826, email ID- biswaranjan@iitbbs.ac.in
13. Website details for updated publishing information.	www.iitbbs.ac.in , https://eprocure.gov.in/eprocure/app
14. Website for tender submission & processing.	https://eprocure.gov.in/eprocure/app

The bid forms and other details can be obtained from the website www.iitbbs.ac.in , <https://eprocure.gov.in/eprocure/app>

Executive Engineer (E)
IIT Bhubaneswar.



**INFORMATION AND INSTRUCTIONS FOR-BIDDERS FOR E-TENDERING
FORMING PART OF BID DOCUMENT
(Applicable for inviting bids on 2 bid system)**

The Executive Engineer (E), IIT BBS, on behalf of Director, IIT BBS invites online Percentage rate e-tenders from Electrical contractors having experience in similar work in two bid system for the following works.

S. No	N.I.T No.	Name of work.	Estimated Cost put to Tender	Earnest Money	Period of completion	Last date of online submission of bid & other documents as specified in the bid document.	The date and time of opening of Bid
1	No. IITBBS/SE/Engg.Cell/21/24-25 dt. 12.12.2024	Supply, Installation, Testing & Commissioning of Electrical accessories (Underground power cables, MCCBs & earth pit & other small items) from LCS-2 (Local Control Station) to Feeder pillar in front of SHR Hostel inside IIT Bhubaneswar Campus at Argul Jatni.	Rs. 6,72,713 (including GST)	Rs.13,454/-	30 days	Dt. 23.12.2024, 03.00 PM	Dt. 24.12.2024, 03.30 PM

1. Electrical Contractors who fulfill the following requirements shall be eligible to apply.
 - a. Should have satisfactorily completed the works as mentioned below during the last Seven years ending previous day of last date of submission of bids.
 - (i) Three similar works each of value not less than 40% of the estimated cost put to tender.

OR
 - (ii) Two similar works each of value not less than 60% of the estimated cost put to tender.

OR
 - (iii) One similar work of value not less than 80% of the estimated cost put to tender.

The above work must have been carried out in any govt. organization (Central Govt./PSU/ State or Semi-Govt/ Autonomous bodies of Central Govt. etc.

Similar work shall mean:

“Supply, Installation, Testing & Commissioning of Electrical items which must include Underground power cables, Electrical panels & earth pit etc”.

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to last date of receipt of application of bids.

- b. Should have Average Annual Turnover during the last three financial years preceding to the year of tender notification equal to or more than the estimated cost (Rs. 6,72,713/- including GST/Taxes) of the bid for which the bidder has submitted his/her bid. The bidder shall furnish audited accounts/supporting documents/Balance sheet for the last three years i.e. FY 2021-2022, FY 2022-2023, FY 2023-2024 evidencing their turnover (**Scanned copy of documents certified from Chartered Accountant (CA) to be uploaded**)
2. The intending bidder must read the terms and conditions carefully. He should only submit his bid if considers himself eligible and in possession of all the documents required.
3. The information and instruction for bidders posted on website shall form part of bid document.
4. The bidder may inspect the site before submission of their bid to have a thorough idea about the site, nature of work.
5. The bid document consisting of Specifications, Schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from the website **www.iitbbs.ac.in** , **https://eprocure.gov.in/eprocure/app**.
6. The scanned copy of original EMD (for an amount of Rs.13,454/-) in the form of Demand Draft or Pay Order of Bankers Cheque or Deposit at call Receipt or Fixed Deposit Receipts of any scheduled bank in favour of Registrar, IIT Bhubaneswar payable at Bhubaneswar or Bank Guarantee from a Commercial bank or the proof of online payment in an acceptable form must be uploaded in the CPP portal at the time of submission of the documents. However, the original hard copy shall be submitted in the office of Engineering Cell located in Admin Building (3rd floor) of IIT Bhubaneswar at Argul, Jatni before bid closing date.
7. Micro & Small enterprise Units who are registered under MSME act for similar work are exempted from submitting the EMD/ Bid Security as per General Finance Rule of Govt. Of India. Documentary proof to be enclosed in support of relevant registration details.
8. The intending bidder must have valid class-III digital signature to submit the bid.
9. Bidders can upload documents in the form of JPG format and PDF format.
10. **Certificate of Financial Turn over:**
At the time of submission of bid, the bidder shall upload Affidavit/Certificate from CA (Chartered Accountant) mentioning Financial Turnover of last 3 years or for the period as specified in the bid document and further details if required may be asked from the bidder after opening of technical bids. There is no need to upload entire voluminous balance sheet.
11. If a bidder does not quote any percentage above/below on the total amount of the tender, the tender shall be treated as invalid and will not be considered as lowest tender.
12. The Technical Bid shall be opened first on due date and time as mentioned above. The financial bid of those bidders will be opened who will be technically qualified. The Institute at its discretion reserves the right to reject any prospective application in case finds any charges framed against the bidder.
13. List of Documents to be scanned and uploaded within the period of bid submission.
 - I- Scan copy of E.M.D. as to be submitted in hard copy.
 - II- Certificate of work experience including satisfactory work completion certificate or proof of completion from the client.
 - III- Valid Electrical license in the name of the Contractor issued from Govt of Odisha.

- IV- Form-7 duly signed & stamped by the bidder.
- V- Certificate of Financial Turnover certified by Chartered Accountant.
- VI- GST registration certificate.
- VII- Upto date EPF details.

Executive Engineer (E),
IIT Bhubaneswar.

TENDER SCHEDULE

Percentage BoQ

Tender Inviting Authority: Executive Engineer(Electrical)

Name of Work: Supply, Installation, Testing & Commissioning of Electrical accessories (Underground power cables, MCCBs & earth pit & other small items) from LCS-2 (Local Control Station) to Feeder pillar in front of SHR Hostel inside IIT Bhubaneswar campus

Contract No: IITBBS/SE/Engg.cell/21/2024-25

Name of the Bidder/ Bidding Firm / Company :	
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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	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	Quoted Currency in INR / Other Currency	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	6	12	7	8

1	Supply of 1.1 KV grade XLPE insulated, PVC sheathed, Galvanized steel strip armoured, Aluminum Power cable size 300 sqmm 3 ½ core as per IS:7098 Part-1 (1988) Make – KEI/Havells/Polycab/RR Cable/FINOLEX	200.00	Mtr	1908.20	INR	381640.00	INR Three Lakh Eighty One Thousand Six Hundred & Forty Only
2	Supply and making end termination with double brass compression gland and Aluminium lugs for 3.5 C x 300 Sq.mm XLPE insulated and PVC sheathed AL Power cable of 1.1 KV grade as required.	4.00	Set	3620.00	INR	14480.00	INR Fourteen Thousand Four Hundred & Eighty Only
3	Supply & Installation of 4 Pole MCCB in the Existing Outdoor Feeder Pillar. The details of MCCBs are enclosed at Annexure-IV	0.00	0	0.00	INR	0.00	
4	(a) 400 A Settable 4P MCCB (Make Legrand)	2.00	Nos.	24275.00	INR	48550.00	INR Forty Eight Thousand Five Hundred & Fifty Only
5	(b) 160A Settable 4P MCCB (Make Legrand)	3.00	Nos.	10750.00	INR	32250.00	INR Thirty Two Thousand Two Hundred & Fifty Only
6	(c) 100A Settable 4P MCCB (Make Legrand)	2.00	Nos.	6660.00	INR	13320.00	INR Thirteen Thousand Three Hundred & Twenty Only
7	Repairing of existing feeder pillar which includes cleaning of the panel with wire brush, Painting after one coat primer, Welding work for doors including supply & fixing of hinges, bus bar maintenance & repairing & incoming cable dressing etc.)	2.00	Nos.	18000.00	INR	36000.00	INR Thirty Six Thousand Only
8	Laying of one number PVC insulated & PVC sheathed/XLPE power cable of 1.1KV grade of size300sqmm 3.5core direct in ground including	20.00	Mtr	401.69	INR	8033.80	INR Eight Thousand & Thirty Three and Paise Eighty Only

	excavation, sand cushioning, protective covering and refilling the trench etc as required						
9	Laying of additional PVC insulated & PVC sheathed/XLPE power cable of 1.1KV grade of size 300sqmm 3.5core direct in ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc as required	20.00	Mtr	301.69	INR	6033.80	INR Six Thousand & Thirty Three and Paise Eighty Only
10	Laying of one number PVC insulated and PVC sheathed /XLPE power cable of 1.1KV grade of of size 300 sqmm 3.5core in the existing RCC/HUME/METAL pipe as required	160.00	Mtr	113.56	INR	18169.60	INR Eighteen Thousand One Hundred & Sixty Nine and Paise Sixty Only
11	Earthing with GI earth pipe 4.5m long, 40 mm dia including accessories and providing masonry enclosure with cover plate having docking arrangement and watering pipe etc. with charcoal.coke and salt as required	2.00	Nos.	5809.32	INR	11618.64	INR Eleven Thousand Six Hundred & Eighteen and Paise Sixty Four Only
Total in Figures (Excluding GST)						570095.84	Five Lakh Seventy Thousand & Ninety Five and Paise Eighty Four Only
Quoted Rate in Figures			Select			0.00	Zero Only
Quoted Rate in Words		INR Zero Only					

DETAILS ABOUT BIDDING AGENCY

SI No	Particulars	Details
01	Full name of the bidder (In capital letters)	
02	Full address of the bidder	
03	(a) Telephone Number: (b) E-mail Address:	
04	Name and details of the authorized signatory (Name, Designation, Address, Telephone number, Mobile number, E-mail Address)	

I hereby certify that the above mentioned particulars are true and correct. If any fact/information is found incorrect/misleading, the bid shall be rejected and the legal action as deemed suitable will be taken against our firm.

(Signature of Authorized Signatory)

(Stamp of the Bidder)

APPROVED MAKE LIST

Sl.No	Item	Make and Model.
1	300 sq.mm 3.5Core Aluminium XLPE Power Cable	KEI/Havells/Polycab/RR Cable/FINOLEX
2	MCCB (Legrand only)	a. 400A - DPX3 630 440V 400A, 36KA 4P MCCB Make Legrand Cat No 4220 07 b. 160A - DPX3 160 440V 160A, 36KA 4P MCCB Make Legrand Cat No – 4200 97 c. 100A - DPX3 100 440V 100A, 36KA 4P MCCB Make Legrand Cat No – 4200 95

Scope of Work for Supply, Installation, Testing & Commissioning of Electrical accessories (Underground power cables, MCCBs & earth pit & other small items) from LCS-2 (Local Control Station) to Feeder pillar in front of SHR Hostel inside IIT Bhubaneswar Campus at Argul Jatni

1. Detailed survey of the proposed area, routes to be done by the contractor before start of the work.
2. Supply, laying, testing & commissioning of 200-meter length 3.5 Core 300 sq.mm XLPE 1.1 KV grade power cable as per the schedule from LCS-2 to feeder pillar in front of SHR hostel. The length between LCS-2 to feeder pillar is around 100 meter. Two runs of cables are to be laid from LCS-2 to feeder pillar in the same route.
3. 75% cable length has to be laid inside the existing RCC Hume pipe & remaining length to be laid direct in ground at 0.75 m depth from the top soil with sand cushioning & protective brick provision. Excavation as per the requirement needs to be done. However, manual excavation has to be done for certain length where the existing cable/other services are running. The same will be intimated by the Institute during site survey.
4. The agency has to be circumspect about the safety part while excavation to prevent damage of existing services like water line, sewer line, OFC cables & Electrical cables.
5. The cables at both end needs to be terminated after glanding. Related accessories need to be provided by the agency. Bush (Vegetation) cleaning if required has to be done at site. While drawing the cables to LCS-2, it is required to open the trench cover & the same shall be done by the agency either manually or using machineries, but in no case the slab/manhole should be damaged. After cable termination, the trench cover needs to be put properly over the existing trench.
6. Proper dressing of cable inside the trench shall be done. Care should be taken to avoid damage of cable while laying. Skilled technical persons shall be deployed for the work. The work must be executed under the supervision of a Technical person having experience in similar kind of work.
7. All tools/machineries required for the work shall be arranged by the agency.
8. Maintenance of existing feeder pillars (02 nos.) is under the scope of the contract which includes, cleaning, painting, bus bar maintenance, door repairing etc. as required at site.
9. Earth pits are to be erected as per the specification in the desired location near the feeder pillar. GI wire of suitable size (10 Sq.mm) shall be laid from the earth pit up to the feeder pillar for earthing of the feeder pillar.
10. Supplied materials shall comply the corresponding IS/IEC Standard.

11. Receipt, storage, preservation and conservation of equipment at the site is in the scope of the Contractor. Contractor shall take prior approval from IIT BBS for storage of material at site.
12. Necessary commissioning check & site testing to be carried out by the contractor at site after installation in presence of IIT representative.
13. Loading, unloading and transportation as required.
14. Welding, cutting as required at site is under the scope.

Additional Conditions of Contract:

1. All minor works required during installation such as grouting, welding/cutting, opening of walls/floors, trench area as required are under the scope of work.
2. Closing/sealing of cable entry point after the completion of work.
3. Electricity if required during the work will be provided by IIT free of cost for which IIT will show the nearest tapping point only. Arrangement for tapping power will be made by the contractor.

**Executive Engineer (E),
IIT Bhubaneswar.**

COMMERCIAL & OTHER TERMS AND CONDITIONS:

1. **Scope of work:** Details enclosed as **Annexure-I, Annexure-II, Annexure-III, Annexure-IV, Annexure-V, Schedules: A, E & F.**
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. The scrutiny of the bid shall be done by the Engineer-in-charge. Necessary clarification required by the Institute shall be furnished by the tenderer within the time given by the Institute.
4. The tenderers are allowed to resubmit revised bids any number of time but same shall be before last date and time of submission of bid as per the tender notification within the bid submission date or any extension thereof by the institute.
5. The bid submitted shall become invalid in case the bidder is found ineligible or found defaulter in submitting any of the required documents as per the tender notification.
6. **Taxes and Duties:** GST@18% will be reimbursed on issue of tax invoice & proof of payment to Govt. of India. GST element is to be disclosed separately in the invoices. However, Taxes & labour cess as applicable will be deducted from the Contractor's Bill.
7. The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender 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 under the Contract and all matters and things necessary for the proper completion of the works.
8. **Specification:** The execution of work should be done at site as per the specifications and material approved by the Engineer-in-Charge. Before supply of the materials, the Technical data sheets of the items need to be submitted for approval of the Engineer-in-charge. The materials to be supplied at site must confirm to the relevant IS standard/IEC standard whichever is applicable.
9. **Inspection & Tests:**

The materials are to be dispatched alongwith the factory test report/any type test/route test. The Institute or its representatives shall have the right to inspect and test the items for their conformity to the specifications/standards at site. Necessary site testing has to be carried out like IR measurement, earth pit resistance measurement, tripping operation of the MCCBs under loaded condition. The instrument/equipment required for the tests must be arranged by the contractor within the contract value. The test certificates/calibration certificate of the equipment/instrument must be submitted at the time of testing.

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.

10. Time for completion:

Time is the essence of the contract. Entire work shall be completed within 30 days from the 5th day of issue of Work Order as defined in **Schedule "F"**.

In case the contractor fails to complete the work as per the above completion schedule, LD clause will be applicable.

The delay will not be attributable to the contractor, if the site will not be handed over by the Engineer-in-charge in which case the contractor is not liable & the LD clause will not be applicable for the contractor. The reasons for the delay must be recorded either through writing or through e-mail communication. Accordingly, time extension will be given as per the **Schedule-F** of the tender document.

11. Terms of Payment:

a- No advance payment will be made to the contractor. Payment will be made as per the following.

b- Payment will be released after completion of the work as per the detailed scope, schedule after deducting the security amount & other deductions including taxes as applicable. Payment will be made as per actual measurement at site.

12. In the case of discrepancy between the schedule of specifications, the following order of preference shall be observed:

- i) Description of Schedule of quantities.
- ii) Particular Specification and special condition, if any.
- iii) CPWD specifications.
- iv) Indian Standard specification of BIS/IEC standard.

13. If there are varying or conflicting provisions made in any one document forming part of the contract, the Director, IITBBS shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor.

14. **Paying Officer:** The Registrar, IIT Bhubaneswar.

15. **Performance guarantee:** 5% of Tendered value shall be deposited by the successful bidder in the form of Demand Draft drawn in favor of Registrar, IIT Bhubaneswar payable at Bhubaneswar from any nationalized bank or same can be furnished in the form of Bank Guarantee (BG) from any Nationalized Bank operating inside India or Fixed Deposit Receipt of any scheduled Bank as per prescribed format attached as **Annexure-VI** in favor of Registrar IIT Bhubaneswar within the period specified in **Schedule-F**. In case the contractor fails to deposit the said performance guarantee within the period as indicated in **Schedule 'F'** including the extended period, if any, EMD will be forfeited automatically without any notice to the contractor. The Performance guarantee amount will be released after successful completion of the work on written request from the contractor within 2 months after completion of the work. In case the time for completion of work gets enlarged, the contractor shall get the validity of Performance Guarantee extended to cover such enlarged time for completion of work. The amount will be

forfeited & credited to IIT BBS's account in case of non-compliance of the terms & conditions of the tender. No interest shall be payable to the bidder against the performance bank guarantee. If the agency does not start the work or does not perform the assigned work properly and/or in time as per the schedule, the deposits including performance guarantee shall be forfeited.

In the event of the contract being determined or rescinded under provision of any of the Clause/Condition of the contract, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of IIT Bhubaneswar.

The time allowed for submission of the performance guarantee shall be 10 days from the date of issue of "Letter of Intent/Acceptance" (LOI/LOA). This period can be further extended at the written request of the contractor by the Engineer-in-charge for a maximum period ranging from 1 to 15 days with a late fee @ 0.1% per day of Performance Guarantee Amount. If the bidder still fails to deposit the performance guarantee within the extended time period, i.e. within 11th day to 25th day from the issue of letter of Intent (LOI), his/her bid will be rejected and treated as cancelled and the entire Earnest Money Deposit shall be forfeited.

16. Return of EMD:

The earnest money given by all the bidders except the lowest bidder should be refunded immediately after the expiry of bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. Earnest money of the successful bidder shall be refunded on receipt of Performance Guarantee submitted on award of LOI/LOA.

17. **Warranty:** The materials, works shall be warranted against any defect for a period of 1 year from the date of final testing, commissioning. During this period, the contractor has to replace/repair the defective material free of cost, failing which equivalent amount will be deducted from Security deposit.
18. **Security Deposit (SD):** Security deposit @ 5% of the gross value of the work will be deducted from the final bill and kept as security deposit by IIT Bhubaneswar. S.D can be released after 12 months from successful completion of the work to the satisfaction of the Engineer in-charge.
19. **Liquidated Damage:** Liquidated damage @ 1% (one percent) of the tendered value of the work lagging behind per month of delay in completion of the work shall be levied subject to maximum 10% of Contract value.
20. The Bid for the work shall remain open for acceptance for a period of 90 days from the date of opening of bid. If any bidder withdraws his Bid before the said period or issue of letter of acceptance whichever is earlier, or makes any modification in the terms and conditions of the bid which are not acceptable to the Institute, then the Institute shall, without prejudice to any other right or remedy, be at liberty to forfeit the Earnest Money. Further the bidders shall not be allowed to participate in the re-bidding process.
21. The Notice Inviting Bid shall form a part of the contract document. The successful bidder on acceptance of his bid by the Accepting authority shall within 10 days from the stipulated date of start of the work, sign the contract consisting of tender documents and form-7. The stamp paper cost shall be borne by the contractor.
22. **Place of Work:** The entire work is to be completed at IIT Bhubaneswar campus at Argul, Jatani.
23. **Site Inspection by the Bidders:** The tenderers 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 source of 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.

24. **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. Licensed/Experienced Electrical person shall be deputed for Electrical works. 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.
25. IIT 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, EPF, ESI of the employees shall be taken care by the contractor.
26. After completion of work, area to be thoroughly cleaned by the contractor and the waste are to be taken out by the contractor through proper waste management.
27. 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.
28. The Contractor shall be liable to pay compensation for any loss and damage caused to the property of IIT BHUBANESWAR. The damages made must be rectified by the contractor without any extra cost. In case, the rectification will not be done by the contractor, equivalent amount as assessed by the Engineer in-charge will be deducted from the Bill of the contractor. The cost for the same will be assessed by tender accepting authority and will be limited to the tendered amount.
29. **Engineer & Workmanship:** The Engineer/Supervisor/Technician/Helper to be deployed at site must have experience in execution of similar work. 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.
30. **Gate Pass:** The contractor must issue/ submit ID proof of all the workers to be deployed at site for entry pass at the time of entry.
31. The bidder has to submit the detailed address (includes e-mail address) to IIT BBS for necessary official correspondence after award of the contract as per the attachment at **Annexure-II**.
32. **Risk Purchase:**

In the event of Contractor's failure to execute the contract to the satisfaction of the Institute, the Institute reserves the right:

- a-To reject any part of the Contract executed and withhold payment for such portion of the Contract till such time the defects are rectified to the satisfaction of the Institute.
b-To terminate the Contract and to get the Contract executed by other agency at the risk and cost of the Contractor.

33. Personal Accident Insurance:

The entire contractor employee will have to be covered under insurance against any personal accident and Institute will not be liable for payment of any compensation on that account. During the execution of work, the contractor shall follow all standard norms of safety measures / precautions to avoid the accident / damages to man, machineries and building. On non-adherence of this clause, suitable fines shall be imposed as decided by engineer in charge, Institute. But, in no case the fine imposed by the Institute exceeds the contract value.

34. The Institute reserves the right to cancel the tender at any time without assigning any reason thereof.

35. Corrigendum /Addendum notice if any, will only be uploaded in the web site of IIT Bhubaneswar www.iitbbs.ac.in (Tenders) & in <https://eprocure.gov.in/eprocure/app> . There will be no press publication in this regard. Bidders are required to check the Corrigendum /Addendum notice if any in our web site, before finally submitting the bid.

36. **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 (E),
IIT Bhubaneswar

PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities (Enclosed as **Annexure-I**)

SCHEDULE 'E'

Reference to General Conditions of contract: CPWD GCC 2022 (for Maintenance Works) amended upto date of call of bid.

Name of work: **"Supply, Installation, Testing & Commissioning of Electrical accessories (Underground power cables, MCCBs & earth pit & other small items) from LCS-2 (Local Control Station) to Feeder pillar in front of SHR Hostel inside IIT Bhubaneswar Campus at Argul Jatni"**.

Estimated cost of work: Rs 6,72,713/- (Including GST)

- (i) Earnest money: Rs.13,454/- (to be returned without any interest after receiving performance guarantee, Not applicable for Micro & Small enterprises as per tender conditions). Refer clause No.16 of COMMERCIAL & OTHER TERMS AND CONDITIONS of **Annexure-V**.
- (ii) Performance Guarantee 5% of Tendered value.
- (iii) Security Deposit 5% of Gross value of the work.

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS:		
1.	Officer inviting tender	The Executive Engineer-Electrical, IIT Bhubaneswar
2.	Maximum percentage of quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3	100%
3.	Definitions:	
a)	Engineer-in-Charge/ Project-in-charge	Executive Engineer-Elect, IIT Bhubaneswar
b)	Accepting Authority	The Executive Engineer.
c)	Standard Schedule of Rates	Market Rate/ DSR Rate
d)	Department	Indian Institute of Technology, Bhubaneswar
e)	Contract Form:	CPWD GCC 2022, CPWD Form 7/ 8 as modified & corrected upto date of call of bid.
4.	Clause 1	
	(i) Time allowed for submission of Performance Guarantee.	10 (Ten) days from date of issue of letter of Acceptance/LOI.
	ii) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above	1(One) to 15 (Fifteen) days
5.	Clause 2	

	Authority for fixing compensation under clause 2	The Executive Engineer.
6.	Clause 5	
	Number of days from the date of issue of Work Order for reckoning date of start.	5 (Five) days

7.	Time allowed for execution of work	30 days.
8.	Authority to decide:	
	(i) Extension of time:	The Executive Engineer.
	(ii) Rescheduling of mile stones:	NA
	(iii) Shifting of date of start in case of delay in handing over of site:	The Executive Engineer.
9.	Clause 10A	
	List of testing equipment to be provided by the contractor.	As Required for the work.
11.	Clause 11	
	Specifications to be followed for execution of work	As per the attached schedule Annexure-I , detailed scope Annexure-IV
12.	Clause 12	
	Authority to decide deviation of quantity of the scheduled items upto 1.5 times of tendered amount.	NA
13.	Clause 12.2 & 12.3	
	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply.	100%.
14.	Clause 16	
	Competent Authority for deciding reduced rates	The Executive Engineer.
15.	Clause 18	
	List of mandatory machinery, tools & plants to be deployed by the contractor at site.	All tools and plants necessary for Supply, Installation, Testing & Commissioning of Electrical accessories (Underground power cables, MCCBs & earth pit & other small items) from LCS-2 (Local Control Station) to Feeder pillar in front of SHR Hostel inside IIT Bhubaneswar Campus at Argul Jatni and all other items of schedule of quantity of work shall be arranged by the contractor at site. Necessary testing equipment shall be arranged at site by the contractor.

16.	Clause 19 C	
	Authority to decide penalty for each default	The Executive Engineer.
17.	Clause 19 D	
	Authority to decide penalty for each default	The Executive Engineer.
18.	Clause 19 G	
	Authority to decide penalty for each default	The Executive Engineer.
19.	Clause 19 K	
	Authority to decide penalty for each default	The Executive Engineer.

FORM-7

INDIAN INSTITUTE OF TECHNOLOGY, BHUBANESWAR, AN INSTITUTE OF NATIONAL IMPORTANCE.

Percentage Rate Tender & Contract for Works.

(A) Tender for the work of: - **Supply, Installation, Testing & Commissioning of Electrical accessories (Underground power cables, MCCBs & earth pit & other small items) from LCS-2 (Local Control Station) to Feeder pillar in front of SHR Hostel inside IIT Bhubaneswar Campus at Argul Jatni.**

- (i) To be uploaded by 15.00 hours on 23.12.2024.
Upload at <https://eprocure.gov.in/eprocure/app>
- (ii) To be opened in presence of tenderers who may be present at 15:30 hours on 24.12.2024 in the office of the Executive Engineer-Elect at Engineering Section, Admin Building, IIT Bhubaneswar.

TENDER

I/We have read and examined the notice inviting tender, schedule, A, E & F, Specifications applicable, Conditions of Contract, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Director, IIT Bhubaneswar within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications in line with the manufacturer's recommendation and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for 90 (Ninety) days from the due date of its opening and not to make any modification in its terms and conditions.

A sum of Rs.13,454/- is hereby forwarded in fixed deposit receipt of scheduled bank/demand draft of a scheduled bank as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the authority inviting tender on behalf of Director, IIT BBS or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence the work as specified, I/ We agree that the authority inviting tender on behalf of Director, IIT BBS or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/We shall be debarred from participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Institute, then I/We shall be debarred from tendering in IIT BBS in future forever. Also, if such a violation comes to the notice of Institute before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee based on the decision of competent authority of IIT BBS.

I/We hereby declare that I/We shall treat the tender documents and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated:

Signature of Contractor
Postal Address.

Witness:

Address:

Occupation:

A C C E P T A N C E

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Director, IIT Bhubaneswar for a sum of Rs. (Rupees)

The letters referred to below shall form part of this contract agreement:-

- (a)
- (b)
- (c)

For & on behalf of the Director, IIT BBS.

Signature.....

Dated:

Designation.....

Form of Performance guarantee / Bank guarantee bond

In consideration of IIT Bhubaneswar having offered to accept the terms and conditions of the proposed agreement betweenand (Hereinafter called “the said contractor(s)” for the work (hereinafter called “the said agreement”) having agreed to production of an irrevocable Bank Guarantee for Rs.....(Rupees.....only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We(hereinafter referred to as the “Bank”) hereby undertake to (indicate the name of the Bank) pay to IIT Bhubaneswar an amount not exceeding Rs (Rupees.....only) on demand by IIT Bhubaneswar.
2. We do hereby undertake to pay the amounts due and payable (indicate the name of the Bank) under this Guarantee without any demur, merely on a demand from IIT Bhubaneswar stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs..... (Rupees.....only).
3. We, the said Bank, further undertake to pay to IIT Bhubaneswar any money so demanded not withstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any Court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder, and the contractor(s) shall have no claim against us for making such payment.
4. We further agree that the Guarantee herein contained shall (indicate the name of the Bank) remain in full force and effect during the period that would be taken for the performance of the said agreement, and it shall continue to be enforceable till all the dues of IIT Bhubaneswar under or by virtue of the said agreement have been fully paid, and its claims satisfied or discharged, or till the Engineer-in-charge, on behalf of IIT Bhubaneswar, certifies that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s), and accordingly discharges this guarantee.
5. We further agree with IIT Bhubaneswar that IIT Bhubaneswar (Indicate the name of the Bank) shall have the fullest liberty without our consent, and without effecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by IIT Bhubaneswar against the said contractor(s), and to forbear or enforce any of the terms and conditions relating to the said agreement, and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of IIT Bhubaneswar or any indulgence by IIT Bhubaneswar to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. This Guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).
7. Welastly undertake not to revoke this Guarantee except with (indicate the name of the Bank) the previous consent of IIT Bhubaneswar in writing.

8. This Guarantee shall be valid up tounless extended on demand by IIT Bhubaneswar. Notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs (Rupeesonly), and unless a claim in writing is lodged with us within six months of the date of expiry or extended date of expiry of this Guarantee all our liabilities under this Guarantee shall stand discharged.

Dated theday of..... For

(Indicate the name of the Bank)