 <b>Government eProcurement System</b>	<b>eProcurement System Government of India</b>	
	<b>Tender Details</b>	
		Date : 20-Jun-2024 03:53 PM

 Print
**Basic Details**

Organisation Chain	IIT BHUBANESWAR		
Tender Reference Number	IITBBS/SE/Engg.cell/05/2024-25		
Tender ID	2024_IITBR_812700_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**

Offline	S.No	Instrument Type
	1	Bankers Cheque
	2	Demand Draft
	3	FDR

**Cover Details, No. Of Covers - 2**

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Repairing and restoration of BOSCH make Fire Alarm system installed at IIT BHUBANESWAR ARGUL CAMPUS
2	Finance	.xls	BOQ

**Tender Fee Details, [Total Fee in ₹ \* - 0.00]**


Tender Fee in ₹	0.00	
Fee Payable To	Nil	Fee Payable At Nil
Tender Fee Exemption Allowed	No	

**EMD Fee Details**

EMD Amount in ₹	57,595	EMD Exemption Allowed	Yes
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	Repairing and restoration of BOSCH make Fire Alarm system installed at IIT BHUBANESWAR ARGUL CAMPUS				
Work Description	Repairing and restoration of BOSCH make Fire Alarm system installed at IIT BHUBANESWAR ARGUL CAMPUS				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor/Remarks	NA				
Show Tender Value in Public Domain	Yes				
Tender Value in ₹	28,79,773	Product Category	Electrical Works	Sub category	NA

 <b>Contract Type</b>	Tender	<b>Bid Validity(Days)</b>	90	<b>Period Of Work (Days)</b>	90
<b>Location</b>	IIT Bhubaneswar Engineering Section Argul Jatni	<b>Pincode</b>	752050	<b>Pre Bid Meeting Place</b>	NA
<b>Pre Bid Meeting Address</b>	NA	<b>Pre Bid Meeting Date</b>	NA	<b>Bid Opening Place</b>	Engineering Section 3rd floor Main Building
<b>Should Allow NDA Tender</b>	No	<b>Allow Preferential Bidder</b>	No		

**Critical Dates**

<b>Publish Date</b>	20-Jun-2024 04:00 PM	<b>Bid Opening Date</b>	28-Jun-2024 03:00 PM
<b>Document Download / Sale Start Date</b>	20-Jun-2024 04:05 PM	<b>Document Download / Sale End Date</b>	27-Jun-2024 03:00 PM
<b>Clarification Start Date</b>	NA	<b>Clarification End Date</b>	NA
<b>Bid Submission Start Date</b>	20-Jun-2024 04:15 PM	<b>Bid Submission End Date</b>	27-Jun-2024 03:00 PM

**Tender Documents**

NIT Document	S.No	Document Name	Description	Document Size (in KB)	
	1	Tendernotice_1.pdf	Repairing and restoration of BOSCH make Fire Alarm system installed at IIT BHUBANESWAR ARGUL CAMPUS	958.03	
Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_854065.xls	Price BOQ	315.50

**Bid Openers List**

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

**Tender Properties**

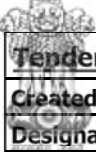
<b>Auto Tendering Process allowed</b>	No	<b>Show Technical bid status</b>	Yes
<b>Show Finance bid status</b>	Yes	<b>Stage to disclose Bid Details in Public Domain</b>	Technical Bid Opening
<b>BoQ Comparative Chart model</b>	Normal	<b>BoQ Comparative chart decimal places</b>	2
<b>BoQ Comparative Chart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

**TIA Undertaking**

S.No	Undertaking to Order	Tender complying with Order	Reason for non compliance of Order
1	<a href="#">PPP-MII Order 2017</a>	Not Applicable	As the fire alarm system installed is of BOSCH make, the repairing and restroration will be done by OEM or authorized service provider of OEM
2	<a href="#">MSEs Order 2012</a>	Agree	

**Tender Inviting Authority**

<b>Name</b>	EE(Electrical)
<b>Address</b>	Main Building Third floor Argul Jatni

 <b>Government eProcurement System</b>	
<b>Tender Creator Details</b>	
<b>Created By</b>	Dipti Ranjan Pattanaik
<b>Designation</b>	Asst Civil Engineer
<b>Created Date</b>	20-Jun-2024 03:44 PM



# **INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR**

## **E-Tendering.**

**Tender document for the work “Repairing & restoration of BOSCH make Fire Alarm system installed at IIT BHUBANESWAR, ARGUL CAMPUS”.**

**TENDER NO. IITBBS/SE/Engg.Cell/05/24-25.**

**DATE: 20.06.2024.**



# INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

CONTENT FOR NIT No. IITBBS/SE/Engg.Cell/05/24-25 Dt.20.06.2024.

**WORK DEATAILS: “Repairing & restoration of BOSCH make Fire Alarm system installed at IIT BHUBANESWAR, ARGUL CAMPUS”.**

SL NO.	DESCRIPTION.	PAGE NO.
1	FRONT COVER.	1
2	INDEX PAGE.	2
3	NOTICE INVITING TENDER.	3-4
4	INFORMATION & INSTRUCTION FOR THE BIDDERS FOR e-TENDERING	5-7
5	TENDER SCHEDULE AS <b>ANNEXURE-I.</b>	8-10
6	DETAILS ABOUT BIDDING AGENCY AS <b>ANNEXURE-II</b>	11
7	DETAILED SCOPE OF WORK AS <b>ANNEXURE-III.</b>	12-13
8	COMMERCIAL & OTHER TERMS & CONDITIONS AS <b>ANNEXURE-IV.</b>	14-18
9	PROFORMA OF SCHEDULES: <b>SCHEDULE A, E, F.</b>	19-21
10	PERCENTAGE RATE TENDER <b>FORM 7.</b>	22-23
11	PERFORMANCE BANK GURANTTEE FORMAT AS <b>ANNEXURE-V.</b>	24-25

This NIT contains **1 to 25 pages** including front cover page & this page.

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



## **NOTICE INVITING TENDER**

No. IITBBS/SE/Engg.Cell/05/24-25

dt.20.06.2024

The Executive Engineer (Elect), 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 “Repairing & restoration of BOSCH make Fire Alarm system installed at IIT BHUBANESWAR, Argul,campus” from the OEM or Authorized service provider of OEM in two bid up to 3.00 P.M. on dt.27.06.2024 as per the attached Annexures (**Annexure-I to Annexure-V**), PROFORMA OF SCHEDULES: SCHEDULE A, E, F, and **FORM-7** for percentage rate tender.

**Name of Work:** “Repairing & restoration of BOSCH make Fire Alarm system installed at IIT BHUBANESWAR, ARGUL CAMPUS”.

<b>1.NIT NO. &amp; Date.</b>	No. IITBBS/SE/Engg.Cell/05/24-25, dt.20.06.2024
<b>2. Name of the Work.</b>	“Repairing & restoration of BOSCH make Fire Alarm system installed at IIT BHUBANESWAR, Argul campus”
<b>3. Location of Work.</b>	SES Building (G+3), SBS Building (G+3), LBC Building (G+3), SMS Building (G+3), SIF Building (G+3), Guest House (G+3) ,D-1 Type Quarter (G+7),D-2 Type Quarter (G+7), MHR Hostel (G+7), SHR Hostel (G+7), Administrative Building (G+5), F-type Quarter (G+7), Community Center (G) at IIT Bhubaneswar, Argul, Jatni, Khordha.
<b>4.Estimated Cost</b>	Rs.28,79,773/- (Including GST)
<b>5.Earnest Money Deposit</b>	Rs. 57,595/- (Refundable but interest-free). Exemption for Micro & Small Enterprises registered under MSME.
<b>6. Security Deposit.</b>	5% of Gross value of the work.
<b>7. Performance Guarantee.</b>	5% of tendered value.
<b>6. Time Limit</b>	3 Month.
<b>7.Tender Basis &amp; Mode</b>	Two bid.
<b>8. Last date &amp; time for online submission of bid</b>	27.06.2024, 3.00 PM.

<b>with other documents as specified in the NIT.</b>	
<b>10. Date &amp; Time for opening of bid.</b>	28.06.2024, 3.00 PM.
<b>11. Engineer In-Charge/Project Head &amp; Contact Details.</b>	Sri Biswaranjan Pradhan, Executive Engineer-Elect, IIT Bhubaneswar. Ph No.9337359826, email ID- <a href="mailto:biswaranjan@iitbbs.ac.in">biswaranjan@iitbbs.ac.in</a>
<b>12. Website details for updated publishing information.</b>	<a href="http://www.iitbbs.ac.in">www.iitbbs.ac.in</a> , <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>
<b>13. Website for tender submission &amp; processing.</b>	<a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>

The bid forms and other details can be obtained from the website [www.iitbbs.ac.in](http://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 (Elect), IIT BBS, on behalf of Director, IIT BBS invites online Percentage rate e-tenders from OEM/Authorized Service provider of OEM (BOSCH Make Addressable Fire Alarm System) having experience in similar work in two bid system as per the following details.

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 time and date of opening of Bid
1	No. IITBBS/SE/Engg.Cell/05/24-25 dt.20.06.2024	"Repairing & restoration of BOSCH make fire alarm system installed at IIT BHUBANESWAR, Argul campus"	Rs. 28,79,773 /-(Including GST)	Rs. 57,595/-	03 Month	Dt. 27.06.2024, 03.00 PM	Dt. 28.06.2024, 03.00 PM

1. Agencies 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 organization.



Similar work shall mean:

Supply, Installation, Testing, Commissioning of BOSCH Make Addressable fire alarm system.

The value of executed works would 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 for bids.

- b. Should have Average Annual Turnover during the last three financial years preceding to the year of tender notification should be equal to or more than the estimated cost (Rs.28,79,773/- inclusive of GST) of the bid for which the bidder has to submit 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 the turnover. Scanned copy of the 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 the bidder 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.
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](http://www.iitbbs.ac.in) , <https://eprocure.gov.in/eprocure/app>.
6. The scanned copy of original EMD (for an amount of Rs. 57,595/-) in the form of Demand Draft or Pay Order of Bankers Cheque or Deposit at call Receipt or Fixed Deposit Receipts of any schedule bank in favour of Registrar, IIT Bhubaneswar payable at Bhubaneswar 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 Electrical Engineer (Elect), IIT Bhubaneswar at Argul before bid submission date.
7. Micro & Small scale enterprise Units who are registered for similar work are exempted from submitting the EMD/ Bid Security as per Govt. Of India order. 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. The 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 may upload Affidavit/Certificate from Chartered Accountant mentioning the Financial Turnover of last 3 years 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 tenderer 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 in this tender document. The time and date of opening of financial bid of the bidders qualifying the technical bid shall be communicated to them at a later date.
13. The Institute reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified bidders, if too many bids are received.
14. 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 proof of completion from the client.
  - III- Authorization from OEM in case of authorized service provider of OEM. The authorization certificate shall be valid till the coverage of the warranty period.
  - IV- Form-7 duly signed & stamped by the bidder.
  - V- Certificate of Financial Turnover from Chartered Accountant.
  - VI- Certificates of EPF & ESIC & supporting up-to date documents.
  - VII- GST registration certificate.
  - VIII- Annexure-II duly signed and stamped by the bidder.

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

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[Print](#)
[Help](#)

Tender Inviting Authority: Executive Engineer, IIT Bhubaneswar

Name of Work: Repairing & restoration of BOSCH make Fire Alarm system installed at IIT BHUBANESWAR.

Contract No: IITBBS/SE/ENGG.CELL/05/2024-25

Name of the Bidder/ Bidding Firm / Company :						
<div>PRICE SCHEDULE</div> <div>(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )</div>						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs.    P	TOTAL AMOUNT With Taxes in Rs.    P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Repairing & restoration of FA panel					
1.01	Repairing & restoration of BOSCH make Fire alarm system installed at IIT Bhubaneswar	1.000	Nos	2879773.00	2879773.00	INR Twenty-eight Lakh Seventy-nine Thousand Seven Hundred & Seventy Three    Only

<b>Total in Figures</b>					<b>2879773.00</b>	INR Twenty-eight Lakh Seventy-nine Thousand Seven Hundred & Seventy Three Only
<b>Quoted Rate in Figures</b>			<b>Select</b>		<b>0.00</b>	INR Zero Only
<b>Quoted Rate in Words</b>		<b>INR Zero Only</b>				

### **Tender Schedule**

<b>Sl No</b>	<b>Description of item</b>	<b>Unit</b>	<b>Qty</b>	<b>Estimated Rate in Rs.</b>	<b>Total Amount in Rs.</b>
1	SITC of BOSCH AVENAR 8000 panel	Nos.	5	58500.00	292500.00
2	SITC of BOSCH AVENAR 2000 panel	Nos.	6	42560.00	255360.00
3	SITC of smoke detector (BOSCH- FAP-OT 420)	Nos.	250	3200.00	800000.00
4	SITC of MCP (BOSCH-FMC-210-DM-G-R)	Nos.	40	3250.00	130000.00
5	SITC of MCP glass	Nos.	80	250.00	20000.00
6	SITC of UPS	Nos.	3	8500.00	25500.00
7	SITC of loop module (BOSCH LSN 300)	Nos.	3	35500.00	106500.00
8	SITC of battery control module suitable for AVENAR 8000 panel	Nos.	3	22342.00	67026.00
9	SITC of strobe light	Nos.	40	3850.00	154000.00
10	SITC of 24Ah battery (Exide Or Equivalent make)	Nos.	28	3200.00	89600.00

11	Testing, checking, trouble shooting of BOSCH Make Fire Alarm System in SES Building, SBS Building, LBC Building, SMS Building, SIF Building, MHR Hostel, SHR Hostel, GUEST HOUSE, COMMUNITY CENTER, Administrative building, F-TYPE Quarter ,D- TYPE Quarters located inside IIT Bhubaneswar campus.	Job	1	500000.00	500000.00
<b>Sub-total</b>					<b>24,40,486.00</b>
<a href="#"><u>GST@18%</u></a>					<b>4,39,287.48</b>
<b>Grand total</b>					<b>28,79,773.48</b>
<b>Or say,</b>					<b>28,79,773.00</b>

Signature of the bidder.

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

**DETAILS ABOUT BIDDING AGENCY**

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

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

(Signature of Authorized Signatory of the bidder)

(Stamp of the Bidder)

**Scope towards “Repairing & restoration of BOSCH make fire alarm system installed at IIT BHUBANESWAR, Argul,campus”**

1. The repairing and restoration work of the BOSCH make fire alarm (FA) system will be carried out by the successful bidder in SES Building, SBS Building, LBC Building, SMS Building, SIF Building, MHR Hostel, SHR Hostel, GUEST HOUSE, COMMUNITY CENTER, Administrative building, F-TYPE Quarter ,D- TYPE Quarters located inside IIT Bhubaneswar campus at Argul, Jatani, Khordha.
2. The agency has to check the FA system of all the above mentioned Buildings thoroughly at site with the help of technically competent team having expertise in troubleshooting of the BOSCH make FA system. The FA system includes all the parts like FA panel, detectors, MCPs, wires, cables, batteries, controls etc.
3. After thorough checking of the FA system, a report shall be submitted to IIT Bhubaneswar for review. The report to be furnished shall include the present status of the FA system & its components.
4. The agency has to supply all the materials as per the tender schedule against the defective/damaged parts & retrofit the same at site in all the Buildings to make the FA system 100% operational.
5. In case extra items beyond the schedule are required at the time of restoration of the FA system, the same shall be replaced by the agency as per actual measurement based on the market rate after taking prior approval of the Institute.
6. After replacement of the defective materials with new ones, the FA system shall be tested & commissioned in presence of the IIT BBS representative for its successful operation.
7. The as built drawings shall be prepared & furnished by the agency to IITBBS.
8. The work includes complete checking, troubleshooting, testing, commissioning & integration of the fire alarm system with the existing lift well pressurization system in all the buildings and integration with the respective AHU units in the Academic Buildings (SES Building, SBS Building, SMS Building, SIF Building & Administrative building)
9. BOSCH fire alarm software installation, re-installation, upgradation if any shall be done by the agency.
10. The detailed scope of work under testing, checking & troubleshooting of the FA system is as below.
  - Checking of all the fire alarm system physically and take point of damage or any issues in the system.
  - Checking of all the detectors connection in the field and also in the panel side.
  - Checking of cause and effect matrix put in FDA system.
  - Testing of all the hooters physically.
  - Checking and testing of all the integration module with fire panel.
  - Checking of all the loop connection inside the panel.
  - After checking and testing, if there is any trouble persists in the system, troubleshooting needs to be carried out according to the troubles showing in the FA panel.
  - After trouble shooting, a brief summary report is to be prepared as per the job done.

11. The agency should arrange all the required tools required during the work execution. All consumables required during the work shall be arranged by the agency at site. Scaffolding/ladders required at the time of execution of the work shall be arranged by the agency.
12. Materials can be stored at the designated place shown by IIT, but the agency should be responsible for the ward & watch for the same. IIT will not be responsible for theft of materials.
13. The source for Power required during work execution will be shown to the agency. However, the tapping arrangement will be done by the agency at their own expenses.
14. Some restrictions may be imposed by the teaching professionals, students and administrative staffs on the working and the movement of labor, material etc. The agency shall bound to follow all such restrictions/ instructions.

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



**COMMERCIAL & OTHER TERMS AND CONDITIONS:**

1. **Scope of work:** Details enclosed as **Annexure-I, Annexure-III, Annexure-IV, Schedule 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 agency 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 competent authority. 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.
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 Bill.
7. The agency 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 materials approved by the Engineer-in-Charge. The materials to be supplied at site must confirm to the relevant IS standard/IEC standard whichever is applicable & must be genuine spare parts and the same shall be used from the manufacturer's recommendation.
9. 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.
10. **Inspection & Tests:**  
The Institute or its representatives shall have the right to inspect and test the items for their conformity to the specifications/standards. The agency has to submit the test certificates of the items to be supplied as desired by the Engineer in-charge. The performance of the FA system in all the buildings will be tested before the Engineer In-charge or his representative after completion of work. The instrument/equipment required for the tests must be arranged by the agency within the contract value.  
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 agency.
11. **Time for completion:**  
Time is the essence of the contract. Entire work shall be completed within 3 months from the date of start of work as defined in **Schedule "F"**.

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

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

**12. Terms of Payment:**

- a- No advance payment will be made to the agency.
- b- The initial payment will be made after supply of the items at site as per the schedule against submission of original tax invoice within 30 days from the date of submission of original tax invoice as per the following.
  - i-Maximum 70% of the invoice value against each supplied items of the tender schedule will be released subject to delivery of the items at site & the same in no case shall exceed 60% of the awarded value of individual items.
  - ii-The remaining amount for the work will be released against final bill after successful installation, testing & commissioning of the whole system deducting 5% of the final invoice amount as security deposit as per **schedule-F** from the final bill.

**13. Deviation of quantity/item/Non-Schedule items:**

The rates for the non-scheduled items or Extra items (Not mentioned in **Annexure-I**) required during the restoration of the FA system will be finalized based on the market rate analysis. The rates for the scheduled items beyond the schedule quantity shall be determined as per the proforma of **schedule-F**.

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

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

16. **Performance Security:** 5% of Tendered value shall be deposited by the successful bidder in the form of Demand Draft drawn in favour 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-V** in favour of Registrar IIT Bhubaneswar within the period specified in **Schedule-F**. In case the agency fails to deposit the said performance Security within the period as indicated in **Schedule 'F'** including the extended period, if any, EMD will be forfeited automatically without any notice to the agency. The Performance Security amount will be released after successful completion of the work on written request from the agency within 2 months after completion of the work. In case the time for completion of work gets enlarged, the agency shall get the validity of Performance Security 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 Security. 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 Security will 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 Security shall stand forfeited in full and shall be absolutely at the disposal of the Director, IIT Bhubaneswar.

The time allowed for submission of the performance Security 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 agency 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 Security Amount. If the bidder still fails to deposit the performance Security 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.

**17. 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 bid of the successful bidder, whichever is earlier. Earnest money of the successful bidder shall be refunded on receipt of Performance Security submitted on award of LOI/LOA.

**18. 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 agency has to replace/repair the defective material free of cost, failing which equivalent amount will be deducted from Security deposit.

**19. 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 14 months from successful completion of the work to the satisfaction of the Engineer in-charge.

**20. Liquidated Damage:**

i-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 for the incomplete work subject to maximum 10% of Contract value. If the FA system will not be made ready in all respect in any of the Building, the same will be treated as incomplete part & LD will be applicable for the same.

ii-In the event of delay due to Force Majeure causes resulting in the extension of the completion schedule for a length of time equal to the period of force majeure, the LD will not be applicable for the said period.

iii-If the delay is not attributable to the agency, the LD will not be imposed on the agency in which case, the agency has to submit the evidence in written form to the Engineer-in-charge during any hindrance seeking extension of time.

**21.** 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.

**22.** 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**.

**23. Place of Work:** The entire work is to be completed at IIT Bhubaneswar campus at Argul, Jatani.

**24.** Lodging, Boarding & fooding during the work execution will be the responsibility of the agency.

25. **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 water and Electricity point will only be shown to the agency from where necessary tapping can be made by the contractor at the time of work execution.
26. **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 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.
27. IIT will not be responsible or liable in case of any accidental injury to the personnel of the agency at work site or to the general public at work site due to mishandling/improper work execution by the personnel of the contractor. Workmen compensation, PF, ESI of the employees shall be taken care by the contractor.
28. After completion of work, area to be thoroughly cleaned by the contractor and the waste are to be taken out through proper waste management.
29. It will be the sole responsibility of the agency 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.
30. The agency 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 agency without any extra cost. In case, the rectification will not be done by the agency, equivalent amount as assessed by the Engineer in-charge will be deducted from the Bill. The cost for the same will be assessed by tender accepting authority and will be limited to the tendered amount.
31. **Engineer & Workmanship:** The Engineer/Supervisor/Technician/Helper to be deployed at site must have experience in execution of similar work. The engineer/Supervisor, Technician & helper must be deployed during execution of the work. However, if the Institute feels to replace any of the person to be replaced because of any reason, the same must be done by the agency on intimation from IIT BBS.
32. **Gate Pass:** The agency must issue/ submit ID proof of all the workers to be deployed at site for entry pass at the time of entry.
33. **Risk Purchase:**

In the event of failure of the agency 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/incomplete works are attended 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 agency.

**34. Personal Accident Insurance:**

The employees of the agency 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 agency 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.

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

36. Corrigendum /Addendum notice if any, will only be uploaded in the web site of IIT Bhubaneswar [www.iitbbs.ac.in](http://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.

**37. Force majeure:**

The agency shall not be considered in default if delay in completion of work occurs due to causes beyond its control including but not limited to cause such as acts of God, natural calamities, civil wars, fire, strike, frost, floods, riots and acts of unsurpassed power etc. The agency shall notify the Engineer-in-charge in writing within Seven days from the date of such occurrence. In the event of delay due to such causes, the completion schedule will be extended for a length of time equal to the period of force majeure.

38. **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 AGENCY

(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 2020 (for Maintenance Works) amended upto date of call of bid.

Name of work: **"Repairing & restoration of BOSCH make fire alarm system installed at IIT BHUBANESWAR, Argul,campus"**

Estimated cost of work: Rs 28,79,773 (Including GST)

- (i) Earnest money: Rs. 57,595/- (to be returned without any interest after receiving performance Security, Not applicable for Micro, Small & Medium enterprises as per tender conditions. Refer clause No.16 of COMMERCIAL & OTHER TERMS AND CONDITIONS of **Annexure-IV**).
- (ii) Performance Security: 5% of tendered value.
- (iii) Security Deposit: 5% of Gross value of the work.

### **SCHEDULE 'F'**

<b>GENERAL RULES &amp; DIRECTIONS:</b>		
1.	Officer inviting tender	<b>The Executive Engineer-Elect, IIT Bhubaneswar</b>
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	<b>No limit</b>
3.	Definitions:	
a)	Engineer-in-Charge/ Project-in-charge	<b>Executive Engineer-Elect, IIT Bhubaneswar</b>
b)	Accepting Authority	<b>The Executive Engineer.</b>
c)	Standard Schedule of Rates	<b>Market Rate</b>
d)	Department	<b>Indian Institute of Technology, Bhubaneswar</b>
e)	Contract Form:	<b>CPWD GCC 2020, CPWD Form 7/ 8 as modified &amp; corrected upto date of call of bid.</b>
4.	<b>Clause 1</b>	
	(i) Time allowed for submission of Performance Security.	<b>10 (Ten) days from date of issue of letter of Acceptance/LOI.</b>
	ii) Maximum allowable extension with late fee @ 0.1% per day of Performance Security amount beyond the period provided in (i) above	<b>1(One) to 15 (Fifteen) days</b>
5.	<b>Clause 2</b>	

	Authority for fixing compensation under clause 2	<b>The Executive Engineer.</b>
6.	<b>Clause 5</b>	
	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	<b>3 (Three) Months.</b>
8.	Authority to decide:	
	(i) Extension of time:	<b>The Executive Engineer.</b>
	(ii) Rescheduling of mile stones:	<b>NA.</b>
	(iii) Shifting of date of start in case of delay in handing over of site:	<b>The Executive Engineer.</b>
9.	<b>Clause 10A</b>	
	List of testing equipment to be provided by the agency.	<b>As Required for the work.</b>
11.	<b>Clause 11</b>	
	Specifications to be followed for execution of work	As per the attached schedule <b>Annexure-I</b> , detailed scope <b>Annexure-III &amp; shall comply respective IS standard.</b>
12.	<b>Clause 12</b>	
	Authority to decide deviation of quantity of the schedule items.	<b>The Executive Engineer.</b>
13.	<b>Clause 12.2 &amp; 12.3</b>	
	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply.	No limit.
14.	<b>Clause 16</b>	
	Competent Authority for deciding reduced rates	<b>The Executive Engineer.</b>
15.	<b>Clause 18</b>	
	List of mandatory machinery, tools & plants to be deployed by the contractor at site.	All tools and plants necessary for <b>“Repairing &amp; restoration of BOSCH make Fire Alarm system installed at IIT Bhubaneswar, Argul, Campus”</b> . Necessary testing equipment shall be arranged at site by the agency.
16.	<b>Clause 19 C</b>	
	Authority to decide penalty for each default	<b>The Executive Engineer.</b>

17.	<b>Clause 19 D</b>	
	Authority to decide penalty for each default	<b>The Executive Engineer.</b>
18.	<b>Clause 19 G</b>	
	Authority to decide penalty for each default	<b>The Executive Engineer.</b>
19.	<b>Clause 19 K</b>	
	Authority to decide penalty for each default	<b>The Executive Engineer.</b>



## **FORM-7**

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

### **Percentage Rate Tender & Contract for Works.**

(A) Tender for the work of: **“Repairing & restoration of BOSCH make Fire Alarm system installed at IIT Bhubaneswar, Argul, Campus”**

- (i) To be uploaded by 15.00 hours on 27.06.2024.  
Upload at <https://eprocure.gov.in/eprocure/app>
- (ii) To be opened in presence of tenderers who may be present at 15:00 hours on 28.06.2024 in the office of Superintending Engineer, IIT Bhubaneswar.

### **TENDER**

I/We have read and examined the notice inviting tender, schedule, A, E & F Specifications applicable, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, 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 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.57,595/- 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 Security 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

Witness:

Postal Address.

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 between .....and ..... (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. We .....lastly 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 to .....unless extended on demand by IIT Bhubaneswar. Notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs ..... (Rupees .....only), 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 the .....day of..... For .....

(Indicate the name of the Bank)