 <b>Government eProcurement System</b>	<b>eProcurement System Government of India</b>
<b>Tender Details</b>	
Date : 26-Aug-2024 05:08 PM	

 Print**Basic Details**

Organisation Chain	IIT BHUBANESWAR		
Tender Reference Number	IITBBS/SE/Engg.Cell/10/2024-25		
Tender ID	2024_IITBR_822913_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	Demand Draft
	2	FDR

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

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Technical bid
2	Finance	.xls	Financial Bid

**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 ₹	22,308	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	Civil works				
Work Description	Miscellaneous works including repair and painting work of SIF CDC cell of Main Building and other academic buildings inside IIT Bhubaneswar at Argul				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor/Remarks	NA				
Show Tender Value in Public Domain	Yes				
Tender Value in ₹	11,15,354	Product Category	Civil Works	Sub category	NA
Contract Type	Rate Contract	Bid Validity(Days)	120	Period Of Work (Days)	60
Location	Engineering Section IIT Bhuabneswar	Pincode	752050	Pre Bid Meeting Place	Engineering Section
Pre Bid Meeting Address	Engineering Section IIT Bhubaneswar 3rd floor Main Building Jatni	Pre Bid Meeting Date	02-Sep-2024 11:30	Bid Opening Place	Engineering Section IIT Bhubaneswar

 <b>Government of India</b> <b>eProcurement System</b>	Khordha	AM
	Should Allow NDA Tender	No

<b>Publish Date</b>	26-Aug-2024 06:00 PM	<b>Bid Opening Date</b>	10-Sep-2024 02:30 PM
<b>Document Download / Sale Start Date</b>	26-Aug-2024 06:10 PM	<b>Document Download / Sale End Date</b>	09-Sep-2024 02:00 PM
<b>Clarification Start Date</b>	NA	<b>Clarification End Date</b>	NA
<b>Bid Submission Start Date</b>	27-Aug-2024 10:30 AM	<b>Bid Submission End Date</b>	09-Sep-2024 02:00 PM

Tender Documents					
NIT Document	S.No	Document Name	Description	Document Size (in KB)	
	1	Tendernotice_1.pdf	NIT	1791.80	
Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_864801.xls	Price Bid	403.00

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 PATTANAIAK
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>	Agree	
2	<a href="#">MSEs Order 2012</a>	Agree	

Tender Inviting Authority	
<b>Name</b>	EE(Civil)
<b>Address</b>	Engineering Section IIT Bhubaneswar 3rd floor Main Building Jatni Khordha

Tender Creator Details	
<b>Created By</b>	Dipti Ranjan Pattanaik
<b>Designation</b>	Asst Civil Engineer
<b>Created Date</b>	26-Aug-2024 04:06 PM



**INDEX**

**Name of Work: Miscellaneous works including repair and painting work of SIF, CDC cell of Main Building and other academic buildings inside IIT Bhubaneswar at Argul.**

Sl. No.	Description	Page
1	Index Page	<b>1</b>
2	Notice inviting E-tenders	<b>2</b>
3	<b>PART-A</b>	<b>3</b>
4	Information and e-Tendering for Contractors	<b>4-6</b>
5	Notice Inviting Tenders (Form CPWD-6)	<b>7-10</b>
6	Tender (Form CPWD-7/8 for agreement)	<b>11-12</b>
7.	Scope of work	<b>13-14</b>
8.	Proforma of schedule	<b>15-17</b>
9	Salient/Mandatory requirement for tender	<b>18</b>
10	<b>PART-B</b>	<b>19</b>
11	Additional terms and conditions	<b>20-22</b>
12	Special Condition for Material	<b>23</b>
13.	Additional conditions	<b>24-26</b>
14	General Specifications for Civil Works	<b>27-28</b>
15.	Approved make list of materials (Annexure-A)	<b>29</b>
16.	Vendor Master Form	<b>30</b>
17.	Detailed about bidding agency (Schedule-B)	<b>31</b>
18.	Financial strength of the organisation for the last 3 years (Schedule-C)	<b>32</b>
19	BOQ	<b>33-57</b>

**NIT amounting to Rs.11,15,354.88 (Rupees eleven lakhs fifteen thousand three hundred fifty four and paise eighty eight) only is approved.**

**[Certified that this N.I.T. contains 32 pages + BOQ contains 25pages Total 57 pages only].**

**Executive Engineer(Civil)  
IIT Bhubaneswar**



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

INDIAN INSTITUTE OF TECHNOLOGY  
BHUBANESWAR  
ENGINEERING SECTION

**Notice Inviting e-Tenders No. IITBBS/SE/Engg.Cell/10/2024-25**

The Executive Engineer, IIT Bhubaneswar on behalf of Director (IIT Bhubaneswar) invites online percentage rate tender on Two Bid system from contractors with experience of Similar Works at Government Organisations, PSUs, Local bodies with minimum qualifying criterial for the following work:

NIT No. IITBBS/SE/Engg.Cell/10/2024-25,

Name of work: Miscellaneous works including repair and painting work of SIF, CDC cell of Main Building and other academic buildings inside IIT Bhubaneswar at Argul.

Estimated cost **Rs.11,15,354.88 (excluding GST).**

Earnest money Rs. 22,308/-,

Period of completion 2 months,

Last time & dated of submission of bid 2.00PM on 09.09.2024

The bid forms and other details are available on website [www.iitbbs.ac.in](http://www.iitbbs.ac.in) & [www.tenderhome.com](http://www.tenderhome.com). But the bids can only be submitted online on <https://eprocure.gov.in/eprocure/app>.

No. IITBBS/SE/Engg.Cell/10/2024-25 Dated: 26.08.2024

Executive Engineer (Civil)



# ***PART-A***



# भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

## Indian Institute of Technology Bhubaneswar

### INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e- TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE

The Executive Engineer, IIT Bhubaneswar on behalf of Director (IIT Bhubaneswar) invites online percentage rate tender from approved and eligible\* contractors for the following work(s):

S. No.	Name of work and location	Estimated cost put to Tender (excluding GST). (in Rs.)	Earnest Money	Period of Completion	Last date & time of submission of tender	Period during which EMD, and other Documents shall be submitted in hard copy	Time & date of opening of tender
1	Miscellaneous works including repair and painting work of SIF, CDC cell of Main Building and other academic buildings inside IIT Bhubaneswar at Argul	11,15,354.88	22,308/-	2 months	Up to 2:00 PM on 09.09.2024	Date and time of submission of hard copy tender with EMD up to 2:00 PM on 09.09.2024	At 2:30 PM on 10.09.2024

The eligible contractors mean contractor having experience of similar works\* at Government Organisations/ PSUs/ Local bodies if they furnish the definite proof of having satisfactorily completion from the appropriate authority for three similar works of value 40% or two similar works of value 60% or one similar work of value 80% of estimated cost during last seven years.



# भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

## Indian Institute of Technology Bhubaneswar

1. The intending tenderer must read the terms and conditions of e-Tendering carefully. The tenderer should only submit their tender if they consider themselves eligible and is in possession of all the required documents in support of their qualification.
2. Information and Instructions for tenderer posted on website shall form part of tender document.
3. The tender document consisting of plans, specifications, the schedule of quantities of various types of items to be executed, terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded either from website [www.iitbbs.ac.in](http://www.iitbbs.ac.in) or <https://eprocure.gov.in/eprocure/app> and shall be submitted online through website <https://eprocure.gov.in/eprocure/app>.
4. The tender can only be submitted after uploading the mandatory scanned documents as per list given below.
5. The intending tenderer has to fill all the details of EMD such as multiple Demand Draft/ Fixed Deposit Receipts amount and date.

The intending tenderer can pay the amount of EMD through Multiple Demand Draft/ Fixed Deposit Receipts from any Scheduled Bank. Submission of EMD is waived off for agencies registered with MSME for the relevant works.

6. Those contractors who have not registered in the website mentioned above, are required to get registered beforehand. If needed they can be imparted training about online bidding process as per details available on the website.
7. The intending tenderer must have valid class-III digital signature to submit the tender.
8. Contractor can upload documents in the form of JPG format and PDF format.



**List of Documents to be scanned and uploaded within the period of tender submission:**

1. Copy of Relevant Registration with the concerned Govt. Department.
2. Required Experience / completion certificates of similar nature of works.
3. Certificate of EPF with latest EPF slip deposit & ESIC.
3. Scan copy of E.M.D. as to be submitted in hard copy.
4. Registration Certificate of GST No.





# भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

The Executive Engineer, IIT Bhubaneswar on behalf of Director (IIT Bhubaneswar) invites online percentage rate tenders from approved and eligible Contractors for the works of **Miscellaneous works including repair and painting work of SIF, CDC cell of Main Building and other academic buildings inside IIT Bhubaneswar at Argul.**

## CPWD-6 FORM e-Tendering

- 1 The work is estimated to **Rs.11,15,354.88 (excluding GST)**. This estimate, however, is given merely as a rough guide. The quoted rates should be without GST and GST as per norm will be reimbursed after submission of proof of actual payment & Tax Invoice.
- 2 **Criteria of eligibility: The Intending Bidder should qualify technically for all of the following criteria for being eligible to participate in the Financial Bid Opening Process.**
  - A. The eligible contractors mean contractors should have experience of Similar Works\* in Government Organisations, PSUs, Local bodies etc. The bidder has to submit definite proof from the appropriate authority of having satisfactorily completed any of the following:
    - (i) 3 (three) similar works\* of value **40%** of estimated cost during last seven years  
or
    - (ii) 2 (two) similar works\* of value **60 %** of estimated cost during last seven years  
or
    - (iii) 1 (one) similar work\* of value **80%** of estimated cost during last seven years.

\* Similar works means civil construction and / or repair maintenance work (Painting).
  - B. Registration with GST Authorities. Bidder has to submit proof of valid registration documents.
  - C. Average annual financial turn over during the immediate last 3 consecutive financial years should be at least 75% percent of the estimated cost of the above work.
  - D. The agency should not have suffered any financial losses during last 3 Financial Years.
  - E. Agencies that are debarred or blacklisted by any Govt. Departments are not eligible to participate in the tender. A undertaking is to be submitted along with the bid by the bidders to the effect that they are not debarred or blacklisted by any Govt. Department. In case, it is found at later stage that the bidder is a blacklisted company declared by any Govt. Department then the works shall be withdrawn, and EMD/bid security will be forfeited.
  - F.



# भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

## Indian Institute of Technology Bhubaneswar

The list of black listed/banned contractors of the Institute is given below.

Sl No.	Name of the Vendor/Contractor	Period of banned
01.	M/s. Lalit Mohan Nanda 21ACZPN4861B1ZI	2 years with effect from 28.05.2024
02.	M/s. Siddhiksha Powertech GST No. 19BIIPP2872A1Z7	2 years with effect from 06.08.2024

4. Agreement shall be drawn with the successful tenderers on prescribed Form No. CPWD 7 (or other Standard Form as mentioned in this tender documents). Tenderers shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
5. The time allowed for carrying out the work will be **2 months from** the date of start from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
6. The tender document consisting of plans, specifications, the 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 except Standard General Conditions of Contract Form can be seen on website [www.iitbbs.ac.in](http://www.iitbbs.ac.in) and shall be submitted online on website [www.eprocure.gov.in](http://www.eprocure.gov.in) . Other necessary documents also can be seen in the office of the Executive Engineer, Engineering Section, IIT Bhubaneswar between hours of 10:00 AM to 5:00 PM on any working day.
7. After submission of the tender, the contractor can re-submit revised tender any number of times but before last time and date of submission of tender as notified.
8. The amount of EMD can be paid by multiple Demand Draft/ Fixed Deposit Receipts of any Scheduled Bank drawn in favour of **Registrar, IIT Bhubaneswar**. EMD shall be placed in single sealed envelope superscripted as “Earnest Money” with name of work and due date of opening of the tender also mentioned thereon. Copy of Enlistment Order and certificate of work experience wherever applicable and other documents if required and specified in this bid document shall be scanned and uploaded in the e-Tendering website within the period of tender submission and certified copy of each shall be deposited in a separate envelope marked as “Other Documents” in the office of Executive Engineer, IIT Bhubaneswar, Argul up to 2.00 P M on **09.09.2024**.

The envelope containing EMD shall be submitted in the office of Executive Engineer, IIT Bhubaneswar, Argul before the last date & time of submission of tender. Online tender documents submitted by intending tenderers shall be opened only for those tenderers, who have submitted Earnest Money Deposit, other documents as per the tender requirement and are found in order.

The tender submitted shall be opened at 02:30 PM on **10.09.2024**. EMD will be adjusted against security deposit & will be released after completion of defect liability period

9. The tender submitted shall become invalid if:
  - (i) The tenderers are found ineligible.



# भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

## Indian Institute of Technology Bhubaneswar

- (ii) The tenderer does not upload all the documents as stipulated in the tender document.
  - (iii) If any discrepancy is noticed in the documents uploaded at the time of submission of tender and hard copies as submitted physically in the office of tender opening authority.
10. The contractor whose tender is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the tendered amount within the period specified in **Schedule E**. This guarantee shall be Deposited through Multiple Demand Draft/ Fixed Deposit Receipts/ Bank Guarantee of any Scheduled Bank in accordance with the prescribed form. **In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'E', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.**
  11. Intending Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderers 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 tenderers shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by tenderers implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work and local conditions and other factors having a bearing on the execution of the work.
  12. The competent authority on behalf of the Director (IIT Bhubaneswar) does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without assigning any reason there to. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderers shall be summarily rejected.
  13. Canvassing whether directly or indirectly, in connection with tenderers is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.
  14. The competent authority on behalf of Director (IIT Bhubaneswar) reserves to himself the right of accepting the whole or any part of the tender and the tenderers shall be bound to perform the same at the rate quoted.
  15. The contractor shall not be permitted to tender for works in the IIT Bhubaneswar responsible for award and execution of contracts, in which his near relative is posted in Accounts Section or as an officer in any capacity between the grades of Executive Engineer and Junior Engineer (both inclusive). He shall also intimate the names of



persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the IIT Bhubaneswar. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

16. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.
  17. The tender for the work shall remain valid for acceptance for a period of **one hundred twenty (120) days from** the date of opening of tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Department shall, without prejudice to any other right or remedy, be at liberty to forfeit earnest money as aforesaid. Further the tenderers shall not be allowed to participate in the retendering process of the work.
  18. This Notice Inviting Tender shall form a part of the work order/Agreement.
    - a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as uploaded at the time of invitation of tender and the rates quoted online at the time of submission of tender and acceptance thereof together with any correspondence leading thereto.
    - b) Standard C.P.W.D. Form 7 or other Standard C.P.W.D. Form as applicable.
- 20.1.1. The tender document will include following three components:

**Part A:-**

CPWD-6, CPWD-7 including schedule A to F for the major component of the work, Standard General Conditions of Contract for CPWD 2023 as amended/modified up to date.

**Part B:-**

General/specific conditions, specifications and schedule of quantities applicable to major components of the work.

**Part C:-** Schedule A to F for minor component of the work. (SE/EE in charge of major component shall also be competent authority under **clause 2** and **clause 5** as mentioned in schedule A to F for major components), General/specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.



# भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

CPWD Form-7/8 for Agreement

## INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Tender for the work of .....

(i) To be Submitted/uploaded by..... hours on .....  
To...../upload at <https://eprocure.gov.in>

(ii) To be opened in presence of tenderers who may be present at ..... hours on  
..... in the office of .....

### TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F Specifications applicable, Drawings & Designs, 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 for the Institute within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to 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 ..... days from the due date of its opening in case of single bid system ..... from the date of opening of technical bid in case tenders are invited on 2 /3 bid/ system for specialised work and not to make any modification in its terms and conditions.

I/We have deposited EMD for the prescribed amount in the office of concerned Executive Engineer as per the bid document.

A copy of earnest money deposit receipt of prescribed amount deposited in the form of Multiple Demand Draft/ Fixed Deposit Receipts (as prescribed) issued by a Commercial Bank, is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the Executive Engineer 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 work as specified, I/ We agree that Executive Engineer or the 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



# भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

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 for 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 Department, then I/We shall be debarred for tendering in IIT Bhubaneswar in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings 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 & integrity of IIT Bhubaneswar.

Dated

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

## **ACCEPTANCE**

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 Bhubaneswar

Dated:

Signatures .....

Designation .....



## **SCOPE OF WORK**

The scope of the work includes but not limited to the followings.

1. The work will be executed in School of Infrastructure, Main building, old Engineering Section building, SBS building and other buildings of IIT Bhubaneswar.
2. The work will be executed inside different buildings of IIT Bhubaneswar campus at Argul.
3. The agency has to make their own arrangement for all materials, manpower, staging etc. to complete the work in all respect.
4. The agency has to submit the samples of all materials to be used as early as possible after getting the LOI to take the approval from the Institute.
5. The agency shall submit the relevant details of manpower to be engaged for the work before start of the work for issuance of gate pass.

The stages of major works are described below.

6. Painting:
  - The agency has to make his own arrangement and cover the equipment, tables inside the room with protective covers to avoid the contact of paint on the equipment / tables etc.
  - The agency has to rub the wall / ceiling surface for removal of fungus / strains including cleaning the wall / ceiling surface with soapy water.
  - Then primer coat to be applied over the wall / ceiling surface.
  - After drying of primer, one coat of anti-fungal paint to be applied and the second coat to be applied only after drying of first coat to give an even shade of paint surface.
  - The paint strains on the floor, skirting, door / window & frames etc. to be removed and cleaned as before.
  - The agency and show to site Engineer after completion of each stage of the work.
  - The primer, putty and one / two or more coat of paint to be done as per the BOQ and direction of Engineer-in-charge or his representative.
7. Enamel painting:

The agency has to make his own arrangement and cover the equipment, tables inside the room with protective covers to avoid the contact of paint on the equipment / tables etc.

  - The agency has to rub the surface with sand papers for removal of strains.
  - The enamel paints are to be painted over the MS / FRP pipe surfaces of
  - The paint strains on the floor, skirting, door / window & frames etc. to be removed and cleaned as before.



8. Fixing of wall / floor tile:

- The agency has to scratch the wall / floor surface and remove if any paint applied on the wall surface.
- The wall tiles are to be fixed as per specifications.

9. Fixing of false ceiling:

- The agency has to make necessary arrangement for scaffolding which is included in the cost of false ceiling.
- Before starting of work, level marking for the ceiling work to be done in consultation with Engineer-in-charge or his representative.
- The approved make materials and frames are to be used for false ceiling following the fixing methodology specified by the manufacture.

10. Steel work:

- The agency has to use the approved make MS sections.
- The proper welding to be done at the joints and a coat of primer to be provided which is included in the cost of the steel work.

11. The agency has to make a register to enter the materials coming to the site for execution with invoices with intimation to the representative of Engineer-in-charge to verify the material uses at any time is required. The agency will also submit the MTC and other test reports if required, by the Institute.

12. The agency has to plan & intimate in advance to take up the work in respective areas.

13. The work shall be executed as per latest CPWD specification / latest IS codes / BOQ description/instruction of Engineer-in-charge.





# भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

## PROFORMA OF SCHEDULES

The amendments of schedules as per CPWD GCC 2023 for maintenance work is described below:

### SCHEDULE 'A'

Schedule of Quantities:

Page 33 to 57

### SCHEDULE 'E'

Reference to General Conditions of contract

Name of Work:		
Estimated cost of the work:	Civil Work	Rs. 11,15,354.88
Earnest money	Rs. 22,308/-	
Performance Guarantee and LOI	5% of the tendered value of the composite work will be deposited as Performance Security. The performance security shall be refunded after satisfactory completion of the work and recording of the completion certificate. If the bidder quoted below 10% than the estimated cost the bidder has to deposit additional performance security on the differential amount between the quoted amount and 10% of the estimated cost. The agency has to visit the site and attend the office for a meeting to start the work within seven days of issue of Letter of Intent.	
Security Deposit	Security deposit @ 5% of the gross amount of the bill shall be deducted from all running account and final bills and will be kept as security deposit in IIT Bhubaneswar. S.D can be released after completion of the defect liability period from the date of completion of work.	

### SCHEDULE 'F'

General rules and direction:

Officer inviting tender

Executive Engineer,  
Engineering Section  
IIT Bhubaneswar



# भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

## Indian Institute of Technology Bhubaneswar

Maximum percentage of quantity of items of work to be executed beyond which rates are to be determined in accordance with Clause 12.2.& 12.3 :

**Not Applicable & Accepted Rate will be constant for any quantum of variation**

### Definitions:

2(vi)	Engineer-in-Charge	Executive Engineer, Engineering Section IIT Bhubaneswar
2(viii)	Accepting Authority	Executive Engineer, Engineering Section IIT Bhubaneswar
2(x)	Percentage on cost of materials and labour	15%
	To cover all overheads and profits	
2(x)(a)	Standard Schedule of Rates	DSR' 2021
2(xi)	Department:	IIT Bhubaneswar.
9(ii)	Standard CPWD contract Form:	GCC 2023, CPWD <b>form-7/8</b> as modified corrected up to the date of NIT.

### Clause-1

- Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance: **7 days**.
- Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount including the time allowed in (i) above: **15 days**.

### Authority to decide:

- Extension of time: Executive Engineer
- Rescheduling of milestone: Executive Engineer
- Shifting of date of start in case of delay in handing over of site: Executive Engineer

### Clause 6

Computerised Measure Book (CMB) / Manual Measurement Book (MB)

- Mode of measurement : CMB / MB



# भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

## Indian Institute of Technology Bhubaneswar

### Clause 7

Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment

**Rs.2.5 Lakhs**

### Clause 10B (ii)

Whether Clause 10B (ii) shall be applicable

No

### Clause 10 C

Component of labour expressed as percent of value of work

30%

### Clause 10 CC

Not Applicable

### Clause 11

Specifications to be followed for execution of work

CPWD specification 2019 (Vol-I & II)  
& details described in the BOQ

<b>Clause 16</b>	<b>Competent Authority for Deciding reduced rates:</b>	<b>Executive Engineer, Engineering Section IIT Bhubaneswar</b>
<b>Clause 17</b>	Contractor Liable for Damages, defects during defect liability Period	<b>12 Months from the date of completion of work.</b>
<b>Clause 18</b>	List of mandatory machinery, tools & plants to be deployed by the contractor at site.	<b>As required for the work.</b>

### Clause 32

For supervision of civil as well as electrical items of work, technical representatives of the respective disciplines will be required to be deployed.



## SALIENT/MANDATORY REQUIREMENTS FOR THE TENDER

- 1 The tenderer is advised to read and examine the tender documents for the work and the set of drawings available with Engineer-in-charge. He should inspect and examine the site and its surroundings by himself before submitting his tender.
- 2 Separate schedule of quantity is included in this tender for civil and electrical items of work. If the tenderer wants to offer any unconditional rebates on their rates, the same should also be offered in the respective components of civil and electrical schedule separately. The contractor shall quote the percentage rates in figures and words accurately so that there is no discrepancy in rates written in figures and words.
- 3 Time allowed for the execution of work is **02 months**.
- 4 Quality of the project is of utmost importance. This shall be adhered to in accordance with the provisions of CPWD specifications and guidelines given in the relevant paras.
- 6 Contractor has to deploy required Plant and machinery on the project. In case the contractor fails to deploy the plant and machinery whenever required and as per the direction of the Engineer-in-charge, he (Engineer-in-charge) shall be at a liberty to get the same deployed at the risk and cost of the contractor.
- 7 The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract and the Executive Engineer/Executive Engineer may in his discretion, without prejudice to any other right or remedy available in law, cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.
- 8 For maintenance work inside a building, the electricity and water supply sources will be provided by the Institute from the nearest building or available sources.
- 9 Contractors may attend the Pre-bid meeting on **02.09.2024 at 11.30AM** at Engineering section Meeting Room, 3rd floor, Main Building, IIT Bhubaneswar.
10. Intending bidders may also attend the Pre Bid meeting through Video Conference. Interested bidders are requested to send their query electronically to the email id [se.office@iitbbs.ac.in](mailto:se.office@iitbbs.ac.in) and [diptiranjana@iitbbs.ac.in](mailto:diptiranjana@iitbbs.ac.in) with advance intimation and obtaining the link to attend the Video Conference.
11. The initial qualification of bidder will be based on the fulfilment of qualifying criteria mentioned elsewhere in this document.
12. The Engineer-in-charge can reduce the scope of work



# ***PART-B***



### ADDITIONAL TERMS AND CONDITIONS

- 1 Unless otherwise provided in the Schedule of Quantities/Specifications, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the work and nothing extra shall be payable to him on account of the same.
- 2 Other agencies doing works related with this project may also simultaneously execute their works and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, openings etc. for laying/burying in the work, pipes cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for the other agencies. Nothing extra over the Agreement rates shall be paid for doing these.
- 3 Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials etc. The contractor may provide the list of workers engaged for the construction work along with their valid government address proof for issue of gate pass for the scheduled period of the work. The contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on account of the same.
- 4.1 The building work shall be carried out in the manner complying in all respects with the requirements of the relevant bylaws and regulations of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-charge and nothing extra shall be paid on this account.
- 5 If as per authority, huts for labour are not to be erected at the site of work, the contractor shall be required to provide such accommodation at a place as is acceptable to the local body and nothing extra shall be paid on this account.
- 6.1 For the purpose of recording measurements and preparing running account bills, the abbreviated nomenclature indicated in the publications Abbreviated Nomenclature of Items of DSR 2021 shall be accepted. The abbreviated nomenclature shall be taken to cover all the materials and operations as per the complete nomenclature of the relevant items in the agreement and relevant specifications.
- 6.2 The GST No. of IIT Bhubaneswar i.e. **21AAAI2760A1ZJ** to be written in each invoice / bill submitted by the contractor. The GST amount will be released by the Institute after submission of proof of GST payment. In case of items for which abbreviated nomenclature is not available in the aforesaid publication and also in case of extra and substituted items for which abbreviated nomenclature are not provided for in the agreement, full nomenclature of item shall be reproduced in the measurement books and bill forms for running account bills.



- 6.3 For the final bill, however, full nomenclature of all the items shall be adopted in preparing abstract in the measurement books and in the bill forms.
- 7 The contractor shall take instructions from the Engineer-in-charge for stacking of materials. No excavated earth or building materials etc. shall be stacked/collected in areas where other buildings, roads, services, compound walls etc. are to be constructed.
- 8 Any trenching and digging for laying sewer lines/water lines/cables etc. shall be commenced by the contractor only when all men, machineries and materials have been arranged and closing of the trench(s) thereafter shall be ensured within the least possible time.
- 9 It shall be ensured by the contractor that no electric live wire is left exposed or unattended to avoid any accidents in this regard.
- 10 In case the supply of timber/steel frames/shutters for doors, windows etc. is made by some other agency, the contractor shall make necessary arrangements for their safe custody on the direction of the Engineer-in-charge till the same are fixed in position by him & nothing extra shall be paid on this account.
11. The contractor shall maintain in perfect condition, all portions executed till completion of the entire work allotted to him. Where however phased delivery of work is contemplated these provisions shall apply separately to each phase.
12. The contractor shall submit the proof of payment of royalty on sand, chips etc or valid transit pass, royalty as applicable.
- 13.1 The contractor shall bear all incidental charges for cartage, storage and safe custody of materials issued by the departments and shall construct suitable go downs, yards at the site of work for storing all materials as to be safe against damage by sun, rain, dampness, fire, theft etc. at his own cost and also employ necessary watch and ward establishment for the purpose, at his own cost. Materials to be charged directly to work and stipulated for issue free of cost shall also be issued to the contractor as soon as those are received at site or at the stipulated place of issue. The provision of this para shall apply equally and fully to those as well.
- 14.0. Contractor's job will also include removing of all debris arising in the process of execution of the work, at no extra cost.
- 15.0 The contractor has to provide all the personal protective equipment (PPE) to the workers engaged by him. If it is observed that work is proceeding without adequate safety precautions, work may be stopped by IIT engineer and in such cases, contractor will be solely responsible for delay and its consequences thereof.
- 16.0 Liquidated Damage: With maximum rate @ 1% (one percent) per month of delay to be computed on per day basis based on the value of work lagging behind in completion shall be levied and the total amount of compensation for delay to be levied under this condition shall not exceed 10 % (ten percent) of the accepted Tendered Value of work.



**17.0 Forfeiture of Earnest Money in case of non-execution of work after issue of LOI.**

(1) The forfeiture of earnest money shall be done as per the General Conditions of Contract.

**(2) If contractor fails to furnish the prescribed performance guarantee within the prescribed period, the earnest money will be absolutely forfeited by the Institute automatically without any notice.**

(3) In case of forfeiture of earnest money as prescribed in Para 1) and 2) above, the bidder shall not be allowed to participate in the re-tendering process of the work.





## **SPECIAL CONDITIONS FOR MATERIALS**

1. No free issue of the material will be done for the work. The agency has to arrange all the materials required for the work.
2. The contractor shall procure all the materials in advance so that there is sufficient time to testing and approving of the materials and clearance of the same before use in work.
3. All materials brought by the contractor for use in the work shall be got checked from the Engineer-in-Charge or his authorized representative of the work on receipt of the same at site before use.
4. The contractor shall also employ necessary watch and ward establishment for the safe custody of materials at his own cost.



**ADDITIONAL CONDITIONS**

1. a) The contractor (s) shall inspect the site of work before tendering and acquaint himself with the site conditions and no claim on this account shall be entertained by the department.  
  
b) The contractor (s) shall get himself acquainted with nature and extent of the work and satisfy himself about the availability of materials required for the work.
2. The tenderer shall see the approaches to the site. In case any approach from main road is required by the contractor, the same shall be provided, improved and maintained by the contractor at his own cost. No payment shall be made on this account.
4. The contractor (s) shall give to the Municipality, Police and other authorities all necessary notices etc. that may be required by law and obtain all requisite Licenses for temporary obstructions, enclosures etc. and pay all fee, taxes and charges which may be leviable on account of these operations in executing the contract. He shall make good any damage to the adjoining property whether public or private and shall supply and maintain light and other illumination on for cautioning the public at night.
5. The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night speed limit boards red flags, red lights and providing barriers. He shall be responsible for all dangers and incidents caused to existing / new work due to negligence on his part. No hindrances shall be caused to traffic during the execution of the work.
6. The contractor shall provide at his own cost suitable weighing surveying and levelling and measuring arrangements as may be necessary at site for checking. All such equipment shall be got calibrated in advance from laboratory, approved by the Engineer-in-Charge. Nothing extra shall be payable on this account.
7. Contractor shall provide permanent bench marks and other reference points for the proper execution of work and these shall be preserved till the end of work. All such reference points shall be in relation to the levels and locations, given in the Architectural and plumbing drawings
8. On completion of work, the contractor shall submit at his own cost required documents / drawings to the Engineer-in-Charge within 30 days of completion of work.
9. Any cement slurry added over base surface for continuation of concreting for better bond is deemed to have been built in the items and nothing extra shall be payable for extra cement considered in consumption on this account.
10. The contractor shall bear all incidental charges for cartage, storage and safe custody of materials issued by department.



11. The works shall be carried out in accordance with the Architectural drawings and structural drawings, to be issued from time to time by the Engineer-in-Charge. Before commencement of any item of work, the contractor shall correlate all the relevant architectural and structural drawings issued for the work and satisfy himself that the information available thereof is complete and unambiguous. The discrepancy, if any shall be brought to the notice of the Engineer-in-Charge before execution of the work. The contractor alone shall be responsible for any loss or damage executing by the commencement of work on the basis of any erroneous and or incomplete information.
12. The contractor shall take all precautions to avoid accidents by, exhibiting caution boards day and night, speed limit boards, red flags, red light and providing necessary barriers and other measures required from time to time. The contractor shall be responsible for all damages and accidents due to negligence on his part.
13. If the work is carried out in more than one shift or during night no claim on this accounts shall be entertained.
14. Existing drains, pipes, cables, over-head wires, sewer lines, water lines and similar services encountered in the course of the execution of work shall be protected against the damage by the contractor at his own expense. The contractor shall not store materials or otherwise occupy any part of the site in a manner likely to hinder the operation of such services.
15. The contractor shall render all help and assistance in documenting the total sequence of this project by way of photography, slides, audio-video recording etc. Nothing extra shall be payable to the contractor on this account. However cost of photographs, slides, audio/videography etc shall be borne by the department.
16. No payment shall be made to the contractor for any damage caused by rain, snowfall, floods, earthquake or any other natural causes whatsoever during execution of work. The damages of the work will be made good by the contractor at his own cost and no claim on this account shall be entertained.
17. For construction works which are likely to generate debris /rubbish to the tune of more than a tempo/truck load, contractor shall dispose of malba, rubbish & other unserviceable materials and wastes at their own cost to the notified/specified dumping ground and under no circumstances these shall be stacked/dumped, even temporarily outside the construction premises.
18. The Plinth Level of Building is to be kept as per Architectural drawings. All the items of works such as PCC, RCC, Brickwork and shuttering etc. in foundation up to this plinth level will be measured and paid as the work done up to plinth level. Nothing extra due to higher plinth will be paid and contractors rates quoted for all these items shall, therefore, be deemed to cater for extra height of plinth.



19. The contractor has to follow all safety norms as laid down in National Building code of India. All the workers shall be equipped with the required safety gadgets while working at site such as ISI marked helmets, Shoes and safety belts, gumboots, gloves etc.
20. Being an individual work contract no other tax is payable other than GST.



## GENERAL SPECIFICATION FOR CIVIL WORKS

1. Except for the items, for which particular specifications are given or where it is specifically mentioned otherwise in the description of items in the schedule of quantities the work shall generally be carried out in accordance with the “CPWD specifications 2019 Vol. 1 and Vol. 2 (with up to date corrections slips). (Hereinafter to be referred to as CPWD specifications) and instructions of Engineer-in-Charge. Wherever CPWD specifications are silent the latest IS codes/specification shall be followed.
2. The order of preference in case of any discrepancy as indicated in condition No. 8.1 under “Conditions of Contract” give in standard CPWD contract form may be read as the following:
  - i) Nomenclature of items as per schedule of quantities.
  - ii) Particular specification and special condition, if any.
  - iii) CPWD specifications.
  - iv) Architectural Drawings
  - v) Indian standard specifications of B.I.S.
  - vi) Sound Engineering Practice

A reference made to any Indian Standard specification in these documents, shall imply to the latest version of that standard. Including such revision/amendments as issued by the bureau of Indian standard upto last date of receipt of tenders. The contractor shall keep at his own cost all such publications of relevant Indian standard applicable to the work at site.
3. The proposed building is a prestigious project and quality of work is paramount importance. Contractor shall have to engage well experienced skilled labour and deploy modern T&P and other equipment to execute the work. Many items like stone masonry & stone cladding works, stone flooring, and structural glazing, PVDF coating aluminium composite panel and other specialised flooring work, Wood work will specially require engagement of skilled workers having experience particularly in execution of such items.
4. Samples of all materials and fittings to be used in the work in respect of brand manufacturer and quality shall be got approved from the Engineer-in- Charge, well in advance of actual execution and shall be preserved till the completion of the work. Articles bearing BIS certifications mark shall only be used unless no manufacturer has got BIS mark for the particular material. Any material/fitting whose sample has not been approved in advance and any other unapproved material brought by the contractor shall be immediately removed as soon as directed.



5. The rates for all items of work shall unless clearly specialised otherwise include cost of all labour, material tools and plants and other inputs involved in the execution of the item.
6. The contractor (s) shall quote rates against the items in the schedule of quantities and nothing extra shall be payable for any of the conditions and specifications mentioned. In the tender documents unless specifically specified otherwise.
7. Unless otherwise specified in the schedule of quantities the rates for all items shall be considered as inclusive of pumping/baling out water, if necessary, for which no extra payment shall be made. Those conditions shall be considered to include water from any source such as inflow of flood, surface and sub-soil water etc. and shall apply to the execution in any season.
8. The rate for all items in which the use of cement is involved is inclusive of charges for curing.
9. The foundation trenches shall be kept free from water while works below ground level are in progress.
10. The work shall be executed and measured as per metric dimensions given in the schedule of quantities, drawings etc. (FPS units wherever indicated are for guidelines only).



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

**APPROVED MAKE LIST OF MATERIALS TO BE USED**

SL. NO.	ITEM	SUGGESTED BRAND NAME OR SIMILAR
01.	Cement (OPC/PPC/PSC)	ACC / Ultratech / Ambuja / Lafarge / Birla
02.	Reinforcement Steel	TATA / SAIL / RINL/JINDAL
03.	Structural Steel	TATA / SAIL / RINL/JINDAL
04.	Lighter Structural sections not manufactured by TATA/SAIL/RINL	Shyam Steel / SRMB / Jindal (Hissar)
05.	Aluminium extruded section	Jindal/Hindalco
06.	False ceiling/Acoustic panels	Gyproc/Armstrong or Knauf/USG Boral
07.	Paint	Asian Paint/ Berger/Dulux
08.	Door closer/floor spring/lock etc	Godrej/Hardwyn/Ozone/Door set

Note : For items not covered in the above list or in case of non-availability of preferred make of any item listed above, the make / brand to be used in the work, should have prior approval from the Engineer-In- Charge



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

**VENDOR MASTER FORM**

(To facilitate registration under PFMS and fund transfer through RTGS, NEFT/ INTRA BANK Transfer-One time information required)

Sl No.	Information required	Data furnished
1	Name of the supplier company /firm	
2	CIN Number (in case of company)	
3	Complete contact address with PIN number	
4	District with city name	
5	Landline phone number	
6	Mobile number of contact person/ Finance Executive (for SMS on payment details)	
7	e-Mail ID (for receiving payment details)	
8	PAN Number	
9	GST Registration Number (with copy of GST registration certificate)	
10	TAN Number	
11	Bank account number (with a copy of cancelled cheque or Xerox copy of cheque leaf)	
12	Name of the Bank	
13	Name of the Bank Branch	
14	IFSC Code of Bank	
15	MICR Code of Bank	
16	Bank Account details where LC is to be opened in case of foreign suppliers	

I / We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or credit is not effected at all for reason of incomplete or incorrect information, the Indian Institute of Technology, Bhubaneswar will not be responsible.





**DETAILS ABOUT BIDDING AGENCY**

S. No.	Particulars	Details
1.	Full name of the Bidder (In capital letters)	
2	Full address of the Bidder	
3	(a) Telephone No: (b) Alternate Telephone No. (c) Email ID:	
4	PAN	
5	TAN	
6	Date of incorporation and number of years of experience in relevant area	
7	GST registration No.	
8	Has the bidder has been blacklisted by any Govt. organization at any time? If so, attach the details of the same.	
9	Names and details of the Authorized person to be available at site during the work (a) Name (b) Designation (c) Address (d) Mobile number (e) Alternate Mobile number (f) Email ID)	



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

Schedule-C

10	Financial strength of the Organization for the last 3 years. (Attach photocopies of audited balance sheets and CA certified calculation statements)				
	Turnover (IN CRORE)	2020-21	2021-22	2022-23	Average
	Annual Profit PBT (Before Tax)	2020-21	2021-22	2022-23	Average
	Net Worth	2020-21	2021-22	2022-23	

**Note:** Attach attested copies of all the documents in support of above-mentioned points.

- It is hereby certified that ----- (The bidding agency herein) has never been black-listed by Central/ State Governments/ PSUs.
- It is hereby submitted that all the terms and conditions of this RFP are acceptable to the Bidder agency.

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 bidder is liable for legal action.

(Signature of Authorized Signatory.  
Name of Authorized Signatory)

(Stamp)



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

Percentage BoQ

Tender Inviting Authority: Executive Engineer(Civil)

Name of Work: Miscellaneous works including repair and painting work of SIF, CDC cell of Main Building and other academic buildings inside IIT Bhubaneswar at Argul.

Contract No: IITBBS/SE/Engg.cell/10/2024-25

Name of the Bidder/ Bidding Firm / Company :							
<p style="text-align: center;"><b>PRICE SCHEDULE</b></p> <p style="text-align: center;">(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 )</p>							
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



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

1	<p>DSR-2021, Item No.12.45.3</p> <p>Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts &amp; bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall</p>	199.00	Sqm	1171.88	INR	233204.12	<p>INR Two Lakh Thirty Three Thousand Two Hundred &amp; Four and Paise Twelve Only</p>
---	--	--------	-----	---------	-----	-----------	--



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

	<p>screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitablyfixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with</p> <p>12.5 mm thick tapered edge gypsum moisture resistant board.</p>						
--	---	--	--	--	--	--	--



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

2	<p>DSR-2021, Item No.12.52.4</p> <p>Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size</p>	31.00	Sqm	1124.12	INR	34847.72	<p>INR Thirty Four Thousand Eight Hundred &amp; Forty Seven and Paise Seventy Two Only</p>
---	---	-------	-----	---------	-----	----------	--



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

27 x 37 x 25 x 1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.

12.5 mm thick fully Perforated Gypsum Board tile made from plasterboard having glass fibre conforming to IS: 2095 part I, of size 595x595 mm, having perforation of 9.7x9.7 mm at 19.4 mm c/c with center borders of 48 mm and the side borders of 30 mm, backed with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.79, with 50 mm resin bonded glass wool backing.



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

3	<p>DSR-2021, Item No.26.87.2</p> <p>Providing and fixing 35mm thick factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) &amp; 900 N (Edge), minimum compressive strength 50 N/mm<sup>2</sup>, modulus of elasticity 850 N/mm<sup>2</sup> and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately)</p>	3.00	Sqm	1124.12	INR	3372.36	INR Three Thousand Three Hundred & Seventy Two and Paise Thirty Six Only
---	---	------	-----	---------	-----	---------	--





**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

4	<p>DSR-2021, Item No.26.89.1</p> <p>Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid board one side white color and other side of board laminated with PVC foil of minimum 14 micron thickness of approved design pasted with hot melt adhesive for cup boards, work stations and bathroom/kitchen cabinet etc. of required sizes comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) &amp; 900 N (Edge), minimum compressive strength 50 N/ mm<sup>2</sup>, modulus of elasticity 850 N/mm<sup>2</sup> and resistance to spread of flame of Class A category with property of being termite/ borer proof, water/moisture proof and fire retardant and fixing with stainless steel piano hinges/soft close clip on concealed hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of</p>	8.00	Sqm	2445.73	INR	19565.84	INR Nineteen Thousand Five Hundred & Sixty Five and Paise Eighty Four Only
---	---	------	-----	---------	-----	----------	--



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

	Engineer-In- Charge. (Note: stainless steel piano hinges/soft close clip on concealed hinges and necessary S.S screws shall be paid separately) 18 mm thick						
5	DSR-2021, Item No.15.57 Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge	230.00	Sqm	41.90	INR	<b>9637.00</b>	INR Nine Thousand Six Hundred & Thirty Seven Only
6	DSR-2021, Item No.13.80 Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	376.00	Sqm	111.60	INR	<b>41961.60</b>	INR Forty One Thousand Nine Hundred & Sixty One and Paise Sixty Only
7	DSR-2021, Item No.12.42.5.2 Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.5° ,110mm bend	4.00	Each	118.95	INR	<b>475.80</b>	INR Four Hundred & Seventy Five and Paise Eighty Only



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

8	DSR-2021, Item No.12.42.3.2 Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Single Tee with door -110x110x110m	4.00	Each	185.13	INR	740.52	INR Seven Hundred & Forty and Paise Fifty Two Only
9	DSR-2021, Item No.8.31 Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps mand dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	1.00	Cum	958.28	INR	958.28	INR Nine Hundred & Fifty Eight and Paise Twenty Eight Only



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

10	DSR-2021, Item No.11.37 Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	1.00	Sqm	843.07	INR	843.07	INR Eight Hundred & Forty Three and Paise Seven Only
11	DSR-2021, Item No.11.41.2 Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	3.00	Sqm	1276.55	INR	3829.65	INR Three Thousand Eight Hundred & Twenty Nine and Paise Sixty Five Only



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

12	DSR-2021, Item No.11.26.1 Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : for closing gap between Aluminium frames and bottom portion to avoid water seepage	3.00	Sqm	1537.82	INR	4613.46	INR Four Thousand Six Hundred & Thirteen and Paise Forty Six Only
13	DSR-2021, Item No.8.3.1 Providing edge moulding to 20 mm thick kota stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.	40.00	Rmt	220.68	INR	8827.20	INR Eight Thousand Eight Hundred & Twenty Seven and Paise Twenty Only
14	DSR-2021, Item No.9.97.1 Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade,300x10 mm	10.00	Pcs	106.01	INR	1060.10	INR One Thousand & Sixty and Paise Ten Only
15	DSR-2021, Item No.14.34 Providing and fixing 150 mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete	15.00	Pcs	210.05	INR	3150.75	INR Three Thousand One Hundred & Fifty and Paise Seventy Five Only



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

16	DSR-2021, Item No.9.83 Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	10.00	Pcs	924.21	INR	<b>9242.10</b>	INR Nine Thousand Two Hundred & Forty Two and Paise Ten Only
17	DSR-2021, Item No.10.1 Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	251.00	Kg	83.85	INR	<b>21046.35</b>	INR Twenty One Thousand & Forty Six and Paise Thirty Five Only
18	DSR-2021, Item No.13.50.4 Applying priming coat:With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel work (second coat)	214.10	Sqm	26.81	INR	<b>5740.02</b>	INR Five Thousand Seven Hundred & Forty and Paise Two Only
19	DSR-2021, Item No.13.99.1 Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work	609.60	Sqm	77.99	INR	<b>47542.70</b>	INR Forty Seven Thousand Five Hundred & Forty Two and Paise Seventy Only



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

20	DSR-2021, Item No.13.61 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	331.40	Sqm	118.45	INR	<b>39254.33</b>	INR Thirty Nine Thousand Two Hundred & Fifty Four and Paise Thirty Three Only
21	DSR-2021, Item No.15.34.1 Dismantling and stacking within 50 metres lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base of: T' or 'L' iron or pipe	4.00	Pcs	173.87	INR	<b>695.48</b>	INR Six Hundred & Ninety Five and Paise Forty Eight Only
22	DSR-2021, Item No.15.2.1 Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge for Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	0.91	Cum	1808.60	INR	<b>1645.83</b>	INR One Thousand Six Hundred & Forty Five and Paise Eighty Three Only
23	DSR-2021, Item No.14.75 Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.	25.00	Sqm	486.91	INR	<b>12172.75</b>	INR Twelve Thousand One Hundred & Seventy Two and Paise Seventy Five Only



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

24	DSR-2021, Item No.16.18 Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used. With G.I. barbed wire	990.00	Mtr	17.66	INR	<b>17483.40</b>	INR Seventeen Thousand Four Hundred & Eighty Three and Paise Forty Only
25	DSR-2021, Item No.16.19 Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete. For about 65 mtr. opening at various locations	365.70	Mtr	90.07	INR	<b>32938.60</b>	INR Thirty Two Thousand Nine Hundred & Thirty Eight and Paise Sixty Only





**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

26	DSR-2021, Item No.18.7.2 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge with 20 mm nominal dia Pipes	70.00	Mtr	292.95	INR	<b>20506.50</b>	INR Twenty Thousand Five Hundred & Six and Paise Fifty Only
27	DSR-2021, Item No.18.7.6 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge with 50 dia CPVC pipelines	10.00	Mtr	835.32	INR	<b>8353.20</b>	INR Eight Thousand Three Hundred & Fifty Three and Paise Twenty Only
28	DSR-2021, Item No.18.18.1 Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :15 mm nominal bore	3.00	Each	314.35	INR	<b>943.05</b>	INR Nine Hundred & Forty Three and Paise Five Only



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

29	DSR-2021, Item No.5.45 Providing and fixing of expansion joint system related with wall joint (internal/external) location as per drawings and direction of Engineer-In-Charge. The joints shall be of extruded aluminum base members, self aligning / centering arrangement and support plates as per ASTM B221-02. The material shall be such that it provides an Expansion Joints System suitable for vertical wall to wall/ wall to corner application, both new and existing construction in office Buildings & complexes with no slipping down tendency amongst the components of the Joint System. The Joint System shall utilize light weight aluminum profiles exhibiting minimal exposed aluminum surfaces mechanically snap locking the multicellular to facilitate movement. (Material shall confirm to ASTM 6063). Wall Joint of 100 mm gap .	9.00	Sqm	4357.28	INR	<b>39215.52</b>	INR Thirty Nine Thousand Two Hundred & Fifteen and Paise Fifty Two Only
30	DSR-2021, Item No.13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	237.00	Sqm	58.08	INR	<b>13764.96</b>	INR Thirteen Thousand Seven Hundred & Sixty Four and Paise Ninety Six Only



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

31	DSR-2021, Item No.13.111.1 Finishing walls with Acrylic Smooth exterior paint of required shade Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	50.00	Sqm	150.35	INR	<b>7517.50</b>	INR Seven Thousand Five Hundred & Seventeen and Paise Fifty Only
32	DSR-2021, Item No.21.1.2.2 Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : Aluminium Louver at the terrace For shutters of	12.00	Kg	508.94	INR	<b>6107.28</b>	INR Six Thousand One Hundred & Seven and Paise Twenty Eight Only



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
**Indian Institute of Technology Bhubaneswar**

doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

33	DSR-2021, Item No.12.50 Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin- charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	125.00	Sqm	605.13	INR	<b>75641.25</b>	INR Seventy Five Thousand Six Hundred & Forty One and Paise Twenty Five Only
34	DSR-2021, Item No.13.90.1 Distempering with 1st quality acrylic distember (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to	1390.00	Sqm	51.18	INR	<b>71140.20</b>	INR Seventy One Thousand One Hundred & Forty and Paise Twenty Only



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

	give an even shade :Old work (one or more coats)						
35.	DSR-2021, Item No.13.46.1 Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	60.00	Sqm	100.56	INR	<b>6033.60</b>	INR Six Thousand &Thirty Three and Paise Sixty Only
36.	DSR-2021, Item No.24.20 Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer in-charge .The	250.00	Sqm	256.81	INR	<b>64202.50</b>	INR Sixty Four Thousand Two Hundred & Two and Paise Fifty Only



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

	elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.						
37	DSR-2021, Item No.9.96.1 Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : 300x16 mm	15.00	Pcs	234.56	INR	3518.40	INR Three Thousand Five Hundred & Eighteen and Paise Forty Only
38	DSR-2021, Item No.4.2.3 Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	6.00	Cum	8448.01	INR	50688.06	INR Fifty Thousand Six Hundred & Eighty Eight and Paise Six Only



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

39	DSR-2021, Item No.12.41.2 Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion with 110 mm dia Single socketed pipes.	20.00	Sqm	288.13	INR	<b>5762.60</b>	INR Five Thousand Seven Hundred & Sixty Two and Paise Sixty Only
40	DSR-2021, Item No.6.1.2 Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	1.25	Cum	5999.76	INR	<b>7499.70</b>	INR Seven Thousand Four Hundred & Ninety Nine and Paise Seventy Only
41	DSR-2021, Item No.13.1.2 CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand) sqm	5.00	Sqm	254.11	INR	<b>1270.55</b>	INR One Thousand Two Hundred & Seventy and Paise Fifty Five Only
42	DSR-2021, Item No.15.7.4 Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	1.25	Cum	1530.48	INR	<b>1913.10</b>	INR One Thousand Nine Hundred & Thirteen and Paise Ten Only





भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

43	<p>Non DSR</p> <p>Preparing the cracks by hacking with mechanical cutter machine / chisel to width and depth ratio 2:1, removal of dust, loose particles etc. from the groove manually by wire brush, mechanically or any other means to obtain a sound surface over areas other than above. Providing and applying flexible filler for interior gaps and cracks with FOSROC Decofill acrylic sealant or equivalent, which shall exhibit excellent adhesion to most building materials and compatible for application over walls/ceiling cornices, door and window frame surrounds, fitted furniture, skirtings, staircase, etc., easily applied and finished. It shall be fast setting , non-staining, and form a flexible seal, which can be over painted or papered just after 8 hours at 300C. Cured acrylic sealant shall have a Shore 'A' hardness of about 30, and resist water. It shall fully cure by loss of water. It shall have a solids content minimum of 80% and maximum density of about 1.7 kg/litre at 250C and shall be easily applied with the help of a sealant gun. Item rate is inclusive of materials, all labour, tools and tackles,</p>	450.00	Rmt	292.37	INR	131566.50	INR One Lakh Thirty One Thousand Five Hundred & Sixty Six and Paise Fifty Only
----	---	--------	-----	--------	-----	-----------	--



**भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर**  
**Indian Institute of Technology Bhubaneswar**

	and transportation etc. complete as per specification and as directed by Engg.-in-charge. Payment shall be made as per actual site measurement for inside wall surface of building.						
44	Non DSR Providing and fixing of 50mm dia CPVC ball valve	2.00	Pcs	1154.66	INR	2309.32	INR Two Thousand Three Hundred & Nine and Paise Thirty Two Only
45	Non DSR Providing & fixing wiremesh at junction of Brick works & RCC Works all Complete as per direction of Engineer -in-charge	50.00	Sqm	83.36	INR	4168.00	INR Four Thousand One Hundred & Sixty Eight Only
46	Non DSR Making soak pit 2.5 m diameter 2.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00	Nos.	19192.03	INR	38384.06	INR Thirty Eight Thousand Three Hundred & Eighty Four and Paise Six Only
<b>Total in Figures</b>						<b>11,15,354.88</b>	Eleven Lakh Fifteen Thousand Three Hundred & Fifty Four and Paise Eighty Eight Only



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर  
Indian Institute of Technology Bhubaneswar

Quoted Rate in Figures		Select		-	Zero Only
Quoted Rate in Words	INR Zero Only				