	Government eProcurement System	eProcurement System Government of India
	Tender Details	Date : 18-Jan-2024 04:20 PM

 Print

Basic Details

Organisation Chain	IIT BHUBANESWAR		
Tender Reference Number	IITBBS/SE/Engg.Cell/24/23-24		
Tender ID	2024_IITBR_791144_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

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Painting of Room No.202, 204 and other miscellaneous repair works of different buildings inside IIT
2	Finance	.xls	Price 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 ₹	5,800	EMD through BG/ST or 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	Painting of Room No.202, 204 and other miscellaneous repair works of different 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 ₹	2,87,783	Product Category	Civil	Sub category	NA

 Government eProcurement System			Works		
Contract Type	Tender	Bid Validity(Days)	120	Period Of Work (Days)	60
Location	Engineering Section IIT Bhubaneswar Argul Jatni	Pincode	752050	Pre Bid Meeting Place	Engineering Section IIT Bhubaneswar Argul Jatni
Pre Bid Meeting Address	Engineering Section 3rd floor IIT Bhubaneswar Argul Jatni	Pre Bid Meeting Date	23-Jan-2024 11:30 AM	Bid Opening Place	Engineering Section
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates

Publish Date	18-Jan-2024 05:00 PM	Bid Opening Date	30-Jan-2024 02:30 PM
Document Download / Sale Start Date	18-Jan-2024 05:00 PM	Document Download / Sale End Date	29-Jan-2024 02:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	18-Jan-2024 06:00 PM	Bid Submission End Date	29-Jan-2024 02:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Painting of Room No.202, 204 and other miscellaneous repair works of different buildings inside IIT Bhubaneswar at Argul	1491.75

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_831556.xls	Price bid	369.00

Bid Openers List

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

Tender Properties

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

TIA Undertaking

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

Tender Inviting Authority	
Name	EE(CM)
Address	Engineering Section IIT Bhubaneswar Argul Jatni
Tender Creator Details	
Created By	Dipti Ranjan Pattanaik
Designation	Asst Civil Engineer
Created Date	18-Jan-2024 03:50 PM



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

अरगूल/Argul, जटनी/ Jatni, खुरधा / Khurda, ओडिशा/ Odisha - 752050

दूरभाष/Tel: +91 6747138700, वेब/web: www.iitbbs.ac.in

INDEX

Name of Work: Painting of Room No.202, 204 and other miscellaneous repair works of different buildings inside IIT Bhubaneswar at Argul.

Sl. No.	Description	Page
1	Index Page	1
2	Notice inviting E-tenders	2
3	PART-A	3
4	Information and e-Tendering for Contractors	4-6
5	Notice Inviting Tenders (Form CPWD-6)	7-10
6	Tender (Form CPWD-7)	11-12
7.	Scope of work	13-14
8.	Proforma of schedule	15-17
9	Salient/Mandatory requirement for tender	18
10	PART-B	19
11	Additional terms and conditions	20-22
12	Special Condition for Material	23
13.	Additional conditions	24-26
14	General Specifications for Civil Works	27-28
15.	Vendor Master Form (Annexure-I)	29
16.	Proforma of certificate regarding labour payments and statutory requirement to be furnished by contractor (Annexure-II)	30
17.	Proforma of no demand certificate by contractor(Annexure-III)	31
18.	BOQ	32-43

NIT amounting to **Rs.2, 87,783 /-** (Rupees two lakhs eighty seven thousand seven hundred eighty three) only is approved.

[Certified that this N.I.T. contains **31** pages + BOQ contains **12** pages Total **43** 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/24/2023-24

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/24/2023-24,

Name of work: **Painting of Room No.202, 204 and other miscellaneous repair works of different buildings inside IIT Bhubaneswar at Argul.**

Estimated cost **Rs.2,87,783/-**

Earnest money Rs. 5800/-,

Period of completion 2 months,

Last time & dated of submission of bid 2.00PM on 29.01.2024

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

No. IITBBS/SE/Engg.Cell/24/2023-24 Dated: 18.01.2024

Executive Engineer



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

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 (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	Painting of Room No.202,204 and other miscellaneous repair works of different buildings inside IIT Bhubaneswar at Argul	2,87,783/-	5800/-	2 months	Up to 2:00 PM on 29.01.2024	Date and time of submission of hard copy tender with EMD up to 2:00 PM on 29.01.2024	At 2:30 PM on 30.01.2024

* The eligible contractors mean contractor having experience of similar works (civil construction or maintenance work) 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 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 Banker's name, Demand Draft/Fixed Deposit Receipt /Pay Order/ Banker's Cheque/Bank Guarantee number, amount and date.

Multiple Demand Draft / Pay Order / Banker's Cheque / Deposit can pay the amount of EMD at call receipt / Fixed Deposit Receipts from any Scheduled Bank. Submission of EMD is waived off for agencies registered with MSME for the relevant works. The mandatory submission of EMD is waived off for agencies registered with MSME Dept. under appropriate category.

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. 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 **“Painting of Room No.202, 204 and other miscellaneous repair works of different buildings inside IIT Bhubaneswar at Argul”**.

CPWD-6 FORM e-Tendering

- 1 The work is estimated to **Rs. 2,87,783/-(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 (civil construction or maintenance work) 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.
 - (B) Registration with GST Authorities. Bidder has to submit proof of valid registration documents.
3. Agreement shall be drawn with the successful tenderers on prescribed Form No. CPWD 7. Tenderers shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
4. 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.
5. 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 and shall be submitted online on website www.eprocure.gov.in . Other necessary documents also can be seen in the office of the Executive Engineer, Engineering Section, IIT Bhubaneswar between hours



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

Indian Institute of Technology Bhubaneswar

of 10:00 AM to 5:00 PM on any working day.

6. 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.
7. 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 **29.01.2024**.

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 **30.01.2024**. EMD will be adjusted against security deposit & will be released after completion of defect liability period

8. The tender submitted shall become invalid if:
 - (i) The tenderers are found ineligible.
 - (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.
9. 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 at Call receipt of any scheduled bank / Banker's cheque of any scheduled bank / Demand Draft of any scheduled bank / Pay order of any Scheduled Bank or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India 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',**



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

Indian Institute of Technology Bhubaneswar

including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.

16. 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.
17. This Notice Inviting Tender shall form a part of the contract document.
- 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.



PERCENTAGE RATE TENDER AND CONTRACT FOR WORKS

(A) Tender for the work of:

CPWD-7

Painting of Room No.202,204 and other miscellaneous repair works of different buildings inside IIT Bhubaneswar at Argul.

Designation: **Executive Engineer, IIT Bhubaneswar**

Date of Issue _____

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 IIT Bhubaneswar within the time specified in NIT, schedule of quantities and in all respects in accordance with the specifications, designs, drawings and instructions of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender **open for (120) One hundred twenty days from the date of opening of tender** and not to make any modifications in its terms and conditions.

A sum of **Rs.5800/-** is hereby forwarded in Fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by scheduled bank as earnest money. If I/we, fail to furnish the prescribed performance guarantee or fail to commence the work within prescribed period I/we agree that the said Board of Governors, IIT, Bhubaneswar 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 of commence work as specified, I/we agree that Board of Governors, IIT, Bhubaneswar or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule "F" and 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 both Earnest Money & 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 therefrom 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 _____ ** _____

Witness: **

Address: **

Occupation: **

**

Signature of contractor

Postal Address **



SCOPE OF WORK

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

1. The work will be executed inside different buildings of IIT Bhubaneswar campus at Argul.
2. The agency has to make their own arrangement for all materials, manpower, staging etc. to complete the work in all respect.
3. 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.
4. 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.

5. Antifungal 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 1st 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.
6. 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.
7. 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.



8. Sliding shutter below granite platform:

- The agency has to make sliding shutter main & sub frames by using Aluminium sliding channels.
- 9mm thick pre-laminated particle boards are to be fixed with in the shutters frames.
- Sliding rollers are to be provided for shutters.
- Touch locks for shutters are to be provided.

9. External Painting and crack filling:

- The agency has to make staging and cut grooves as per specification.
- The grooves are to be filled with chemical as per the detailed procedure given in the specification.
- Painting to be done after curing as per specification.

10. concrete platform:

- Concrete platform to be done by fixing reinforcement as per the direction of site engineer after hacking the bottom surface and cleaning.
- Then shuttering and concreting to be done as per specification.

11. Internal painting:

- The agency has to make his own arrangement and cover the equipment, tables inside the room with protective polythene 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 .Then primer coat to be applied over the wall / ceiling surface.
- After drying of primer, one coat of paint to be applied and the second coat to be applied only after drying of 1st coat to give an even shade of paint surface.

Or

In case of one or more coat for old work, painting to be done to give an even shade.

12. MS Work:

- The MS work such as frame for ventilator fixing, small height platform to keep some machines / equipment are to be done as per the instruction of site Engineer.
- The MS sections are to be painted with primer over the whole surface.



PROFORMA OF SCHEDULES

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

SCHEDULE 'A'

Schedule of Quantities:

Page 29 to 40

SCHEDULE 'E'

Reference to General Conditions of contract

Name of Work:		
Estimated cost of the work:	Civil Work	Rs. 2,87,783/-
Earnest money	Rs. 5800/-	
Performance Guarantee	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	
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 successful completion of work and completion of the defect liability period of twelve months 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 To cover all overheads and profits	15%
2(x)(a) Standard Schedule of Rates	DSR' 2021
2(xi) Department:	IIT Bhubaneswar.
9(ii) Standard CPWD contract Form:	GCC 2023, CPWD form-7/8 as modified corrected up to the date of NIT.

Clause-1

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

Authority to decide:

- (i) Extension of time: Executive Engineer
- (ii) Rescheduling of milestone: Executive Engineer
- (iii) 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)

- (i) 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.2.87 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

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

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 **2 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 Temporary Electric connection shall be issued as per request and the water charges shall be recovered as per rule.
- 9 Contractors should attend the Pre-bid meeting on **23.01.2024 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 and diptiranjan@iitbbs.ac.in with advance intimation and obtaining the link to attend the Video Conference.
12. The initial qualification of bidder will be based on the fulfilment of qualifying criteria mentioned elsewhere in this document.
14. The Engineer-in-charge can reduce the scope of work



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

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 The structural and architectural drawings shall at all times be properly co-related before executing any work. However, in case of any discrepancy in the item given in the schedule of quantities appended with the tender and Architectural drawings relating to the relevant item, the former shall prevail unless otherwise given in writing by the Engineer-in-charge.
- 7.1 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. Whenever bill is due for payment, in case of CMB, the contractor would initially submit draft computerized measurement sheets and these measurement(s) would be got checked/ test checked from the Engineer-in-Charge and/ or his/her authorized representative. The contractor will, thereafter,



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

Indian Institute of Technology Bhubaneswar

incorporate such changes as may be done during these checks/ test checks in his draft computerized measurement(s) and submit a computerized Measurement book, duly bound, and with its pages numbered.

- 7.2 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.
- 7.3 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.
- 8 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.
- 9 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.
- 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 submit the proof of payment of royalty on sand, chips etc or “valid transit pass, royalty as applicable.
12. 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.
13. Contractor’s job will also include removing of all debris arising in the process of execution of the work, at no extra cost.
- 14 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



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

- cases, contractor will be solely responsible for delay and its consequences thereof.
15. Liquidated Damage: With maximum rate @ 3% (three percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor provided that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % (ten percent) of the accepted Tendered Value of work.
16. **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. The contractor shall at his own expense procure and provide all 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.
18. 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.
19. 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.
22. 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.
25. 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.
26. 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 with 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, the deemed to cater for extra height of plinth.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

27. 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.
28. 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 upto 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. 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.
4. 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.
5. 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.



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

6. 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.
7. The foundation trenches shall be kept free from water while works below ground level are in progress.
8. 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

Annexure-I

VENDOR MASTER FORM

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

SI 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.

Authorised signatory with date and seal



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Annexure-II

**PROFORMA OF CERTIFICATE REGARDING LABOUR PAYMENTS AND STATUTORY
REQUIREMENT TO BE FURNISHED BY CONTRACTOR.**

(TO BE ISSUED BY THE CONTRACTOR AND ATTESTED BY THE ENGINEER IN CHARGE)

Name of the work: _____

Contract/Work order No. & Dated: _____

Name of the Contractor: _____

This is to certify that we have made all labour payments including PF liabilities in respect of the above mentioned Work order/Contract and no other payments in this regard is pending from us. Further we confirm that all statutory requirements have been complied with by us and in case any default is reported against us, we shall be solely responsible for the same.

Date:

Signature _____

Place

Name _____

Designation _____

Company seal _____

Attestation:



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Annexure-III

PROFORMA OF NO DEMAND CERTIFICATE BY CONTRACTOR

(TO BE ISSUED BY THE CONTRACTOR AND ATTESTED BY THE ENGINEER IN CHARGE)

Name of the work: _____

Contract/Work order No. & Dated: _____

Name of the Contractor: _____

I/We, M/s. _____ (Contractor) do hereby acknowledge and confirm that we have already submitted final bill vide Bill No. _____, dt. _____ for Rs. _____ in respect of our aforesaid Work order/Contract No. _____ dtd. _____ including amendments, if any, issued by IIT Bhubaneswar. After payment of above mentioned final bill amount by IIT Bhubaneswar, I/we have no claim whatsoever pending with IIT Bhubaneswar under the said contract except the followings.

1. Performance Guarantee amount: Rs. _____

2. Security Deposit amount deducted in RA bill _____

3. Earnest Money Deposit amount: Rs. _____

Notwithstanding any protest recorded by us in any correspondence, document, measurement books, and/or final bills, etc. we waive all our rights to lodge any claim or protest in future under this contract

We are issuing this "NO DEMAND CERTIFICATE: in favour of IIT Bhubaneswar with full knowledge and with our free consent without any undue influence, misrepresentation, coercion etc.

Date:

Signature _____

Place

Name _____

Designation _____

Company seal _____

Attestation:



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

Percentage BoQ

Tender Inviting Authority: Executive Engineer(Civil)

Name of Work: Painting of Room No.202,204 and other miscellaneous repair works of different buildings inside IIT Bhubaneswar at Argul.

Contract No: IITBBS/SE/Engg.cell/24/2023.24

Name of the Bidder/ Bidding Firm / Company :	
--	--

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	Quoted Currency in INR / Other Currency	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT In Words
1	2	4	5	6	12	54	8



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

1	Distemping with 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade all complete as per the requirement and direction of Engineer-in-charge. :Old work (one or more coats)	476.00	Sqm	51.18	INR	24361.68	INR Twenty Four Thousand Three Hundred & Sixty One and Paise Sixty Eight Only
2	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.	51.00	Sqm	111.60	INR	5691.60	INR Five Thousand Six Hundred & Ninety One and Paise Sixty Only
3	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade with One or more coats on old work	133.00	Sqm	77.99	INR	10372.67	INR Ten Thousand Three Hundred & Seventy Two and Paise Sixty Seven Only
4	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in-Charge in dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand) Acid and alkali resistant tile	4.00	Sqm	1475.73	INR	5902.92	INR Five Thousand Nine Hundred & Two and Paise Ninety Two Only



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

5	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 20mm 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.	0.72	Sqm	843.07	INR	607.01	INR Six Hundred & Seven and Paise One Only
6	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	1.20	Sqm	7536.99	INR	9044.39	INR Nine Thousand & Forty Four and Paise Thirty Nine Only
7	Centering and shuttering including strutting, propping etc. and removal of form work for : Foundations, footings, bases for columns	4.00	Sqm	277.49	INR	1109.96	INR One Thousand One Hundred & Nine and Paise Ninety Six Only
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	70.00	Kg	80.78	INR	5654.60	INR Five Thousand Six Hundred & Fifty Four and Paise Sixty Only



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

9	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) : 25 mm thick	8.00	Sqm	1537.82	INR	12302.56	INR Twelve Thousand Three Hundred & Two and Paise Fifty Six Only
10	Providing edge moulding to 18 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.	11.00	Rmt	220.68	INR	2427.48	INR Two Thousand Four Hundred & Twenty Seven and Paise Forty Eight Only
11	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	6.80	Sqm	1836.94	INR	12491.19	INR Twelve Thousand Four Hundred & Ninety One and Paise Nineteen Only
12	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	160.00	Sqm	100.56	INR	16089.60	INR Sixteen Thousand & Eighty Nine and Paise Sixty Only



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

13	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 elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.	56.00	Sqm	256.81	INR	14381.36	INR Fourteen Thousand Three Hundred & Eighty One and Paise Thirty Six Only
----	--	-------	-----	--------	-----	----------	--



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

14	<p>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) : For fixed portion with Powder coated aluminium (minimum thickness of powder coating 50 micron)</p>	72.80	Kg	420.18	INR	30589.10	INR Thirty Thousand Five Hundred & Eighty Nine and Paise Ten Only
----	--	-------	----	--------	-----	----------	---



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

15	<p>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) :</p> <p>For shutters of 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)</p>	75.10	Kg	508.94	INR	38221.39	INR Thirty Eight Thousand Two Hundred & Twenty One and Paise Thirty Nine Only
----	--	-------	----	--------	-----	----------	---



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

16	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge .	13.30	Sqm	1194.46	INR	15886.32	INR Fifteen Thousand Eight Hundred & Eighty Six and Paise Thirty Two Only
17	Providing and fixing 150 mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete	1.00	Pcs	210.05	INR	210.05	INR Two Hundred & Ten and Paise Five Only
18	Providing and fixing chromium plated brass butt hinges with necessary chromium plated brass screws etc. complete.100x70x4 mm (ordinary type)	3.00	Pcs	133.09	INR	399.27	INR Three Hundred & Ninety Nine and Paise Twenty Seven Only
19	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.	1.00	Pcs	924.21	INR	924.21	INR Nine Hundred & Twenty Four and Paise Twenty One Only



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

20	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, with necessary screws etc. complete :250x10 mm	1.00	Pcs	94.08	INR	94.08	INR Ninety Four and Paise Eight Only
21	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-incharge with Powder coated minimum thickness 50 micron aluminium	2.00	Pcs	80.74	INR	161.48	INR One Hundred & Sixty One and Paise Forty Eight Only
22	Providing and fixing zinc alloyed (white powder coated) touch lock for sliding shutter with necessary screws etc. complete	38.00	Pcs	150.62	INR	5723.56	INR Five Thousand Seven Hundred & Twenty Three and Paise Fifty Six Only
23	Providing and fixing steel roller for sliding window with necessary screws etc. complete.	76.00	Pcs	85.51	INR	6498.76	INR Six Thousand Four Hundred & Ninety Eight and Paise Seventy Six Only
24	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.	33.00	Kg	83.85	INR	2767.05	INR Two Thousand Seven Hundred & Sixty Seven and Paise Five Only



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

25	Internal wall painting two or more coats with oil bound washable acrylic emulsion paint of Dulux super clean or equivalent having antibacterial, antiviral property over a coat of good quality interior primer of interior grade. The painting surface to be prepared by rubbing the fungal surface with sand paper and / or with soapy water as per the requirement and direction of Engineer-in-charge.	263.03	Sqm	167.31	INR	44007.55	INR Forty Four Thousand & Seven and Paise Fifty Five Only
----	--	--------	-----	--------	-----	----------	---



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

26	<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.</p> <p>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.</p>	40.00	Rmt	292.37	INR	11694.80	INR Eleven Thousand Six Hundred & Ninety Four and Paise Eighty Only
----	---	-------	-----	--------	-----	----------	---



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
Indian Institute of Technology Bhubaneswar

27	Providing and fixing 9 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	12.50	Sqm	760.34	INR	9504.25	INR Nine Thousand Five Hundred & Four and Paise Twenty Five Only	
28	Providing and fixing aluminium door lock with 4 levers for aluminium doors including necessary cutting and making good etc. complete including cost of SS screws.	1.00	Pcs	664.40	INR	664.40	INR Six Hundred & Sixty Four and Paise Forty Only	
Total in Figures						287783.29	Two Lakh Eighty Seven Thousand Eight Hundred & Thirty Seven and Paise Twenty Nine Only	
Quoted Rate in Figures			Select			0.00	Zero Only	
Quoted Rate in Words		INR Zero Only						