CONTRACT OF			nme	110			ystem Gove				
MAL	e۲	1.1	Irem	ent		Tender	Details				
CON-	5	Sys	stem							Date : 24-0	Oct-2024 12:48 P
Basic	Deta	ils									🖨 Print
		Chain	IIT BH	UBANESV	VAR						
Fender Numbe	Refe		IITBBS/SE/Engg.Cell/20/2024-25								
Fender			2024 1	ITBR_83	2296 1	With	drawal Allow	ed	Y	es	
Fender	Type		Open 1			Forn	n of contract			/orks	
Fender			Works			No.	of Covers		2		
Genera	l Tech		No			Iten	Wise Technic uation Allowe		N	0	
Paymer	nt Mo	de	Offline			Is M For I	ulti Currency A	Allowed	N	0	
(s Multi Allowed			No			Allov	w Two Stage B	Bidding	N	0	
Pavm	enti	Instru	ments			Cove	⁻ Details, No	. Of Co	vere	- 2	
			iment Ty	ре		Cover No	Cover			 Iment Type	Description
	1	Demar	nd Draft			1	Fee/PreQual/1	Technical	.pdf		NIT
	2	FDR				2	Finance		.xls		BOQ
						L			1		
Tondo	r Fo	o Dota	ile [To	tal Foo	in ₹ * - 0.	001	EMD Fee De	taile			
Tender			0.00			EMD Amount 5,200			EMD	Yes	
Fee Pay			Nil	Fee Pa	yable At		in ₹	5,200		Exemption Allowed	res
Tender Exemp Allowe	tion		No				EMD Fee Typ		fixed EM		NA
Allowed	u						EMD Payable To	Regisrta Bhuban		EMD Payabl At	e Bhubaneswa
						-			(Click to view m	nodification histor
Work	/Ite	m(s)									
Title			Civil W	/ork							
Nork D	escri	ption		ing and fi neswar	xing Aluminiu	ım Partitio	n and false ceili	ng at SES	room	No.211 315 c	of IIT
	alifica	tion	Please	refer Te	nder documer	nts.					
Details			NA								
Details Indepe Externa	nl 👘	Monitor/Remarks Show Tender Value Yes in Public Domain									
Details Indeper Externa Monitor Show T	nl r/Ren ende	r Value	Yes								
Details Indeper Externa Monitor Show T n Publi	r/Ren ende c Dor	r Value nain		74	Product Ca	tegory	Civil Works	Sub cat	egory	, NA	
Details Indeper Externa Monitor Show T n Publi Fender	n r/Ren ende c Dor Value	r Value nain e in ₹	Yes 2,59,5 Tende		Product Ca Bid Validity		Civil Works 120	Sub cat Period ((Days)			
Show T	r/Ren ende c Dor Value ct Typ	r Value nain e in ₹	2,59,5 Tende	r neswar			120	Period (Of Wo	ing Eng	jineering Section Bhubaneswar

		05-Nov-2024 02:30 PM
		04-Nov-2024 02:00 PM
24 03:00 PM Clari	rification End Date	04-Nov-2024 02:00 PM
24 03:00 PM Bid S	Submission End Date	04-Nov-2024 02:00 PM
2	Dat 24 03:00 PM Clar	Date 24 03:00 PM Clarification End Date

I.	Tender Do	cume	uments						
	NIT Document	S.No Document Name			Description	Document Size (in KB)			
		1 Tendernotice_1.pdf			Providing and fixing Al ceiling at SES room No Bhubaneswar	1644.96			
	Work Item Documents	S.No	Document Type	Documen	t Name	Description	Document Size (in KB)		
-		1	BOQ	BOQ_87457	75.xls	Financial Bid	273.00		
J									

I	Bid Open			
	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	DIPTI RANJAN PATTANAIK
1	3.	sambit@iitbbs.ac.in	Sambit Ranjan Mohanty	SAMBIT RANJAN MOHANTY

1	Tender Properties							
	Auto Tendering Process allowed	No	Show Technical bid status	Yes				
	Show Finance bid status		Stage to disclose Bid Details in Public Domain	Technical Bid Opening				
	BoQ Comparative Chart model		BoQ Compartive chart decimal places	2				
	BoQ Comparative Chart Rank Type	L	Form Based BoQ	No				
1			· · · · · · · · · · · · · · · · · · ·					

I TIA Undertaking

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

I

Tender Inviting Authority					
Name	EE Civil				
Address	IIT Bhubaneswar Argul Jatni				

	Tender Creator De	ator Details		
	Created By	Dipti Ranjan Pattanaik		
T	Designation	Assistant Executive Engineer(Civil)		
	Created Date	24-Oct-2024 12:35 PM		



अरगूल/Argul, जटनी/ Jatni, खुरधा / Khurda, ओर्डिशा/ Odisha - 752050 दूरभाष/Tel: +91 6747138700, वेब/web: www.iitbbs.ac.in

<u>INDEX</u>

Name of Work: Providing and fixing Aluminium Partition and false ceiling at SES room No.211 & 315 of IIT Bhubaneswar.

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NIT amounting to Rs.2,59,573.63 (Rupees two lakhs fifty nine thousand five hundred seventy three and paise sixty three) only is approved.

[Certified that this N.I.T. contains 30 pages + BOQ contains 09 pages Total 39 pages only].

Executive Engineer(Civil) IIT Bhubaneswar



INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR ENGINEERING SECTION

Notice Inviting e-Tenders No. IITBBS/SE/Engg.Cell/20/2024-25

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/20/2024-25,

Name of work: Providing and fixing Aluminium Partition and false ceiling at SES room No.211 & 315 of IIT Bhubaneswar. Estimated cost Rs.2,59,573.63 (excluding GST). Earnest money Rs. 5,200/-Period of completion 30 days

Last time & dated of submission of bid 2.00PM on 04.11.2024

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

No. IITBBS/SE/Engg.Cell/20/2024-25 Dated: 24.10.2024 Executive Engineer (Civil)







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.	20/Civil/2024-25	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 open ing of ten der
1	NIT No. 20/Civil,	Providing and fixing Aluminium Partition and false ceiling at SES room No.211 & 315 of IIT Bhubaneswar.	2,59,573.63	5,200/-	30 days	Up to 2:00 PM on 04.11.2024	Date and time of submission of hard copy tender with EMD up to 2:00 PM on 04.11.2024	At 2:30 PM on 05.11.2024

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.



- 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 <u>www.iitbbs.ac.in</u> or <u>https://eprocure.gov.in/eprocure/app</u> and shall be submitted online through website <u>https://eprocure.gov.in/eprocure/app</u>.
- 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 E M D 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.



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 **Providing and fixing Aluminium Partition and false ceiling at SES room No.211 & 315 of IIT Bhubaneswar**..

CPWD-6 FORM e-Tendering

- 1 The work is estimated to **Rs.2,59,573.63 (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
 - (ii) 2 (two) similar works* of value 60 % of estimated cost during last seven years
 - (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.

- 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. The details are to be submitted at Annexure-F along with the CA certified statements.
- D. Agencies that are debarred or blacklisted by any Govt. Departments are not eligible to participate in the tender. A notarized Certificate 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 payable amount against the work if any, will be forfeited.



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

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

- 4. Agreement shall be drawn with the successful tenderers on prescribed 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 **30 days 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 <u>www.iitbbs.ac.in</u> and shall be submitted online on website <u>www.eprocure.gov.in</u>. 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 04.11.2024.

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 **05.11.2024.** The earnest money given by all the bidders except the lowest bidder should be refunded immediately after the expiry of bid validity period or immediately after acceptance of the bid of the successful bidder, whichever is earlier. Earnest money of the successful bidder shall be refunded on receipt of Performance guarantee submitted on award of LOI/LOA.



- 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. If the bidder quoted below 10% than the estimated cost, the bidder has to deposit additional performance guarantee on the differential amount between the quoted amount and 10% of the estimated cost 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.
- 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.
- 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 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 of CPWD 2023 for maintenance work 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.



Standard form of Agreement

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Tender for the work of	
(i) To be Submitted/uploaded by hours on Tofupload at https://eprocure.gov.in	
(ii) To be opened in presence of tenderers who may be present at	hours

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

<u>TENDER</u>

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.



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.

Signature of Contractor

Postal Address

Witness:

Dated

Address:

Occupation:

ACCEPTANCE

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. To make aluminium partitions to be made with extruded aluminium sections as per the layout drawing.
- 2. Out of the three divisions along the vertical parts, top part & bottom parts will be fixed with 9mm thick particle boards and middle parts will be fixed with glass.
- 3. False ceiling to be fixed at a height below the roof beam/fire pipes.
- 4. The agency has to submit the proof of the material purchase for different works including submission of the GST invoices at any time for verification by Engineering Section.
- 5. The agency has to complete the work specified in the BOQ including the supply, fitting, fixing and testing etc. all complete.
- 6. The agency has to cover tables, chairs and other materials before the execution of the painting work and clean the floor, wall, sides of door / window frames after completion of the painting without claiming any additional cost for the work.
- 7. The agency has to arrange scaffoldings required for the above said work and no additional cost will be paid for the scaffoldings.



PROFORMA OF SCHEDULES

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

SCHEDULE 'A'

Schedule of Quantities:

Page 31 to 39

SCHEDULE 'E'

Reference to General Conditions of contract

Name of Work:						
Estimated cost of the work:	Civil Work	Rs. 2,59,573.63				
Earnest money	Rs. 5,	200/-				
	(EMD will be refunded after submissior	n of performance guarantee)				
Performance Guarantee and LOI	Performance Security. The performant after satisfactory completion of the completion certificate. If the bidder estimated cost the bidder has to de security on the differential amount be 10% of the estimated cost. The agency has to visit the site and att	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 deducted from all running account and final bills and will be kept security deposit in IIT Bhubaneswar. S.D can be released aft 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



Maximum percentage of quantity of items of	Not Applicable & Accepted Rate will be
work to be executed beyond which rates are	constant for any quantum of variation
to be determined in accordance with Clause	
12.2.& 12.3 :	

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 I To cover all overheads and profits	abour 15%
2(x)(a)	•	DSR' 2021
2(xi)	Department:	IIT Bhubaneswar.
9(ii)	Standard CPWD contract Form:	GCC 2023 for maintenance work, CPWD 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 including the time allowed 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



Clause 7

Gross work (excluding GST) to be done together with net payment /adju advances for material collected, if any, since the last such payment for being eligible to interim payment	ustment of Rs.2.60 Lakhs
Clause 10B (ii) WhetherClause10B (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
	Contractor Liable for Damages, defects during defect liability Period	12 Months from the date of completion of work.
Clause 18	1 LOOIS & plants to be deployed	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 **30 days.**
- 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 28.10.2024 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 <u>se.office@iitbbs.ac.in</u> and <u>diptiranjan@iitbbs.ac.in</u> 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







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.
- 5.1 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.
- 5.2 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.
- 5.3 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.
- 6. 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.

- 7 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.
- 8 It shall be ensured by the contractor that no electric live wire is left exposed or unattended to avoid any accidents in this regard.
- 9 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.
- 10. 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.
- 11. The contractor shall submit the proof of payment of royalty on sand, chips etc or valid transit pass, royalty as applicable.
- 12.1 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.
- 13.0. Contractor's job will also include removing of all debris arising in the process of execution of the work, at no extra cost.
- 14.0 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.
- 15.0 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.
- 16.0 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 future tendering process at IITBBS.



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 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 for road works. 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.
- 3. 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.
- 4. 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.
- 5. 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.
- 6. 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.
- 7. 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.



GENERAL SPECIFICATION FOR CIVIL WORKS

- 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 Engineerin-Charge. Wherever CPWD specifications are silent the latest IS codes/specification shall be followed.
- 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. The rate for all items in which the use of cement is involved is inclusive of charges for curing.
- 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).



Annexure-A

APPROVED MAKE LIST OF MATERIALS TO BE USED

SL. NO.	ITEM	M 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/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



Annexure-B

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.



Annexure-C

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

(TO BE ISSUED BY THE CCONRACTOR 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:



Annexure-D

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:_____

l/We,	M/s					(Con	tract	or)	do
hereby	acknowledge and	d confirm	that we have	already	submitted	final	bill	vide	Bill
No	, dt		for Rs		in respe	ect of o	our a	fores	said
Work	order/Contract	No		dtd			_ i	ncluc	ling
amend	ments, if any, issue	d by IIT Bh	ubaneswar. Afte	er payme	nt of above	menti	oned	l final	bill
	t by IIT Bhubanesw he said contract ex			atsoever	pending wi	th IIT E	Bhub	anes	war

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 CERRTIFICATE: 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:	

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Annexure-E

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)	



Annexure-F

1.	Financial turnover of the Organisation for the last 3 years (Attach CA certified statements)						
	Turnover	2021-21	2022-23	2023-24	Average		
	(IN CRORE)						

- It is hereby certified that (the bidding agency herein) has never been blacklisted by Central/State Governments/PSUs. (Attach notarised certificate)
- It is hereby submitted that all the terms and conditions of this NIT 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)



Percentage BoQ

Tender Inviting Authority: Executive Engineer(Civil)

Name of Work: Providing and fixing aluminium partition and false ceiling at SES Room no 211 & 315 of IIT Bhubaneswar .

Contract No: IITBBS/SE/Engg.cell/20/2024-25

Name of the Bidder/ Bidding Firm / Compan y :							
(This BOC	Q template must not be modified/re liable to be rejecte						s, else the bidder is
NUMBE R #	TEXT #	NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER #	TEXT #
SI. 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

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		4	F	•	40	-	0
1	2	4	5	6	12	7	8
1	DSR-2021, Item No.21.1.1.2	251.40	Kg	420.18	INR	105633.25	INR One Lakh
	Providing and fixing aluminium work for						Five Thousand
	doors, windows, ventilators and						Six Hundred &
	partitions with extruded built up						Thirty Three and
	standard tubular sections/ appropriate Z						Paise Twenty
	sections and other sections of approved						Five Only
	make conforming to IS: 733 and IS: 1285,						
	fixing with dash fasteners of required dia						
	and size, including necessary filling up						
	the gaps atjunctions, 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)						



2	DSR-2021, Item N	0.21.1.2.2	27.80	kg	508.94	INR	14148.53	INR Fourteen
	Providing and fixing	ng aluminium work						Thousand One
	for doors, window	ws, ventilators and						Hundred & Forty
	partitions with e	extruded built up						Eight and Paise Fifty Three Only
	standard tub	oular sections/						
	appropriate Z se	ections and other						
	sections of	approved make						
	conforming to IS:	733 and IS: 1285,						
	fixing with dash fa	steners of required						
	dia and size, in	ncluding necessary						
	filling up the gaps	at junctions, i.e. at						
	top, bottom and s	sides with required						
	EPDM rubber/ ne	oprene gasket etc.						
	Aluminium section	ns shall be smooth,						
	rust free, straight,	mitred and jointed						
	mechanically w	herever required						
	including cleat	angle, Aluminium						
	snap beading for	glazing / paneling,						
	C.P. brass / stainle	ess steel screws, all						
	complete as	per architectural						
	drawings and t	the directions of						
	Engineer-in-charg	e. (Glazing,						
		sh fasteners to be						
	paid for separately							
		doors, windows &						
		ling providing and						
		ivots and making						
	provision for f	fixing of fittings						
	wherever required	d including the cost						

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	of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)						
3	DSR-2021, Item No.21.3.2 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.	23.80	Sqm	1194.46	INR	28428.15	INR Twenty Eight Thousand Four Hundred & Twenty Eight and Paise Fifteen Only
4	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	2.00	Pcs	210.05	INR	420.10	INR Four Hundred & Twenty and Paise Ten Only
5	DSR-2021, Item No.21.16.2 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	4.00	Pcs	80.74	INR	322.96	INR Three Hundred & Twenty Two and Paise Ninety Six Only
6	DSR-2021, Item No.9.151 Providing and fixing steel roller for	4.00	Pcs	85.51	INR	342.04	INR Three Hundred & Forty Two and Paise Four Only

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		तीय प्रौद्योगिव titute of Te					
·	sliding door with necessary screws etc. complete.						
7	DSR-2021, Item No.9.830 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.		Pcs	924.21	INR	1848.42	INR One Thousand Eight Hundred & Forty Eight and Paise Forty Two Only



8	DSR-2021, Item No.12.52.4	75.80	Pcs	1124.12	INR	INR Eighty Five
	Providing and fixing tiled false ceiling					Thousand Two
	of specified materials of size 595x595					Hundred & Eight
	mm in true horizontal level,					and Paise Thirty Only
	suspended on inter locking metal grid					Only
	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 27 x 37 x 25 x1.6 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. With 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									
9	Market rate 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.	28.10	Sqm	760.34	INR	21365.55	INR Twenty One Thousand Three Hundred & Sixty Five and Paise Fifty Five Only			
10	Market rate Providing and fixing zinc alloyed (white powder coated) 4 Lever Locking Mechanism Hook Bolt Key Lock or Narrow stile 4 levers mortise of goodrej or equivalent make for sliding / openable door with necessary screws etc. complete	1.00	Pcs	527.53	INR	527.53	INR Five Hundred & Twenty Seven and Paise Fifty Three Only			
11	Market rate 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.	2.00	Pcs	664.40	INR	1328.80	INR One Thousand Three Hundred & Twenty Eight and Paise Eighty Only			

		ही संस्थान भुव chnology Bl	नेश्वर Iubaneswar			
Total in Figures					259573.63	Two Lakh Fifty Nine Thousand Five Hundred & Seventy Three and Paise Sixty Three Only
Quoted Rate in Figures		Select			0.00	Zero Only
Quoted Rate in Words			INR Zer	o Only		·