

 Government eProcurement System	eProcurement System Government of India
Tender Details	
Date : 30-Oct-2024 05:07 PM	

 Print**Basic Details**

Organisation Chain	IIT BHUBANESWAR		
Tender Reference Number	IITBBS/SE/Engg.Cell/11/2024-25		
Tender ID	2024_IITBR_833263_1	Withdrawal Allowed	Yes
Tender Type	Open Tender	Form of contract	Works
Tender Category	Works	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Offline	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Payment Instruments

Offline	S.No	Instrument Type
	1	Demand Draft
	2	FDR

Cover Details, No. Of Covers - 2

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

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

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

EMD Fee Details

EMD Amount in ₹	12,100	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 work				
Work Description	Construction of Parking sheds for Ambulances at Sanjeevan Health Centre				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor/Remarks	NA				
Show Tender Value in Public Domain	Yes				
Tender Value in ₹	6,01,247	Product Category	Civil Works	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	120	Period Of Work (Days)	60
Location	Engineering Section IIT Bhuabneswar Main Building	Pincode	752050	Pre Bid Meeting Place	Engineering Section
Pre Bid Meeting Address	Engineering Section 3rd floor main building IIT Bhubaneswar Argul Jatni Odisha	Pre Bid Meeting Date	01-Nov-2024 11:30 AM	Bid Opening Place	Engineering Section

Should Allow NDA Tender	No	Allow Preferential Bidder	No
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Critical Dates			
Publish Date	30-Oct-2024 05:07 PM	Bid Opening Date	07-Nov-2024 02:30 PM
Document Download / Sale Start Date	30-Oct-2024 06:15 PM	Document Download / Sale End Date	06-Nov-2024 02:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	30-Oct-2024 06:30 PM	Bid Submission End Date	06-Nov-2024 02:00 PM

Tender Documents					
NIT Document	S.No	Document Name	Description	Document Size (in KB)	
	1	Tendernotice_1.pdf	Construction of Parking sheds for Ambulances at Sanjeevan Health Centre	1669.30	
Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_875617.xls	Financial bid	264.00

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

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

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

Tender Inviting Authority	
Name	EE(Civil)
Address	Engineering Section 3rd floor main building IIT Bhubaneswar Argul Jatni Odisha

Tender Creator Details	
Created By	Dipti Ranjan Pattanaik
Designation	Assistant Executive Engineer(Civil)
Created Date	30-Oct-2024 04:57 PM



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NIT amounting to **Rs.6,01,247.94** (Rupees six lakhs one thousand two hundred forty seven and paise ninety four) only is approved.

[Certified that this N.I.T. contains **30** pages + BOQ contains **06** pages Total **36** pages only].

Executive Engineer(Civil)
IIT Bhubaneswar



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**INDIAN INSTITUTE OF TECHNOLOGY
BHUBANESWAR
ENGINEERING SECTION**

Notice Inviting e-Tenders No. IITBBS/SE/Engg.Cell/11/2024-25

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/11/2024-25,

Name of work: **Construction of Parking sheds for Ambulances at Sanjeevan Health Centre.**

Estimated cost **Rs.6,01,247.94 (excluding GST).**

Earnest money Rs. 12,100/-,

Period of completion 2 months,

Last time & dated of submission of bid 2.00PM on 06.11.2024

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/11/2024-25 Dated: 30.10.2024

Executive Engineer (Civil)



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PART-A



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

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

S. No.	Name of work and location	Estimated cost put to Tender (excluding GST). (in Rs.)	Earnest Money	Period of Completion	Last date & time of submission of tender	Period during which EMD, and other Documents shall be submitted in hard copy	Time & date of opening of tender
1	NIT No. 20/Civil/2024-25 Construction of Parking sheds for Ambulances at Sanjeevan Health Centre	6,01,247.94	12,100/-	2 months	Up to 2:00 PM on 06.11.2024	Date and time of submission of hard copy tender with EMD up to 2:00 PM on 06.11.2024	At 2:30 PM on 07.11.2024

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.



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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 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.



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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 **Construction of Parking sheds for Ambulances at Sanjeevan Health Centre.**

CPWD-6 FORM e-Tendering

- 1 The work is estimated to **Rs.6,01,247.94 (excluding GST)**. This estimate, however, is given merely as a rough guide. The quoted rates should be without GST and GST as per norm will be reimbursed after submission of proof of actual payment & Tax Invoice.
- 2 **Criteria of eligibility: The Intending Bidder should qualify technically for all of the following criteria for being eligible to participate in the Financial Bid Opening Process.**
 - A. The eligible contractors mean contractors should have experience of Similar Works* in Government Organisations, PSUs, Local bodies etc. The bidder has to submit definite proof from the appropriate authority of having satisfactorily completed any of the following:
 - (i) 3 (three) similar works* of value **40%** of estimated cost during last seven years
or
 - (ii) 2 (two) similar works* of value **60** % of estimated cost during last seven years
or
 - (iii) 1 (one) similar work* of value **80%** of estimated cost during last seven years.
 - * Similar works means civil construction and / or repair maintenance work.
 - B. Registration with GST Authorities. Bidder has to submit proof of valid registration documents.
 - C. The average annual financial turnover during the immediate last 3 consecutive financial years (FY 2020-21, FY 2021-22 and FY 2022-23) Should be at least 75% 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.



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

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

- 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.
- 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.
- 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 of 10:00 AM to 5:00 PM on any working day.
- 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.
- 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 **06.11.2024**.
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 **07.11.2024**. 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.
- 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. **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 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 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.



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Standard form of Agreement

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Tender for the work of

(i) To be Submitted/uploaded by..... hours on

To...../upload at <https://eprocure.gov.in>

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

TENDER

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

I/We hereby tender for the execution of the work specified for the Institute within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for days from the due date of its opening in case of single bid system from the date of opening of technical bid in case tenders are invited on 2 /3 bid/ system for specialised work and not to make any modification in its terms and conditions.

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

A copy of earnest money deposit receipt of prescribed amount deposited in the form of Multiple Demand Draft/ Fixed Deposit Receipts (as prescribed) issued by a Commercial Bank, is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the Executive Engineer or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/ We agree that Executive Engineer or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents.



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

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

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

Dated

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

ACCEPTANCE

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

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

(a)

(b)

(c)

For & on behalf of the Director,
IIT Bhubaneswar

Dated:

Signatures

Designation



SCOPE OF WORK

1. The scope of the work includes but not limited to the followings.
 - Earth work excavation and back filling of excavated earth.
 - Construction of 8 Nos. footings including PCC(1:4:8) and RCC M-25 grade cement concrete.
 - Providing steel reinforcement including bending, binding and shuttering etc complete.
 - Providing and fixing of structural steel work for supporting and the top finish with precoated galvanized profile sheet of 0.50mm (+0.05%) total coated thickness.
 - Providing and fixing of 60mm thick chamfered edge cement concrete paver blocks for parking.
 - Providing and lying factory made kerb stone of M-25 grade cement concrete in edge of the parking.
 - Surface dressing of the ground including removing vegetation and inequalities not exceeding 15cm deep.
2. The agency will submit the work schedule for completion of the work in the stipulated time period.
3. The test and warranty certificates should be submitted by the agency time to time as per the requirement of Institute.
4. The agency will maintain various registers, such as the stock registers and daily progress log, which must be duly signed by both the representatives of the agency and IIT Engineer. Only upon the successful completion and verification of each stage and the work will be permitted to proceed the next stage.
5. The contractor should deploy adequate manpower at the worksite during execution of the work. The supervisor of the agency will oversee daily progress and relevant record keeping register as per BOQ with prior information to the Engineering section.
6. 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.
7. The agency has to complete the work specified in the BOQ including the supply, fitting, fixing and testing etc. all complete.



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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 36

SCHEDULE 'E'

Reference to General Conditions of contract

Name of Work:		
Estimated cost of the work:	Civil Work	Rs. 6,01,247.94
Earnest money	Rs. 12,100/- (EMD will be refunded after submission of performance guarantee)	
Performance Guarantee and LOI	5% of the tendered value of the composite work will be deposited as Performance Security. The performance security shall be refunded after satisfactory completion of the work and recording of the completion certificate. If the bidder quoted below 10% than the estimated cost the bidder has to deposit additional performance security on the differential amount between the quoted amount and 10% of the estimated cost. The agency has to visit the site and attend the office for a meeting to start the work within seven days of issue of Letter of Intent.	
Security Deposit	Security deposit @ 5% of the gross amount of the bill shall be deducted from all running account and final bills and will be kept as security deposit in IIT Bhubaneswar. S.D can be released after completion of the defect liability period from the date of completion of work.	

SCHEDULE 'F'

General rules and direction:

Officer inviting tender

Executive Engineer,
Engineering Section
IIT Bhubaneswar



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

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

Definitions:

2(vi)	Engineer-in-Charge	Executive Engineer, Engineering Section IIT Bhubaneswar
2(viii)	Accepting Authority	Executive Engineer, Engineering Section IIT Bhubaneswar
2(x)	Percentage on cost of materials and labour	15%
	To cover all overheads and profits	
2(x)(a)	Standard Schedule of Rates	DSR' 2021
2(xi)	Department:	IIT Bhubaneswar.
9(ii)	Standard CPWD contract Form:	GCC 2023 for maintenance work, CPWD Corrected up to the date of NIT.

Clause-1

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

Authority to decide:

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

Clause 6

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

- Mode of measurement : CMB / MB



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Clause 7

Gross work (excluding GST) 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.6.01 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 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 **01.11.2024 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 diptiranjana@iitbbs.ac.in with advance intimation and obtaining the link to attend the Video Conference.
11. The initial qualification of bidder will be based on the fulfilment of qualifying criteria mentioned elsewhere in this document.
12. The Engineer-in-charge can reduce the scope of work



PART-B



ADDITIONAL TERMS AND CONDITIONS

- 1 Unless otherwise provided in the Schedule of Quantities/Specifications, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the work and nothing extra shall be payable to him on account of the same.
- 2 Other agencies doing works related with this project may also simultaneously execute their works and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, openings etc. for laying/burying in the work, pipes cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for the other agencies. Nothing extra over the Agreement rates shall be paid for doing these.
- 3 Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials etc. The contractor may provide the list of workers engaged for the construction work along with their valid government address proof for issue of gate pass for the scheduled period of the work. The contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on account of the same.
- 4.1 The building work shall be carried out in the manner complying in all respects with the requirements of the relevant bylaws and regulations of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-charge and nothing extra shall be paid on this account.
- 5.1 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

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

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



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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).



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Annexure-A

APPROVED MAKE LIST OF MATERIALS TO BE USED

SI No	Type of Material	Approved Brand
01.	Cement (OPC/PPC/PSC)	ACC / Ultratech / Ambuja / Lafarge / Birla
02.	Synthetic Enamel paint	Asian paint/ Berger/Nerolac/Dulux
03.	Reinforcement Steel	TATA / SAIL / RINL/JINDAL
04.	Structural Steel	TATA / SAIL / RINL/JINDAL

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



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Annexure-B

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.



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Annexure-C

**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:



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:



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)	



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Annexure-F

1.	Financial turnover of the Organisation for the last 3 years (Attach CA certified statements)				
	Turnover (In Lakhs)	2021-22	Turnover (In Lakhs)	2023-24	Turnover (In Lakhs)

- It is hereby certified that (the bidding agency herein) has never been black-listed 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)



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Percentage BoQ

Tender Inviting Authority: Executive Engineer(Civil)

Name of Work: Construction of Parking sheds for Ambulances at Sanjeevan Health Centre.

Contract No: IITBBS/SE/Engg.cell/11/2024-25

Name of the Bidder/ Bidding Firm / Company :	
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PRICE SCHEDULE

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

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	Quoted Currency in INR / Other Currency	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words



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1	2	4	5	6	12	7	8
1	DSR-2021, Item No.2.6.1 Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. All kinds of soil	40.00	Cum	185.13	INR	7405.20	INR Seven Thousand Four Hundred & Five and Paise Twenty Only
2	DSR-2021, Item No.2.7.3 Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge. Hard rock (blasting prohibited)	42.00	Cum	1067.17	INR	44821.14	INR Forty Four Thousand Eight Hundred & Twenty One and Paise Fourteen Only
3	DSR-2021, Item No.2.25 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	60.00	Cum	228.83	INR	13729.80	INR Thirteen Thousand Seven Hundred & Twenty Nine and Paise Eighty Only
4	DSR-2021, Item No.1.1.2 Transporting the avable earth with lead of 2 km including loading,unloading and stacking etc complete as per the direction of the Enginner in charge.	30.00	Cum	183.81	INR	5514.30	INR Five Thousand Five Hundred & Fourteen and Paise Thirty Only



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5	DSR-2021, Item No.4.1.8 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	2.50	Cum	5700.41	INR	14251.03	INR Fourteen Thousand Two Hundred & Fifty One and Paise Three Only
6	DSR-2021, Item No.4.1.6 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 40mm nominal size derived from natural sources	7.50	Cum	6010.57	INR	45079.28	INR Forty Five Thousand & Seventy Nine and Paise Twenty Eight Only
7	DSR-2021, Item No.4.3.1 Centering and shuttering including strutting, propping etc. and removal of form work for :Foundations, footings, bases for columns.	15.00	Sqm	277.49	INR	4162.35	INR Four Thousand One Hundred & Sixty Two and Paise Thirty Five Only
8	DSR-2021, Item No.4.3.3 Centering and shuttering including strutting, propping etc. and removal of form work for :Columns, piers, abutments, pillars, posts and struts.	21.00	Sqm	724.71	INR	15218.91	INR Fifteen Thousand Two Hundred & Eighteen and Paise Ninety One Only
9	DSR-2021, Item No.5.33.1.1 Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in	7.00	Cum	7206.38	INR	50444.66	INR Fifty Thousand Four Hundred & Forty Four and Paise Sixty Six Only



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	recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. All works up to plinth level.						
10	DSR-2021, Item No.5.22.6 Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.Thermo-Mechanically Treated bars of grade Fe-500D or more	900.00	Kg	80.78	INR	72702.00	INR Seventy Two Thousand Seven Hundred & Two Only
11	DSR-2021, Item No.10.16.1 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	1400.00	Kg	139.58	INR	195412.00	INR One Lakh Ninety Five Thousand Four Hundred & Twelve Only
12	DSR-2021, Item No.13.61.1 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	46.00	Sqm	118.45	INR	5448.70	INR Five Thousand Four Hundred & Forty Eight and Paise Seventy Only
13	DSR-2021, Item No.16.91.1 Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper	72.00	Sqm	840.14	INR	60490.08	INR Sixty Thousand Four Hundred & Ninety and Paise Eight Only



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	embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. 60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.						
14	DSR-2021, Item No.16.69 Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	2.00	Cum	7761.68	INR	15523.36	INR Fifteen Thousand Five Hundred & Twenty Three and Paise Thirty Six Only
15	DSR-2021, Item No.12.65.4 Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be	81.00	Sqm	605.13	INR	49015.53	INR Forty Nine Thousand & Fifteen and Paise Fifty Three Only



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	supplied in single length upto 12 metre or as desired by Engineerin- charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.						
16	DSR-2021, Item No.2.28 Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. All kinds of soil	80.00	Sqm	25.37	INR	2029.60	INR Two Thousand &Twenty Nine and Paise Sixty Only
Total in Figures						6,01,247.94	Six Lakh One Thousand Two Hundred & Forty Seven and Paise Ninety Four Only
Quoted Rate in Figures			Select			-	Zero Only
Quoted Rate in Words		INR Zero Only					