

**INDIAN INSTITUTE OF TECHNOLOGY JODHPUR
NH-65 NAGOUR ROAD KARWAR JODHPUR**

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This Tender document contains pages from One to one hundred three only.

NIT Amounting to Rs. 4,12,63,499.00 (Rupees Four Crore Twelve Lacs Sixty three Thousand Four Hundred Ninety-nine Only)

Superintending Engineer
IIT Jodhpur

NOTICE INVITING E-TENDERS

Superintending Engineer, Indian Institute of Technology Jodhpur invites online Percentage Rate Tender from Firms/ Contractors for the following work:

1. NIT No : IITJ/OIE/2026-2027/17
2. Name of Work : Annual Repair and Maintenance Operation (ARMO) -Civil Works at Indian Institute of Technology Jodhpur (IITJ) Karwar - 342030 for one year
3. Sub Head : Maintenance work (Civil)
4. Estimated cost : Rs.4,12,63,499.00
5. Earnest Money : Rs. 8,25,270.00
6. Period of completion : 12 Months
7. Last time & date of submission of bid: **01/07/2026 up to 3:00 pm (on line)**

The bid forms and other details can be obtained from the website www.iitj.ac.in or e-procure.gov.in free of cost. For more clarification you may visit on above website.

**Superintending Engineer
IIT Jodhpur**

Copy to: -

1. DOIP
2. ADCI
3. Executive Engineer (Civil)
4. Assistant Executive Engineer (Civil-I)
5. Assistant Executive Engineer (Civil-II)
6. Junior Engineer (Civil-III)
7. Office Copy

JE(C)-III

AEE(C)-I

AEE(C)-II

EE(C)

<https://www.iitj.ac.in/Tenders>

INDIAN INSTITUTE OF TECHNOLOGY: JODHPUR
NH-65 NAGOUR ROAD KARWAR JODHPUR

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING (Tender Notice)

Superintending Engineer, IIT Jodhpur invites online **Percentage Rate Tender** from Firms/ Contractors for Civil works of the following work:

SL. No.	NIT No.	Name of Work	Estimated Cost put to bid (in Rs.)	Earnest Money (in Rs.)	Stipulated Period of Completion of work (in months)	Tender Fees (in Rs.)
1	IITJ/OI E/2026- 27/17	Name of work: Annual Repair and Maintenance Operation (ARMO) -Civil Works at Indian Institute of Technology Jodhpur (IITJ) Karwar - 342030 for one year Sub Head: - Maintenance Work (Civil)	4,12,63,499.00	8,25,270.00	12	1500/-

Last date and time of submission of financial & Technical bid :- 01/07/2026 upto 3:00 pm (on line)

Date and time of opening of Technical bid :- 02/07/2026 at 3:00 pm

Price bids of eligible bidders as per NIT shall be opened at a later date after scrutiny of Technical bids.

1. The successful bidders shall be required to submit a performance guarantee in the form of Bank Guarantee or F.D.R. from a Nationalized/Scheduled Bank within 07 days of issue of letter of intent before award of work. In case the contractor failed to deposit the performance guarantee within the specified period, full earnest money will be forfeited and the tender shall be treated as void. The performance guarantee shall be initially valid up to the stipulated date of completion plus 06 months beyond. Performance Guarantee shall be:-
 - (a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher).
 - (b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.
2. Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted.

Firms/Contractors must have satisfactorily completed the Works of the value as defined below during last 7 years ending on date 30.04.2026

- a) One similar Civil maintenance/ Composite work* (Civil part) amounting to Rs. 3,30,10,800.00
- b) Two similar Civil maintenance/ Composite work* (Civil part) and each single work amounting to Rs. 2,47,58,100.00
- c) Three similar Civil maintenance/ Composite work* (Civil part) and each single work amounting to Rs. 1,65,05,400.00

***During the evaluation experience for composite work shall be considered for civil component of the completed work only. No Running works shall be considered.**

- i. **Earnest money of Rs. 8,25,270.00** in the form of Banker's cheque or Demand draft or fixed deposit receipt of a schedule bank drawn in favour of **Revenue Account, I.I.T. Jodhpur** or **online payment as per details given in NIT**. The EMD submitted in the shape of a Bank Guarantee (BG) shall remain **valid for a minimum period of 180 days** from the last date of receipt of bid.

No relaxation in EMD will be allowed for MSME and MSEs as per CPWD works manual.

3. The intending bidder must read the terms and conditions of IITJ/CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
4. Information and Instructions for bidders posted on website shall form part of bid document.
5. The bid 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 can be seen and downloaded from website <http://eprocure.gov.in/eprocure/app> in free of cost.
6. Completion certificates issued by an officer not below the rank of Executive Engineer of similar works completed by the Agency.
7. Work means only work under Government/ Public Sector Under taking / Autonomous bodies.
8. **Similar work** defined in point no. 2 above.
9. The value of executed work shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum calculated from the date of completion to last date of submission of financial bid.
10. IIT Jodhpur is committed to follow the principle of transparency, equity and competitiveness in public procurement. Before submission of bid each bidder should sign integrity pact at respective places and submit the bid, **if duly signed integrity pact is not submitted by bidder such bid shall not be considered.**
11. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
12. The intending bidder must have valid class-III digital signature to submit the bid.
13. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
14. Contractor can upload documents in the form of JPG format and PDF format.
15. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.
16. In e-Tendering intending bidder can quote his rates in figures only. The rates in words, amount of each item and total is generated automatically. Therefore, the rate quoted by the bidder in figures is to be taken as correct.
17. The bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker's Cheque or Deposit at call Receipt or Fixed Deposit Receipts and towards cost of EMD(if applicable) in favour of **Director, I.I.T. Jodhpur** to be deposited with <http://eprocure.gov.in/eprocure/app> / NEFT facility.
18. **The EMD undertaking uploaded shall be deposited by the lowest tenderer within a week after opening of financial bid failing which the tender shall be rejected.**
19. The following undertaking in this regard shall be uploaded by intending bidders "EMD declaration as per page-06 duly signed and uploaded with Technical bid.
20. Copy of enlistment order and certificate of work completion and other documents as specified in the Press Notice / web notice shall be scanned and up-loaded to the e-Tendering website within the period of bid submission. However, certified / original copy of all the scanned and up-loaded documents as specified in press notice web / notice shall have to be submitted by the lowest bidder only along with physical EMD Declaration of the scanned copy of EMD Declaration uploaded **within a week** physically in the office of e-tendering authority and it shall be sole responsibility of lowest bidder.

21. Online bid documents submitted by intending bidders shall be opened only of those bidders, who has Filled EMD declaration as per page-06 and other documents scanned and uploaded are found in order.

22. The bid submitted shall become invalid if:

- a. The bidder does not upload all the documents (including GST registration) as stipulated in the bid document including the undertaking as per EMD declaration as per page-06.
- b. If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest tenderer in the office of tender opening authority.
- c. **The lowest bidder does not deposit original EMD Declaration within a week of opening of tender.**
- d. In the event of tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power of attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act 1932, above not submitted.

23. Bid validity shall be 90 days after opening of financial bids.

24. List of Documents to be scanned and uploaded within the period of bid submission:

1. Performa of EMD declaration (Duly sealed and signed by Bidders on Firm's letter head) as given on page-06
2. Valid Enlistment order of contractor.
3. Attested certificate of work completion.
4. Certificate of Registration for GST and acknowledgement of up to date filed return of GST.
5. **Affidavit on Rs. 100/- Non judicial Stamp paper as per Notice Inviting Tender Condition 1.2 of IITJ/CPWD -6 for e-tendering.**
 1. Affidavit shall be purchased /notorised on or after NIT published date but on or before last date of submission of NIT.
 2. Affidavit must have "NIT/tender reference number" and "Name of work" and shall be used once for each fresh tender.
 3. **No back dated** affidavit shall be entertained and non-compliance of point (i) & (ii) shall lead to rejection of the tender.

I/We undertake and confirm that eligible similar works(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 IITJ 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. (Scanned copy to be uploaded at the time of submission of bid)
6. Acceptance to execute INTEGRITY PACT.
7. Scanned Copy of EMD submission/UTR details.
8. ESI & EPF registration.
9. FORM "F" (Duly filled with all required details).
10. Tender Fee of **Rs. 1500/-** in favor of IITJ to be deposited in IITJ Canara Bank (A/c No. 3399101000631 & IFSC CNRB0003399) and receipt copy to be scanned & uploaded in tender (technical bid) or this fees can be directly paid to as RTGS/NEFT to Revenue Account, IIT Jodhpur.
11. In case of partnership firm, submission of power of Attorney **on a non-judicial stamp paper**, duly signed by all partners of the bidding firm is mandatory without which bidding firm tender shall be rejected.

*Name of work/ NIT no. should be clearly mentioned on every undertaking, Affidavit etc.

Proforma for Earnest Money Deposit Declaration
(Duly sealed and signed by Bidders on Firms letter head)

Whereas, I/We (Name of Agency)..... have submitted bids for
 (Name of work).....

I/We here by submit following declaration in lieu of submitting Earnest Money Deposit.

1. If, after the opening of tender, I/We withdraw or modify my/our Rate during the period of validity of tender/ quotation (Including extended validity of tender/ quotation) specified in the tender/ quotation documents.

Or

2. If, after the award of work, I/We fail to sign the contract, or to submit performance guarantee before the deadline defined in the tender documents.

I/We shall be suspended for one year and shall not be eligible to bid for IIT Jodhpur tenders from the date of issue of suspension orders.

Signature of Contractor (s)

Superintending Engineer
IIT Jodhpur

FORM "F"

STRUCTURE & ORGANISATION

1. Name & Address of the bidder
2. Telephone no./ Telex no./ Fax no.
3. Legal status of the bidder (attach copies of original document defining the legal status)
 - a. An Individual
 - b. A proprietary firm
 - c. A firm in partnership
 - d. A limited company or Corporation
4. Particulars of registration with various Government Bodies (attach attested photocopy)

Organization/ Place of registration

Registration No.

1.

2.

3.

5. Name and Title of Directors & Officers with designation to be concerned with this work.....
6. Designation of individuals authorized to act for the organization.....
7. Has the bidder or any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion?
If so, give name of the project and reasons for abandonment.....
8. Has the bidder or any constituent partner in case of partnership firm, ever been debarred/ black listed for tendering in any organization at any time? If so, give details.....
9. Has the bidder, or any constituent partner in case of partnership firm, ever been convicted by the court of law? If so, give details.....
10. Past work experience in IIT Jodhpur will be considered in deciding the Technical bid.....

Signature of Bidder(S)

Notice Inviting Tender

INDIAN INSTITUTE OF TECHNOLOGY JODHPUR

NH-65 NAGOUR ROAD KARWAR JODHPUR

Terms & Conditions

Indian Institute of Technology Jodhpur in is in the process of purchasing following item(s) as per details as given as under.

Details of the item	As per Tender Notice
Earnest Money Deposit to be submitted	As per Tender Notice
Warranty	As per Tender Notice, NIT & IITJ/CPWD form 7/8
Performance security	As per Tender Notice, NIT & IITJ/CPWD form 7/8

Tender Documents may be downloaded from Central Public Procurement Portal <http://eprocure.gov.in/eprocure/app>. Aspiring Bidders who have not enrolled / registered in e-procurement should enroll / register before participating through the website <http://eprocure.gov.in/eprocure/app>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at 'Instructions for online Bid Submission'.

Tenderers can access tender documents on the website (For searching in the NIC site, kindly go to Tender Search option and type 'IIT'. Thereafter, Click on "GO" button to view all IIT Jodhpur tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <http://eprocure.gov.in/eprocure/app> as per the schedule given in the next page.

No manual bids will be accepted. All quotes (both Technical and Financial should be submitted in the E-procurement portal).

Schedule

Name of Organization	Indian Institute of Technology Jodhpur
Tender Type (Open/Limited/EOI/ Auction/Single)	Open
Tender Category (Services/Goods/ works)	Works
Type/Form of Contract (Work/Supply/ Auction/Service/Buy/Empanelment/ Sell)	Works
Product Category (Civil Works/Electrical Works/Fleet Management/ Computer Systems)	Civil
Source of Fund (Institute/Project)	Institute (Maintenance work)
Is Multi Currency Allowed	No
Date of Issue/Publishing	10.06.2026
Document Download/Sale Start Date	10.06.2026
Document Download/Sale End Date	01.07.2026
Date for Pre-Bid Conference	Nil
Venue of Pre-Bid Conference	---
Last Date and Time for Uploading of Bids	As per Tender Notice
Date and Time of Opening of Technical Bids	As per Tender Notice
Tender Fee	As per Tender Notice
EMD	(To be paid through RTGS/NEFT). IIT Jodhpur Bank details are as under: Name of the Bank A/C : Revenue Account, IIT Jodhpur Canara Bank A/C No. : 3399101000631 Name of the Bank : Canara Bank IIT Jodhpur, IFSC Code : CNRB0003399 MICR Code : 342015501 (This is mandatory that UTR Number is provided in the on-line quotation/bid. (Kindly refer to the UTR Column of the Declaration Sheet at Annexure-II) or as per NIT/ Tender notice
No. of Covers (1/2/3/4)	02 (Technical and Financial Bid)
Bid Validity days	90 days (From last date of opening of financial bids)
Address for Communication	Office of Infrastructure Engineering, W-1 Berm, IIT Jodhpur
Contact No.	0291-2801057/63
Email Address	oie@iitj.ac.in

Instructions for Online Bid Submission:

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at:

<http://eprocure.gov.in/eprocure/app>

REGISTRATION

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)) by clicking on the link "Click here to Enroll". Enrolment on the CPP Portal is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their userID / password and the password of the DSC / eToken.

SEARCHING FOR TENDER DOCUMENTS

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as "on-line" to pay the tender fee / EMD as applicable and enter details of the instrument. Whenever, EMD / Tender fees is sought, bidders need to pay the tender fee and EMD separately on-line through RTGS .
- 4) A standard BoQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

OR

In some cases Financial Bids can be submitted in PDF format as well (in lieu of BOQ).

- 5) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 6) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.

- 7) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 9) Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

ASSISTANCE TO BIDDERS

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315.

General Instructions to the Bidders

- 1) The tenders will be received online through portal <http://eprocure.gov.in/eprocure/app> . In the Technical Bids, the bidders are required to upload all the documents in .pdf format.
- 2) Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through <https://eprocure.gov.in/eprocure/app> . Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site <https://eprocure.gov.in/eprocure/app> under the link "Information about DSC".
- 3) Tenderer are advised to follow the instructions provided in the 'Instructions to the Tenderer for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>.

GENERAL INSTRUCTIONS

Tenders have been invited on the basis of standard Forms 7/8 and General Conditions of contract for the work in Central Public Works Department (CPWD). However, in the contact of IIT Jodhpur, the following terms may be read as:

S. No.	As per Standard Forms	To be read as
I)	President of India	Director, IIT Jodhpur
II)	Government of India	Indian Institute of Technology Jodhpur
III)	Central Public Works Departments	Office of Infrastructure Engineering, IIT Jodhpur
IV)	Chief Engineer, CPWD	Dean of Infrastructure Planning, IIT Jodhpur
V)	Circle Office	Office of Infrastructure Engineering, IIT Jodhpur

**Superintending Engineer
IIT Jodhpur**

Terms & Conditions Details

S. No.	Specification
1.	Due date: The tender has to be submitted on-line before the due date. The offers received after the due date and time will not be considered. No manual bids will be considered.
2.	Preparation of Bids: The offer/bid should be submitted in two bid systems (i.e.) Technical bid and financial bid. The technical bid should consist of all technical details along with commercial terms and conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid in the given format i.e BOQ_XXXX. OR Financial Bids to be submitted in Excel. The Technical bid and the financial bid should be submitted Online.
3.	EMD (if applicable): As per NIT
4.	Refund of EMD :- As per NIT
5.	Opening of the tender: As per Tender Notice, NIT & IITJ/CPWD form 7/8
6.	Acceptance/ Rejection of bids: The Committee reserves the right to reject any or all offers without assigning any reason.
7.	Pre-qualification criteria: - Mentioned in Tender notice
8.	Performance Security:- Mentioned in Tender notice
9.	Force Majeure :- As per IITJ/CPWD form 7/8
10.	Risk & Cost Clause : As per IITJ/CPWD form 7/8
11.	Delivery and Documents: As per Tender Notice & NIT & IITJ/CPWD form 7/8
12.	Delayed delivery: As per Tender Notice & NIT & IITJ/CPWD form 7/8
13.	Prices: As per Tender Notice & NIT & IITJ/CPWD form 7/8
14.	Progress of Work : As per Tender Notice & NIT & IITJ/CPWD form 7/8
15.	Inspection and Tests: As per Tender Notice & NIT & IITJ/CPWD form 7/8
16.	Resolution of Disputes: As per Tender Notice & NIT & IITJ/CPWD form 7/8
17.	Applicable Law: As per Tender Notice & NIT & IITJ/CPWD form 7/8
18.	Supplier Integrity : As per Tender Notice & NIT & IITJ/CPWD form 7/8
19.	Training : As per Tender Notice & NIT & IITJ/CPWD form 7/8
20.	Installation & Demonstration : As per Tender Notice & NIT & IITJ/CPWD form 7/8
21.	Incidental services: As per Tender Notice & NIT & IITJ/CPWD form 7/8
22.	Defect liability Period : As per Tender Notice & NIT & IITJ/CPWD form 7/8
23.	Governing Language : As per Tender Notice & NIT & IITJ/CPWD form 7/8

24.	Applicable Law : As per Tender Notice & NIT & IITJ/CPWD form 7/8
25.	Notices : As per Tender Notice & NIT & IITJ/CPWD form 7/8
26.	Taxes : As per Tender Notice & NIT & IITJ/CPWD form 7/8
27.	Termination for Default : As per Tender Notice & NIT & IITJ/CPWD form 7/8
28.	Disputes and Jurisdiction: As per Tender Notice & NIT & IITJ/CPWD form 7/8
29.	Completion certificate: As per Tender Notice & NIT & IITJ/CPWD form 7/8

COMPLIANCE SHEET

TECHNICAL SPECIFICATION

S.No.	Technical Bid Requirement As per Tender Notice & NIT & IITJ/CPWD form 7/8(Duly attested)	Compliance Y/N
1	Firm registration	
2	GST Registration	
3	GST Return	
4	ESI & EPF	
5	Work Completion Certificate	
6	Undertaking on Firm's Letter Head	
7	Affidavit as per Notice Inviting Tender Condition 1.2 of IITJ/CPWD -6 for e-tendering.	
8	Integrity Pact	
9	Annexure 1	
10	Annexure 2	
11	Annexure 3	
12	Proof of EMD & EMD Declaration as per Page 6	
13	Tender Fee	
14	FORM "F" (Duly filled with all required details)	
15	Duly Signed BOQ	

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____

Contact No. : _____

**<< Organization Letter Head >>
DECLARATION SHEET**

We, _____ hereby certify that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

This is certified that our organization has been registered as per Tender Notice & NIT & IITJ/CPWD form 7/8 Tender. We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document.

We, further specifically certify that our organization has not been Black Listed/De Listed or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years.	NAME & ADDRESS OF THE Vendor/ Manufacturer / Agent
1 Phone	As per Tender Notice & NIT
2 Fax	
3 E-mail	
4 Contact Person Name	
5 Mobile Number	
6 GST Number	
7 PAN Number	
(In case of on-line payment of Tender Fees)	
8 UTR No. (For Tender Fee)	
(In case of on-line payment of EMD)	
9 UTR No. (For EMD)	

(Signature of the Tenderer)

Name:

Seal of the Company

Bid Submission**Online Bid Submission:**

The Online bids (complete in all respect) must be uploaded online in two Envelops as explained below:-

Bid Document - 1 (Following documents to be provided as single PDF file)			
Sl. No.	Documents	Content	File Types
1.	Technical Bid	Compliance Sheet as per Annexure - I	.PDF
2.		Organization Declaration Sheet as per Annexure - II	.PDF
3.		List of organizations/ clients where the similar works has been completed as per NIT along with their contact number(s). (Annexure-III)	.PDF
4.		Technical documents in support of all claims made at Annexure-I (Annexure-IV)	.PDF
Bid Document - 2			
Sl. No.	TYPES	Content	
1.	Financial Bid	Price bid should be submitted in Excel format.	.xlsx

IITJ/CPWD -6 FOR e-TENDERING AND TERM & CONDITIONS

Percentage rate tenders are invited from contractors/firms engaged in the field of civil work in appropriate category for the work as per tender notice.

- 1.1 The work is estimated to cost as **per tender notice**. This estimate, however, is given merely as a rough guide.
- 1.2 Details of criteria for eligibility is Indicated in "INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE"
- 1.3 To become eligible for issue of tender, the tenderer shall have to furnish an affidavit as mentioned below:

"I/We undertake and confirm that eligible similar works(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 Jodhpur 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." (Scanned copy to be uploaded at the time of submission of bid)

Note-

- (i) Affidavit shall be purchased /notorised on or after NIT published date but on or before last date of submission of NIT.
 - (ii) Affidavit must have "NIT/tender reference number" and "Name of work" and shall be used once for each fresh tender.
 - (iii) No back dated affidavit shall be entertained and non compliance of point (i) & (ii) shall lead to rejection of the tender.
2. Agreement shall be drawn with the successful bidders on prescribed Form No. IITJ/CPWD form No. 7/8(or other Standard Form as mentioned) which is available as a Govt. of India Publication. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
 3. The time allowed for carrying out the work will be **as per tender notice** from the date of start as defined in schedule 'F' or 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.
 4. The site for the work is available.
 5. The bid 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 from the web Site <http://eprocure.gov.in/eprocure/app> or iitj.ac.in or e-procure.gov **free** of cost.
 6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of tender as notified.
 7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of tender as notified.
 8. If it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the tender submitted earlier shall become invalid.

9. Earnest Money in the form of Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt (drawn in favour of Director IIT Jodhpur,) as specified of any Scheduled/ Nationalized Bank and shall be scanned & uploaded to the e-tendering website within the period of tender submission or through RTGS/ NEFT with UTR details and original should be deposited by lowest bidder **within a week** after the opening of financial bid in **Office of Infrastructure Engineering, IIT Jodhpur**.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or Rs. 20 lakh, whichever is less, will have to be deposited in shape prescribed above, and balance in shape of Bank Guarantee of any scheduled bank which is to be scanned and uploaded by the intending bidders.

Interested contractor who wish to participate in the bid has also to make following payments in the form of Demand Draft/Pay order or Banker's Cheque of any Scheduled Bank and to be scanned and uploaded to the e-Tendering website within the period of bid submission: <http://eprocure.gov.in/eprocure/app>.

10. The bid submitted shall become invalid if:
- (i) The bidders are found not eligible.
 - (ii) The bidders do not upload all the documents (Including GST registration/ other documents as per Tender Notice) as stipulated in the bid document.
 - (iii) The lowest bidder does not deposit physical EMD Declaration Form within a week of opening of tender.
11. The time & date of submission & opening of financial bid of contractors qualifying the **criteria as per Tender Notice** shall be communicated to them at a later date.
12. The successful bidders shall be required to submit a performance guarantee in the form of Bank Guarantee or F.D.R. from a Nationalized/Scheduled Bank within 07 days of issue of letter of intent before award of work. In case the contractor is failed to deposit the performance guarantee within the specified period, full earnest money will be forfeited and the tender shall be treated as void. The performance guarantee shall be initially valid up to the stipulated date of completion plus 06 months beyond. Performance Guarantee shall be:-
- (a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher).
 - (b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.

The specified period can be further extended by the Engineer in-Charge up to a maximum period as specified in schedule 'F' on written request of the contractor stating the reason for delays in procuring the Performance Guarantee, to the satisfaction of the Engineer-in-Charge. This Guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks. In case a fixed deposit receipt of any Bank is furnished by the contractor to the Government as part of the performance guarantee and the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the Government to make good the deficit.

13. Intending Bidders 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 tenderer 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 tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, consumables, 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 a tenderer 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 to be done and of conditions and rates at which stores, tools and

plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

14. The competent authority 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 the assignment of any reason. 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 tenderer shall be summarily rejected.
15. 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 to rejection.
16. The competent authority reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
17. The contractor shall not be permitted to tender for works in the IIT Jodhpur responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Dean of Infrastructure Planning and Junior Engineer (both inclusive).
18. The tender for the works shall remain open for acceptance for a period of ninety (90) days from the date of opening of tender. Further
 - i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not
 - ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
19. This notice inviting Tender shall form a part of the contract document. The successful tenderer / contractor, on acceptance of his tender by the Accepting Authority shall **within 15 days** from the stipulated date of start of the work, sign the contract consisting of:-
 - 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 bid and acceptance thereof together with any correspondence leading thereto.
 - b) Standard IITJ/CPWD Form - 7/8 or other Standard IITJ Form as mentioned.

Superintending Engineer
IIT Jodhpur

INTEGRITY PACT e-TENDERING	I.I.T.J
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To,

.....

Subject: - Annual Repair and Maintenance Operation (ARMO) -Civil Works at Indian Institute of Technology Jodhpur (IITJ) Karwar - 342030 for one year

Sub Head: - Maintenance Work (Civil)

Dear Sir,

It is here by declared that I.I.T. Jodhpur is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer / bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the I.I.T. Jodhpur.

Yours faithfully

**Superintending Engineer
IIT Jodhpur**

Acceptance to execute integrity pact	I.I.T.J
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(To be signed by bidder and upload the scanned copy)

To,
Superintending Engineer,
 IIT Jodhpur, NH 65 Nagour Road Karwar
 Jodhpur Rajasthan.

Subject: - **Submission of Bid for the of “Annual Repair and Maintenance Operation (ARMO) -Civil Works at Indian Institute of Technology Jodhpur (IITJ) Karwar - 342030 for one year”.**

Sub Head: - Maintenance work (Civil)

Dear Sir,

I/We acknowledge that I.I.T.Jodhpur is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender / bid documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by I.I.T.Jodhpur. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, I.I.T. Jodhpur shall have unqualified, absolute and unfettered right to disqualify the tender / bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

INTEGRITY PACT e-TENDERING	I.I.T.J
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To be signed by the bidder and same signatory competent / authorized to
sign the relevant contract on behalf of I.I.T.Jodhpur.

INTEGRITY AGREEMENT

This Integrity Agreement is made at on this day of..... 20.....

BETWEEN

The Director, I.I.T. Jodhpur represented through Dean of Infrastructure Planning IIT Jodhpur.

....., (Hereinafter referred as the
.....
(Address of Division)

'Principal/Owner', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

.....
(Name and Address of the Individual/firm/Company)
through (Hereinafter referred to as the
(Details of duly authorized signatory)

"Bidder/Contractor" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

Preamble

WHEREAS the Principal / Owner has floated the Tender (NIT No.) (Hereinafter referred to as "Tender/Bid") and intends to award, under laid down organizational procedure, contract for
.....
(Name of work)

hereinafter referred to as the "Contract".

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "Integrity Pact" or "Pact"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal/Owner

- 1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - (a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or

- accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
- (b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.
 - (c) The Principal/Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
- 2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s)/Contractor(s)

- 1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
- 2) The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
 - a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.
 - b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
 - c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

- e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
- 3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.**
- 5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

- 1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. **Such exclusion may be forever or for a limited period as decided by the Principal/Owner.**
- 2) **Forfeiture of EMD/Performance Guarantee/Security Deposit:** If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.
- 3) **Criminal Liability:** If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

- 1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
- 2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or

action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.

- 3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

- 1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Sub-contractors/sub-vendors.
- 2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
- 3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 09 Months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, I.I.T. Jodhpur.

Article 7- Other Provisions

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Headquarters of the Division of the Principal/Owner, who has floated the Tender.
- 2) Changes and supplements need to be made in writing. Side agreements have not been made.
- 3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
- 4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.

Article 8- LEGAL AND PRIOR RIGHTS

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....
(For and on behalf of Principal/Owner)

.....
(For and on behalf of Bidder/Contractor)

WITNESSES:

1.
(signature, name and address)
2.
(signature, name and address)

Place:

Dated :



**INDIAN INSTITUTE OF TECHNOLOGY
Jodhpur**

Percentage Rate Tender/Item Rate Tender & Contract for Works

Tender for the work of: Annual Repair and Maintenance Operation (ARMO) -Civil Works at Indian Institute of Technology Jodhpur (IITJ) Karwar - 342030 for one year.

Sub Head: - Maintenance work (Civil)

- (i) To be submitted by **as per tender notice** to
.....
 - (ii) To be opened in presence of bidders who may be present at **as per tender notice**
- Issued to
- Signature of officer issuing the documents
- Designation
- Date of Issue

TENDER

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

I/We hereby tender for the execution of the work specified for the The Director, I.I.T. Jodhpur, 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 in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for ninety days (90) from the date of opening of financial bid.

A sum of **as per tender notice** is hereby forwarded in Banker Cheque or Demand Draft or Fixed Deposit receipt of a schedule bank drawn in favour of IIT Jodhpur earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period. I/We agree that the said The Director, I.I.T. Jodhpur 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 The Director, I.I.T.

Jodhpur or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I/We agree that in case of forfeiture of Earnest Money & 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 I.I.T. Jodhpur 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 of the State.

Dated:

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

I.I.T.J– 7/8 e-TENDERING

I.I.T.J

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for an on behalf of The Director, I.I.T. Jodhpur for a sum of (Rupees.....).

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

- (a)
- (b)
- (c)

For & on behalf of Director, IIT Jodhpur

Signature

Dated: Designation

PROFORMA OF SCHEDULES	I.I.T.J
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PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities (enclosed)

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

S.No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the Contractor	Place of issue
1			4	
	← Nil →			

SCHEDULE 'C'

Tools and plants to be hired to the contractor

S.No.	Description	Hire charges per day	Place of Issue
1			
	← Nil →		

SCHEDULE 'D'

Extra schedule for specific requirements/ document for the work, if any.

----- **Nil** -----

SCHEDULE 'E'

Reference to General Conditions of contract: General Conditions of contract for Central PWD/IITJ Maintenance works 2023: GCC 2023, Form-7/8 for CPWD works as amended upto last date of submission of bid.

Name of work: - Annual Repair and Maintenance Operation (ARMO) -Civil Works at Indian Institute of Technology Jodhpur (IITJ) Karwar - 342030 for one year.

Sub Head: - Maintenance Work (Civil)

- (i) Estimated cost of work : **As per Tender Notice**
(ii) Earnest Money : **As per Tender Notice**
(iii) Performance Guarantee : **As per Tender Notice**
(iv) Security Deposit : 2.5% of the gross amount of each running and final bill till the sum deducted will amount to security deposit of 2.5% of the tendered amount of the work.

SCHEDULE 'F'

SCHEDULE 'F' (CIVIL WORK)	
General Rules & Directions :	
Officer inviting tender	Superintending Engineer
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3	See Below
Definitions	
Engineer-in-charge	Superintending Engineer, IIT Jodhpur
Accepting Authority	Director, IIT Jodhpur
Percentage on cost of materials and labor to cover all overhead & profits	15%
Standard schedule of Rates	<i>DSR 2023(Civil) with correction slips up to last date of submission of bid.</i>
Department	Office of Infrastructure Engineering, IIT Jodhpur
Standard IITJ contract Form	GCC 2023 maintenance work, Form-7/8 for CPWD maintenance works as amended up to last date of submission of bid.

CLAUSE 1		
(i)	Time allowed for submission of Performance guarantee, Programme Chart (Time and Progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. or proof of applying thereof from date of issue of letter of acceptance.	07 Days
(ii)	Maximum allowable extension with late fee @ 0.1% per day of performance guarantee amount beyond the period provided in (i) above	07 Days

Clause -2	
Authority for fixing compensation for not attending the complaint or non-deployment of labour as per time limit mentioned in Special Condition of NIT	Superintending Engineer, IIT Jodhpur
Clause 2A	
Whether clause 2A is applicable	Not applicable

Clause 5	
Number of days from the date of issue of letter of acceptance for reckoning date of start of work	10 Days
Time allowed for execution of work	12 Months, extendable up to 24 Months based on Satisfactory performance and mutual consent.

Authority to decide:		
(i)	Extension of time	Director, IIT Jodhpur
(ii)	Shifting of date of start in case of delay in handing over of site	Director, IIT Jodhpur

Clause 6, 6A	
Clause applicable -	Computerized measure book (CMB) / Electronic Measurement book (EMB)
Mode of measurement -	Computerized measure book (CMB)

Clause 7	
Gross work to be done together with net payment	Rs. Forty Lacs

/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	
Clause - 7A	
Whether clause 7A shall be applicable	Yes

Clause 10 A	Yes
Clause 10B	Not Applicable
Clause 10B (i)	No
Clause 10C	
Clause 10C and Clause 10CC escalation clause	Not Applicable

Clause 11	
Specifications to be followed for execution of work	CPWD specifications 2019 Vol-1&2 for civil with upto date correction slips & manufacturers specifications & NIT
Clause 12	
Type of work	The completion cost of any agreement for maintenance works including works of upgradation, aesthetic, special repair, addition/ alteration should not exceed two times the contract amount.
Clause 12.2	As per GCC 2023 Maintenance work as amended up to last date of submission of bid.
Clause 12.3	As per GCC 2023 Maintenance work as amended up to last date of submission of bid.
Clause 16	
Competent Authority for deciding reduced rates	Superintending Engineer, IIT Jodhpur
Clause 17	
Defect Liability Period - 12 Months after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later. Note : - Security deposit will be refunded after the expiry of the defect liability period Contractor Liable for Damages, defects : As Per GCC 2023 Maintenance As during defect liability Period	
Clause 18	
List of mandatory machinery, tools & plants to be deployed by the contractor at site: - As per requirement and direction of Engineer-In-Charge: I. Pickaxe- 10 Nos.	

II.	Wheelbarrows- 02 Nos.
III.	Shovel- 10 Nos.
IV.	Mortar pan- 10 Nos.
V.	Brick Trowel- 05 Nos
VI.	Plastering trowel- 05 Nos
VII.	Club hammer- 05 Nos.
VIII.	bolster chisel- 05 Nos.
IX.	Tri square- 05 Nos.
X.	Aluminum straight edge 3m- 05 Nos
XI.	Level Pipe- 05 Nos (Each of 05 meters)
XII.	Hand gloves- 50 Nos.
XIII.	Pipe Wrench- 24 Inch- 5 Nos.
XIV.	Caution Tape- 1000 Metre
XV.	Bucket- 10 Nos.
XVI.	Plumb Bob- 05 Nos.
XVII.	Wooden Float- 05 Nos.
XVIII.	Metal Float- 05 Nos.
XIX.	Ladder-03 Nos.
Clause 19-A	
	No labour below the age of eighteen years shall be employed on the work.
Clause 19-C	
	Superintending Engineer/Engineer-In-charge, IIT Jodhpur -authority to decide penalty for each default
Clause 19-G	
	Superintending Engineer/Engineer-In-charge, IIT Jodhpur -authority to decide penalty for each default
Clause 19-H	
	Applicable
Clause 19-K	
	Superintending Engineer/Engineer-In-charge, IIT Jodhpur -authority to decide penalty for each default
Clause 25	
Constitution of Dispute Redressal Committee (DRC)	
	To be nominated by Director IIT Jodhpur
Clause 32	
	As per ANNEXURE – 20 of CPWD SOP and GCC 2023 Maintenance work

	Clause 38	
(i) (a)	Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates	DSR 2023 with correction slips issued upto last date of submission of bid
(ii)	Variations permissible on theoretical quantities	
	(a) Cement	
	(i) for works estimated cost put to tender not more than Rs. 25 Lakhs	3 % plus/minus

	(ii) For works with estimated cost put to tender more than Rs. 25 Lakhs	2 % plus/minus
	(b) Bitumen for all works	2.5% plus only & nil on minus side
	(c) Steel reinforcement and structural steel section for each diameter, section and category	2% plus/minus
	(d) All other materials	Nil

BANK GUARANTEE BOND**I.I.T.J****Form of Earnest Money Deposit
Bank Guarantee Bond**

WHEREAS, contractor(Name of contractor) (hereinafter called "the contractor") has submitted his tender dated (date) for the construction of(name of work) (hereinafter called "the Tender")

KNOW ALL PEOPLE by these presents that we(name of bank) having our registered office at (hereinafter called "the Bank") are bound unto..... (Name and division of Executive Engineer) (hereinafter called "the Engineer-in-Charge") in the sum of Rs. (Rs. in words) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank thisday of 20....
THE CONDITIONS of this obligation are:

- (1) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;
- (2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required;
OR
 - (b) fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor,
OR
 - (c) fails or refuses to start the work, in accordance with the provisions of the contract and Instructions to contractor,
OR
 - (d) fails or refuses to submit fresh Bank Guarantee of an equal amount of this Bank Guarantee against Security Deposit after award of contract.

We undertake to pay to the Engineer-in-Charge either up to the above amount or part thereof upon receipt of his first written demand, without the Engineer-in-Charge having to substantiate his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date* after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. A demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE
SIGNATURE OF THE BANK
WITNESSSEAL

(SIGNATURE, NAME AND ADDRESS)

*Date to be worked out on the basis of validity period of 6 months from last date of receipt of tend

SPECIAL CODITIONS OF CONTRACT

1. Agency/ Firm shall abide by all laws of the land including, labour laws, Companies Act, Tax deduction liabilities, welfare measures of its employees and all other statutory obligations that enjoin in such cases and are not enumerated and defined herein, through any such onus shall be the exclusive responsibility of the Agency/ Firm, and it shall not involve the Institute in any way whatsoever.
2. The Financial Bid must be submitted in BOQ/Prize Bid only.
3. Institute reserves the right to require the Agency/ Firm to remove any person deployed by the company, without assigning any reasons/notice. This will be without prejudice to the right of the Agency/ Firm to remove any of his own employees deployed in the Institute.
4. In the case of any dereliction of duty, negligence, an unintended or intended damage caused by the Agency/ Firm or its staff pertaining to this agreement, or otherwise, any harm is done to the Institute, the Agency/ Firm shall make good the loss or pay the compensation, refund expenditure on legal/judicial proceedings as well as pay such penalty which the party of the first part may deem fit.
5. The parties to the Contract agree and reiterate that the personnel deployed/ employed by the Agency/ Firm will at all times remain the employees of the Agency/ Firm only and shall have no claim whatsoever against the Institute in respect of any aspect of their employment whatsoever including but not limited to their salaries, conditions of service benefits and payment of provident Fund or Gratuity etc. and this clause shall be incorporated in the letter of appointment issued to each and every employee engaged by it for the purposes of this contract.
6. It would be responsibility of Agency/ Firm to arrange all permission/ approvals from all local bodies/statutory bodies & nothing extra shall be paid on account of this by the Institute.
7. The Agency/ Firm shall be responsible for all injury and accident to persons employed by him while on duty. It is desirable that all employees are covered under an insurance cover.
8. The Agency/ Firm will provide Name Address, Telephone No. & Photographs of its employees posted at IIT Jodhpur to Office of Infrastructure for records.
9. The Agency/ Firm shall be responsible for the good conduct and behavior of its employees. If any employee of the Agency/ Firm is found misbehaving with the supervisory staff or other staff members of the Institute the Agency/ Firm shall terminate the services of such employees forthwith at their own risk and responsibility. The Agency/ Firm shall issue necessary Instructions to its employees to act upon the instructions given by the supervisory staff of the Institute.
10. Complaint Register, Attendance Register and other records will have to be produced when asked to do so by the Engineer-in-charge or his authorized representative.
11. When a register gets completed, it will be handed over to the concerned J.E. / A.E.E. It will not be returned to the contractor and the same will remain the property of the department.
12. (a) The contractor will have to run a maintenance centre and store at space provided by IIT Jodhpur **on** rent basis as per the norms of the institute. The contractor shall arrange all the required computer, furniture, electricity, Internet, telephone connection, stationery etc. at his own cost pertaining to his job and a display board should also be provided by contractor at maintenance centre as approved by Engineer-In-Charge. The contractor shall bear all incidental charges for safety and security of maintenance Center.
(b) List of supply item provided in BOQ are only a rough idea for quantity to be used during maintenance period and contractor shall procure sufficient material in store and keep in stock, so that repair/maintenance work do not suffer on account of delay in supply. The schedule of list of items with quantities to be supplied shall be provided to the contractor from time to time. Based on the schedule the contractor has to supply the items with quantities **within 10 days** on the receipt of the schedule. The

make/model/shade of all the items shall be as per original items only. The contractor shall bear all incidental charges for cartage, storage and safe custody of materials.

14. The contractor shall take immediate action to attend any complaint assigned to him through site order book/verbal instructions from Engineer-in-charge or on ERP/telephones/mails from occupants.
15. The contractor at his own cost **within 15 days** of award of work shall provide the personnel and labours engaged by him under this contract with **minimum 02 pairs** of uniforms with name of agency written with stitching as approved by Engineer in-Charge and required personal protective equipment (PPE). The contractor at his own cost shall also provide to all his employees Identity Cards bearing their photographs. These will be countersigned by the IIT Jodhpur Security Officer/ Engineer of Office of Infrastructure The institute shall not pay any additional amount for providing the aforementioned uniform, ID cards and PPE. **No worker shall be permitted to enter the IITJ premises without wearing uniform and ID cards.** In case of failure to meet these compliance a lump sum amount of Rs. 100/- (Rupees One Hundred only) per instant will be recovered from agency.
16. The character and antecedents of the staff employed by the contractor shall be got verified from the police by the contractor and shall be renewed timely at his own cost. The contractor shall submit the same at office of infrastructure engineering.
17. The contractor shall have registration with Employee's Provident Fund Organisation and Employee's State Insurance Corporation for safe guarding interest of his workmen. He shall obtain all other necessary approvals from statutory bodies as per law in vogue.
18. The dismantled material which has scrap value is needed to be handed over to Institute. The dismantled material which has no scrap value shall be disposed of by the contractor at his own cost at suitable dumping yard with the permission of competent authority.
19. **The contractor has to make suitable arrangement for the transportation of material like cement bags, sand, aggregates etc. within the premises at his own cost from the store allocated to him in the campus. Nothing shall be paid extra on the account of this. All T&P for carpenter/mason/plumber/welder/painter/sewerman/helper, Electricity Meters for Maintenance work, Consumable and Contingent Articles required for execution of the work shall be arranged by the contractor including welding machine, drill machine (hammer & carpentry), grinding / cutting machine (Stone ,granite, iron & wood), hammer machine, breaker machine, portable DG Set 05 kVA or more , mud pump, heater plates for welding HDPE water pipe line of up to 250mm diameter, Jack for HDPE line jointing with all the consumable accessories in sufficient number as required for timely execution of works. Nothing shall extra be paid on this account by the institute.**
20. All the consumable such as brush, rollers, sanding paper, turpentine oil, putty blades, hexa blades, masking tape, hand gloves, cloths, stone & granite cutting blades, all size of bits, wire brush, silicon, adhesive, araldite, bondite, marking powder, measurement tapes, all type & all size fasteners (dash fastener, ss anchor fastener, GI fastener, SS fastener, expandable dash fastener, window/door fastener), cpvc solvents, gaskets, all types and all size screws, nails, self-screws related to carpentry work, fevicol, SR, abro tapes ,wood cutter blades, all type of bits for drill machine, Iron cutting blades, welding rods, binding wires ,caution tapes etc. & any other consumables required for day to day maintenance work as per direction of Engineer in charge shall be arrange by the contractor at his own cost. Nothing shall be paid on account of these by the institute.
21. Staff employed by the contractor should be well behaved, Polite & courteous. Any complaint against staff on behavior shall be taken very seriously and such staff should be removed by the contractor immediately from the site and replacement shall be provided immediately.
22. The Agency/ Firm will be responsible for all the staff deployed and the firm shall verify their credentials from local police on their own and a certificate by firm to this effect be furnished to IIT Jodhpur. Agency/Firm shall maintain proper record / document of the same. These documents are required to be produced to the Institute whenever required.

23. In the event of any loss being occurred to the Institute on account of the negligence of the duty by the Agency/ Firm's employees, the Agency/ Firm shall make good the loss sustained to the Institute either by replacement or on payment of the adequate compensation as per decision of Engineer-in-charge.
24. That no right, much less a legal right shall vest in the Agency/ Firm workers to claim/ have employment or otherwise seek absorption in the Institute nor the Agency/ Firm workers shall have no right whatsoever to claim the benefits and / or emoluments that may be permissible or paid to the employees of the Institute. The workers will remain the employees of the Agency/ Firm and this should be the solely responsibility of the Agency/ Firm to make it clear to their workers before deputing on work at the Institute.
25. The Agency/ Firm shall not appoint sub-Agency/ Firm to carry out any obligation under the contract.
26. The Agency/ Firm will take day to day instructions from the supervisory staff of the institute and shall maintain diary for the same.
27. If the Agency/ Firm fails to implement the schedule of services to the satisfaction of Engineer-In-Charge of the Institute on any part of the said campuses, shall be penalized by imposing a fine as mentioned in Agreement for breach of contract. The penalty shall continue for successive days on the Agency/ Firm as per certificate from the officer In-charge and such penalty shall be recovered from the bill of the Agency/ Firm. The decision of Engineer-in-Charge shall be final and binding of the Agency/ Firm.
28. The Agency/ Firm shall give the Maintenance services throughout the year including gazette holidays i.e. round the period of contract as work specified in NIT except the mandatory national holidays i.e. Republic day, Independence Day and Gandhi Jayanti.
29. None of the employees of the Agency/ Firm shall enter into any kind of private work at the different campuses of the Institute during working hours.
30. The employees of Agency/ Firm shall be of good character and of health and shall not be below age 18 years and no worker will be allowed to stay in the Institute campus. The Agency/ Firm shall require furnishing the particulars of workers immediately after award of the work to Engineer-In-Charge.
31. The duration of the contact shall be initially for **one year** which could be **further extended to one more year** based on the satisfactory performance by the agency/firm at the same terms and condition of the contract on the mutual consent.
32. The contract can be terminated even earlier by giving notice in writing on account of any of the following reasons :-
 - i) On account of unsatisfactory performance.
 - ii) Breach of contract clauses.
 - iii) Persistently neglect to carry out his obligations under the contract.
33. When the Agency/ Firm has made himself liable to action under any of the aforesaid cases, the Engineer-in-charge on behalf of DIRECTOR, IIT Jodhpur shall determine the contract as aforesaid (of which termination notice in writing to the Agency/ Firm under the hand of the Engineer-in-charge shall be conclusive evidence) upon such determination, the **Performance Guarantee and Security deposit** shall be liable to be forfeited and shall be absolutely at the disposal of the DIRECTOR, IIT Jodhpur. In the event of above courses being adopted by Engineer-in-Charge, the Agency/ Firm shall have no claim to compensation for any loss sustained by him by reasons of having employed personnel or purchased T&P for the work.
34. The Agency/ Firm shall pay his employees the minimum mandatory rates per day / month as announced by Central Government from time to time as per minimum wages act.
35. The Agency/ Firm shall be bound to perform the assigned jobs by IIT Jodhpur even though the same may not have been included in the contract/agreement/BOQ.

36. Any dispute arising out of and in relation to this agreement shall be referred to the arbitration by sole arbitrator to be appointed by Director of the Institute. The arbitration would be conducted and governed by and under the provisions of Arbitration Act, 1996. Any legal dispute will be subject to jurisdiction of Jodhpur Courts only and no other court shall have the jurisdiction refer IITJ/CPWD GCC form 7/8 in regard.
37. IIT Jodhpur is a 'No SMOKING ZONE'. The Agency/ Firm should ensure that his employees DO NOT SMOKE while working in the IITJ Campus. They will also not indulge in drinking alcohol or any other intoxicants. They will not consume drugs and eat pan/ Khaini / tobacco etc. they will not play cards or indulge in gambling on campus and if found suitable action shall be taken against the agency/firm.
- 38. No labour hut shall be allowed to be constructed and no labour shall be allowed to stay in IIT Jodhpur campus and nothing shall be paid on this account.**
39. The Agency/ Firm shall keep himself fully informed of all acts and laws of the Central and State Government, all orders, decrees of statutory bodies, tribunals having any jurisdiction or authority, which in any manner may affect their engaged or employed and anything related to carry out the work. All the rules & regulations & byelaws lay down by the local bodies and any other statutory bodies shall be adhered to, by the Agency/ Firm, during the execution of work.
40. Agency/ Firm must employ adult and skilled personnel only. Employment of child labour shall lead to the termination of the contract at the risk and cost of the Agency/ Firm. Agency/ Firm shall deploy/ engage reliable persons at client after proper character and police verification and impose any conditions as per prevailing contractual labour laws for such engagements, take disciplinary action or reward any person at work etc., at its sole costs, risks and responsibilities. Agency/ Firm shall intimate the details like name, age parentage, address (residential as well as permanent) of all staff to the Client and shall also intimate changes in addresses of the staff as and when they take place.
41. Agency/ Firm shall deal with and settle the matters related with unions and shall make sure that no labour disputes / problems are referred to Client. It shall totally indemnify Client in this regard.
42. Agency/ Firm should at all times indemnify Client against all claims, damages or compensation under the provisions of payment of wages Act, 1936; Minimum Wages Act, 1948; Employer's Liability Act, 1938 ; the workmen compensation Act, 1932 ; Industrial Disputes Act, 1947 ; Maternity Benefit Act, 1961 ; or any modification thereof or any other law relating thereto and rules made hereunder from time. Client will not own any responsibility in this regard.
43. Agency/ Firm staff shall always be disciplined, properly dressed and be presentable all the time during duty. The persons deployed by Agency/ Firm shall be properly trained, have requisite experience and skills for carrying out a wide variety of work. The Agency/ Firm shall be solely responsible to tackle the matters in case any of its staff deployed under this contract falls sick or is injured or goes on strike / unfair activities etc. during performance of his/her duty. It shall indemnify Client in all respects under this contract.
44. Tenderer should not have conflict of interest. The tenderer found to have conflict interest shall be disqualified.
45. No. Joint ventures are allowed.
46. **No Rebate** on account of small scale industries or any other ground or on any other ground or documents shall be granted in this Tender.
47. All statutory & mandatory deductions as per Government of India & Rajasthan State Government norms shall be deducted from each running bill & final bill of agency/ firm.
48. **GST** shall be applicable in this contract. NIT and the rules of Govt. of India as notified from time to time shall be followed in items of GST.
49. No escalation clause i.e, clause 10CC of IITJ/CPWD GCC form 7/8 is applicable in this NIT/ Contract.

50. Security deposit @2.5% will be deducted for entire gross work done including extension period if any, from each installment however, earnest money deposit will be adjusted to security deposit.
51. **1% (one percent) cess** towards labour welfare fund or as applicable, income tax as applicable and other taxes/ Statutory recoveries as applicable will be deducted from the bill of contractor.
52. No T & P would be supplied by the Institute and contractor will have to make his own arrangement.
53. The contractors are advised to get acquitted with the proposed work including specifications & its site and additional conditions carefully before quoting. No claim of any sort shall be entertained or account of any site conditions and ignorance of specifications & additional conditions. The work shall be carried out as per the availability of site.
54. The work shall be carried out as per CPWD specifications for civil work with up - to date correction slips unless otherwise specified in the nomenclature of individual item or in the specification, additional conditions where specifications are silent, the decision of Engineer-in-Charge shall be final and binding on contractor.
55. The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e Royalty, Cartage, GST , ESIC, EPF,& stacking of material required at places etc. The rates for different items of work shall apply for Heights & Depths, Leads & Lifts unless otherwise specified in the agreement or specifications applicable in the agreement.
56. Any damage done by the contractor to any existing item / any part of the building during the course of execution of work shall be made good by at his own cost.
57. The sample of material required in the work brought at site shall be got approved from Engineer -in-Charge before use in execution of work.
58. The sample of material required for Testing shall be provided at free of cost by the contractor. Testing charges if any shall be borne by Agency/Firm. All other expenditure to be incurred for taking sample, conveyance, packing etc. shall be borne by the contractor.
59. The contractor shall make his own arrangement for getting the permission with respect to trucks from the Traffic Police.
60. No payment shall be made to contractor for any damage caused by the rain or any other natural causes what so ever during the execution of work.
61. Some restrictions may be imposed by the security staff of IIT Jodhpur etc. on the working and or movement of labour & material. **No labour camp/ huts shall be allowed in IIT Jodhpur. The contractor shall make his own arrangement for labour huts outside the campus.**
62. The contractor shall be fully responsible for the safe custody of the material issued or brought at site by him for doing the work.
63. The Malba / Garbage generated at site during repair/maintenance/operation carried by the agency shall be removed from the site immediately & shall be disposed off by the contractor to the approved dumping site of Jodhpur Municipal Corporation and all statutory approvals from local bodies shall be a sole responsibility of contractor.
64. The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipment's left out of his work & dress the site around the building to the complete satisfaction of the Engineer-in-Charge before the work is treated as completed.
65. Income tax and other taxes as applicable shall be deducted from the bills of contractor .
66. Agency has to take proper safety measures during the execution of work.
67. IITJ/CPWD GCC form 7/8 shall form part of NIT and the bidder shall go through GCC before quoting rates and the same shall be deemed to be accepted by bidder if he participates in the tender.
68. **GST shall considered as inclusive in quoted rate of agency.**

69. There is a prevailing practice of pre-audit at IIT Jodhpur before releasing payment. Agency/firm shall have to comply all necessary documents as outlined in the Contract as to be desired by the Auditor and or by the Accountant. It may take minimum one month in the whole process (from submission / acceptance of bill in CMB / MB by the contractor upto processing by Accounts section) to release payment subject to quick compliance of all submittals by the contractor.

**INDIAN INSTITUTE OF TECHNOLOGY: JODHPUR
SPECIAL TERMS & CONDITIONS**

1. The work will be carried out as per CPWD specification.
2. Time allowed for the work will be initially **12 Months**.
3. All taxes such Income Tax whether applicable or laid by the government after opening the tender shall be borne by the Agency/ Firm & shall be deducted from the bills of Agency/ Firm.
4. Log book required shall be maintained at site by the Agency/ Firm.
5. Failure to comply any of the above clauses or due to unsatisfactory performance as observed by Engineer-in-charge, the contract shall be terminated at any stage without assigning any reason thereof.
6. The Agency/ Firm shall be responsible for any injury or accident to the labour during maintenance work and claim shall be given by the Agency/ Firm.
7. Any damage caused during maintenance work of the equipment of any Institute property shall be made by the Agency/ Firm on his own cost.
8. Final payment shall be released only after satisfactory completion of work.
9. The Agency/ Firm shall clean the site thoroughly to the entire satisfaction of Engineer-in-charge.

List of Buildings and services covered under this agreement:			
A) Academic Building			
Sr No	Name of Building	Sr No	Name of Building
1	Administration Block (East)	16	Porta Cabins (04 nos.)
2	Administration Block (West)	17	Primary Health Centre Building
3	Computer centre	18	Jodhpur Club Building
4	Library Building	19	Animal House
5	Lecture Hall Building	20	AI&DS Building
6	Computer Science & Engineering Building	21	Indoor Sports Complex
7	Basic Lab Building	22	Electrical Substations (12 Nos.)
8	Chemistry Building	23	Shamiyana the Institute Café
9	Biology Building	24	New Faculty Block
10	Instrumentation Building	25	Berms
11	Civil and Infrastructure Engineering Building	26	KV Building
12	Electrical Building	27	Innovation & Incubation centre
13	Mechanical Building	28	New Classroom Block
14	MME Building	29	AIOT FAB and Service Building
15	Physics Building		
B) Residential Building			
Sr No	Name of Building	Sr No	Name of Building
1	Director Bungalow & Servant Qtr	4	Type-III Apartment (05 Nos. Blocks)
2	Type-V Apartment (11 Nos. Blocks)	5	Transit Apartment (03 Blocks)
3	Type-IV and Type-IV S Apartment (7 Nos. Blocks and 06 Block)	6	Community Centre (1 Nos.)
C) Hostel Buildings			
Sr No	Name of Building	Sr No	Name of Building
1	Full Hostel (14 Nos. Blocks)	3	Dining Hall (2 Nos. Blocks).
2	Half Hostel (3 Nos Blocks)		
D) Water Treatment Plant (Civil Maintenance Work)			
E) Decentralized Waste Treatment Plant Room (Civil maintenance work)			
F) Tunnel, Trenches, Sub Trenches, Roads, and Boundary walls.			

Approved Make List of Materials (Civil)

S.No.	Material	Manufacturer
1	Ordinary Portland Cement/ Pozzolana Portland Cement	WONDER, ACC, ULTRATECH, BIRLA, AMBUJA
2	White Portland Cement	BIRLA WHITE, JK WHITE, ACC
3	Oil Bound Washable Distemper	BERGER PAINTS, ASIAN PAINT, NEROLAC, ICI
4	Acrylic Distemper	BERGER PAINTS, ASIAN PAINT, NEROLAC, AKZONOBEL
5	Premium Acrylic Emulsion Paints	BERGER PAINTS, ASIAN PAINT, NEROLAC, AKZONOBEL
6	Cement Primer	BERGER, ASIAN, ICI
7	Steel Primer	AKZONOBEL, NEROLAC, ASIAN PAINTS
8	Wood Primer	AKZONOBEL, NEROLAC, ASIAN PAINTS
9	Textured Exterior Paint	ASIAN PAINTS (APEX WITH HONEYCOMB ROLLER FINISH) ICI (WEATHER SHIELD WITH HONEYCOMB ROLLER FINISH), KANSAI NEROLAC (EXCEL WITH HONEYCOMB ROLLER FINISH)
10	Epoxy Paint	ASIAN, ICI, KANSAI NEROLAC, BERGER
11	Water Proofing Cement Paint	ASIAN PAINTS, SNOWCEM INDIA LTD., BERGER PAINTS
12	Synthetic Enamel Paint	BERGER, ASIAN PAINTS, ICI, NEROLAC
13	Vitrified Floor and wall Tiles	NITCO, SOMANY, JOHNSON, KAJARIA, RAK
14	Ceramic Floor Tiles/Wall Tiles	NITCO, SOMANY, JOHNSON, KAJARIA, RAK
15	White Glazed Tiles	NITCO, SOMANY, JOHNSON, KAJARIA, RAK
16	Tile Joint Filler	Asian Paints, Roff, Pidilite
17	Anodized Aluminum Hardware Fittings	EVERITE, KINLONG, ALU ALPHA by LGF Sysmac,
18	SS Fittings for wooden and aluminum work	GODREJ, DORMA, DORSET, HAFELE, KICH, ARCH, KAFF
19	Float Glass, Reflective Glass, Mirror Glass	MODI GUARD, SAINT GOBAIN, TATA-ASHAI, HNG, AIS-GLEVERBEL
20	Hardware fittings of doors, Patch Fittings and Friction Hinges	HETTICH, DORMA, ALU ALPHA by LGF Sysmac, DORSET

21	Floor Spring for Aluminum Doors	HARDWYN, GODREJ, DORMA, DORSET, ISI Mark
22	G.I Pipe and fittings	JINDAL, TATA, PRAKASH SURYA, UNIK, ZOLOTO
23	Silicone Sealant / Sealant	G.E, DOW CORNING, WACKER, SIKA, BECKER
24	Hermitically sealed performance glass Toughened Glass, DGU	AUTHORIZED FABRICATORS (MODI GUARD, SAINT GOBAIN, TATAASHAI
25	EPDM Gasket	HANU, OSAKA, ALPS
26	Dash, Anchoring, Hook Fasteners	HILTI, FISCHER, BOSCH, WuRTH
27	Wall Putty	BIRLA WALL CARE, JK WHITE, Ferrous Crete, Bison Wall Putty by BERGER
28	HDPE Pipes and Fittings	RELIANCE, JAINPIPES, ORIPLAST, DUTRON, SUPREME
29	CI Fittings	RBA FERRO, WALTZER, KAJECO, NECO, SKF
30	Float Valve	LK, LEADER, ZOLOTO
31	Centrifugally Cast (spun) Iron Pipes & Fittings	NECO, KAPILANSH, ELECTROSTEEL, SKF, BIC (Bengal Iron Corp.)
32	Centrifugally Cast (spun) Iron (Class LA) Pipes	NECO, KAPILANSH, ELECTROSTEEL, BIC (Bengal Iron Corp.)
33	C.I. Manhole covers, frames and GI Gratings	RBA FERRO, WALTZER, KAJECO, NECO, SKF, BIC (Bengal Iron Corp.)
34	SFRC Manhole covers and gratings	KK, JAIN, PRAGATI
35	Gun metal all type of Valves	LEADER, ZOLOTO, LK
36	CP Brass Fittings	JAQUAR, KOHLER, Hindware
37	Sanitaryware, Fittings and Accessories	JAQUAR, Hindware, KOHLER
38	Urinal Sensors	Hindware, Jaquar, Euronics
39	Forged Brass ball valve	ZOLOTO, LK, SANT, LEADER,
40	Non Return valve (Check valve)	LEADER, ZOLOTO, LK
41	Bronze Gate Valve	ZOLOTO, LK, SANT, LEADER
42	European WC, Indian WC, Cistern, Washbasin, Urinals, WC seat cover, Rigid/Flexible connector pipe	JAQUAR, HINDWARE, KOHLER
43	Gully Traps	PERFECT, PARRY, Jayaswal-Neco, MOLI CERAMICS, BIKANER CLAY Products
44	Ball Valves /in Built Filter	RAPID CONTROL, CIM, SKS, L&T VALVES. LEADER, ZOLOTO, ARCO
45	Butterfly Valve	KIRLOSKAR, CASTLE, KSB, LEADER, ZOLOTO

46	Soap Dispenser	EURONICS, HINDWARE, JAQUAR
47	Stainless Steel Sink	NEELKANTH, NIRALI, JAYNA
48	Aluminum Section	JINDAL, HINDALCO, INDALCO, HINDUSTAN
49	MDF Board/Commercial Board/Particle board/BWP marine Ply/WPC board	GREENPLY, GREENLAM, CENTURYPLY, MERINO, DURO
50	Flush Door Shutter	CENTURY DOORS, DURO, SWASTIK, A1WOODEN/A-1TEAK, GREENPLY, MERINO
51	Reinforced Bars(TMT) and Structural Steel	TATA, SAIL, JSW, APOLLO, Jindal, RINL
52	False Ceiling tiles	AEROLITE, ANUTONE, ARMSTRONG
53	Paver Block	KK, SWASTIK, DALAL, NAVYA TILE, PRERANA, Hindustan
54	PVC Waste Pipe	PRAYAG, POLYTUF, SUPREME
56	Bamboo Wooden flooring	Karra décor Pvt. Ltd., Inovar Floor India Pvt. Ltd. Or equivalent brand
57	Woodworks perforated panels	Armstrong, Ideatec, Topakustic, Anutone, Fantoni
58	Metal False Ceiling	Armstrong, Metallica Ceiling Solution, Hunter Douglas, Saint Gobain
59	Sluice valve	Kirloskar or equivalent
60	CPVC pipes and fittings	Plasto, Supreme, Finolex, Astral
61	uPVC pipes and fittings	Plasto, Supreme, Finolex, Astral, Prince
62	Unplasticised Rigid PVC pipes ,SWR Pipes and fittings	Plasto, Supreme, Finolex, Astral
63	Water Tank (6Layer)	Plasto , Sintex or Equivalent
64	PVC mosquito net	Saint Gobain or Equivalent
65	Glass film	Saint Gobain or Equivalent
66	ACP Sheet	Aludecore , Eurobond or Equivalent
67	Drain Jali	Hindware or Equivalent
68	Hardware for uPVC door and windows	Pego, Zamak or Equivalent
69	Hydraulic Door Closer	Dorset, Godrej or Equivalent
70	Stainless Steel Grade 304 railing	Jindal, Sail or Equivalent
71	Ductile Iron Pipes	Jindal or Equivalent
73	Tile and stone adhesive, Grouting Compound	Pidilite, Bal Endura, Fosroc, Ferrous Crete
74	G.I. barbed wire	TATA or Equivalent
75	Cpvc ball valve	Plasto, Supreme, Finolex, Astral
76	Cloth Hanger SS	Kich, Arch or Equivalent

Schedule of Quantities

Name of Work : Annual Repair and Maintenance Operation (ARMO) -Civil Works, at Indian Institute of Technology Jodhpur (IITJ) Karwar - 342030 for one Year .					
Sr. No.	Description of item	Qty.	Unit	Rate	Amount
1	EARTH WORK				
1.1	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 for all lift, as directed by Engineer-in-charge				
1.1.1	All kinds of soil	120.00	cum	177.50	21300.00
1.2	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-in-charge.				
1.2.1	Ordinary rock	30.00	cum	498.90	14967.00
1.2.2	Hard rock (blasting prohibited)	10.00	cum	1,432.95	14,329.50
1.3	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not				

	exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
1.3.1	All kinds of soil.	120.00	cum	260.30	31236.00
1.4	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.				
1.4.1	Ordinary rock	20.00	cum	632.95	12659.00
1.5	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 and for all lift.	125.00	cum	196.00	24500.00
1.6	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete for all lift.	200.00	cum	700.50	140100.00
1.7	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m				

	and lift upto 1.5 m.				
1.7.1	All Kind of soil	13,500.00	sqm	34.15	461025.00
2	CONCRETE WORK/RCC WORK				
2.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:				
2.1.1	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	30.00	cum	8340.85	250225.50
2.1.2	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	30.00	cum	7878.5	236355.00
2.1.3	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	30.00	cum	7294.7	218841.00
2.1.4	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	65.00	cum	6812	442780.00

2.2	<p>Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.</p>				
2.2.1	All works upto plinth level :				
2.2.1.1	Concrete of M10 grade with minimum cement content of 220 kg /cum	60.00	cum	8,835.15	530109.00
2.2.1.2	Concrete of M15 grade with minimum cement content of 240 kg /cum	60.00	cum	8,986.15	539169.00
2.2.1.3	Concrete of M20 grade with minimum	20.00	cum	9,212.60	184252.00

	cement content of 270 kg /cum				
2.2.1.4	Concrete of M25 grade with minimum cement content of 300 kg /cum	20.00	cum	9,439.05	188781.00
2.3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				
2.3.1	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	35.00	cum	9045.75	316601.25
2.4	Centering and shuttering including strutting, propping etc. and removal of form work for :				
2.4.1	Foundations, footings, bases of columns ,etc for mass concrete	45.00	sqm	392.15	17646.75
2.4.2	Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.	20.00	sqm	842.50	16850.00
2.4.3	Suspended floors, roofs, landings, balconies and access platform	20.00	sqm	927.25	18545.00
2.4.4	Lintels, beams, plinth beams, girders, bressumers and cantilevers	30.00	sqm	736.40	22092.00
2.5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto/above plinth level.				
2.5.1	Thermo-Mechanically Treated bars of grade Fe-500D or more	1,500.00	kg	107.85	161775.00

2.6	<p>Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.</p>				
2.6.1	All works upto plinth level				
2.6.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	30.00	cum	9,504.75	285142.50
2.6.1.2	Concrete of M30 grade with minimum cement content of 350 kg /cum	10.00	cum	9,655.70	96557.00
3	MASONRY/STONE/BRICK /CLADDING WORK				
3.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class				

	designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
3.1.1	Cement mortar 1:6 (1 cement : 6 coarse sand	5.00	sqm	9,105.95	45,529.75
3.2	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
3.2.1	Cement mortar 1:4 (1 cement :4 coarse sand)	35.00	sqm	1,123.80	39333.00
3.3	Brick work with non modular fly ash bricks conforming to IS:12894,class designation 10 average compressive strength in super structureabove plinth level up to floor V level in				
3.3.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	25.00	cum	8,752.55	218813.75
3.4	Providing and laying Autoclaved Aerated concrete(AAC) blocks masonry 100 mm/ 125 mm thick with Grade-1 AAC blocks of density 551 to 650 kg/cum conforming to IS:2185 (Part 3) in super structure above plinth level up to floor V level in cement mortar 1:4 (1 cement : 4 coarse sand). The rate includes providing and placing in position 2 Nos 6 mm dia M.S. bars at every third course of masonry work.	4.00	cum	10195.45	40781.80

3.5	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with :				
3.5.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	22.00	cum	7311.25	160847.50
3.6	Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like.				
3.6.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	52.00	cum	9,275.45	482323.40
3.7	Coursed rubble masonry with hard stone (first or second sort) in superstructure above plinth level and upto floor five level.				
3.7.1	Masonry work (first sort), in cement mortar 1:6 (1 cement : 6 coarse sand)	12.00	cum	10,741.60	128899.20
3.8	Stone work, plain in copings, cornices, string courses and plinth courses, upto 75 mm thick in Cement mortar 1:6 (1 cement : 6 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade				
3.8.1	White sand stone	7.50	cum	107965.10	809738.25

3.9	Providing and fixing stone jali 40 mm thick throughout in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment, matching the stone shade, jali slab without any chamfers etc.				
3.9.1	White sand stone	35.00	sqm	14994.15	524795.25
3.10	Marble work gang saw cut (polished and machine cut) of thickness 18 mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade (To be secured to the backing by means of cramps, which shall be paid for separately).				
3.10.1	Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble				
3.10.1.1	Area of slab over 0.50 sqm	10.00	sqm	5938.00	59380.00
3.11	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand),				

	<p>joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels.</p>				
3.11.1	Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble				
3.11.1.1	Area of slab over 0.50 sqm	10.00	sqm	3078.40	30784.00
3.11.2	Granite stone slab of colour black, Cherry/Ruby red				
3.11.2.1	Area of slab over 0.50 sqm	70.00	sqm	5136.30	359541.00
3.11.3	Granite stone slab of all colour and texture except black, Cherry/Ruby red				
3.11.3.1	Area of slab over 0.50 sqm	70.00	sqm	3,848.70	269409.00
3.12	<p>Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.</p>				
3.12.1	Granite work	100.00	metre	510.95	51095.00
3.13	<p>Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.</p>	600.00	sqm	506.70	304020.00
3.14	<p>Providing and fixing stainless steel cramps of required size and shape for anchoring stone wall lining to the backing or securing adjacent stones in stone wall lining in cement mortar 1:2 (1 cement : 2 coarse sand), including making the necessary chases in stone</p>	100.00	kg	714.40	71440.00

	and holes in walls wherever required.				
4	WOOD/PVC/STEEL WORK				
4.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak three ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.				
4.1.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	20.00	sqm	3,473.85	69477.00
4.1.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	35.00	sqm	3,167.95	110878.25
4.2	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm all complete.				
4.2.1	With second class teak wood beading 62X19 mm	60.00	sqm	1,308.35	78501.00
4.3	Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete :				
4.3.1	125x64x2.50 mm	40.00	each	129.85	5194.00
4.3.2	100x60x2.50 mm	120.00	each	106.35	12762.00
4.3.3	75x50x2.50 mm	100.00	each	89.30	12762.00
4.4	Providing and fixing aluminium handles, ISI marked, anodised (anodic				

	coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
4.4.1	125mm	20.00	each	66.25	1325.00
4.5	Providing and fixing stainless steel (SS-304 grade) friction hinges to the side/top hung uPVC windows, of approved quality, with necessary stainless steel screws etc. as per direction of Engineer-in-charge.				
4.5.1	300 x 19 x 1.9 mm	30.00	each	459.55	13786.50
4.6	Providing and fixing steel roller for uPVC sliding window with necessary screws etc. complete.	15.00	each	115.80	1737.00
4.7	Providing and fixing steel roller for uPVC sliding door with necessary screws etc. complete.	15.00	each	185.50	2782.50
4.8	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete	370.00	kg	117.35	43419.50
4.9	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	500.00	kg	133.70	66850.00
4.10	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.				
4.10.1	Electric resistance or induction butt welded tubes	500.00	kg	194.40	97200.00
4.11	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
4.11.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1,000.00	kg	172.60	172600.00
4.12	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	600.00	kg	772.40	463440.00
4.13	Providing and fixing Gl Clip in Metal Ceiling System of 600x600 mm module which includes providing and fixing 'C' wall angle of size 20x30x20 mm	100.00	sqm	2,221.70	2,22,170.00

	<p>made of 0.5 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm center to centre, suspending the main C carrier of size 10x38x10 mm made of G.I steel 0.7 mm thick from the soffit with help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at 1000 mm c/c. Inverted triangle shaped Spring Tee having height of 24 mm and width of 34 mm made of GI steel 0.45 mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centers with help of suspension brackets. Wherever the main C carrier and spring T have to join, C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (both side inclusive), fixing with clip in tiles into spring T with :GI Metal Ceiling Clip in plain Beveled edge global white colour tiles of size 600x600 and 0.5 mm thick with 25 mm height, made of G I sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending</p>				
5	FLOORING/ROOFING WORK				

5.1	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
5.1.1	25 mm thick	70.00	sqm	1948.25	136377.50
5.2	40 mm thick fine dressed stone flooring over 20 mm (average) thick base of cement mortar 1:5 (1 cement : 5 coarse sand) with joints finished flush.				
5.2.1	White sand stone	40.00	sqm	1342.65	53706.00
5.3	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-incharge				
5.3.1	Size of Tile 600x600 mm	250.00	sqm	309.05	77262.50
5.4	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building, all complete as per the architectural drawings, with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand), laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching				

	shade, including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.				
5.4.1	Polished Granite stone slab of colour Black, Cherry/Ruby Red or equivalent.	30.00	sqm	4,481.30	134439.00
5.4.2	Polished Granite stone slab of all colour and texture except Black, Cherry/Ruby Red	20.00	sqm	3,071.05	61421.00
5.5	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-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	70.00	sqm	738.65	51705.50
5.6	Providing and fixing Heat Resistant	40.00	sqm	1,703.95	68158.00

	Terrace Tiles (300 mm x 300 mm x 20 mm) with SRI (solar refractive index) > 78, solar reflection > 0.70 and initial emittance > 0.75 on waterproof and sloped surface of terrace, laid on 20 mm thick cement sand mortar in the ratio of 1:4 (1 cement : 4 coarse sand) and grouting the joints with mix of white cement & marble powder in ratio of 1:1, including rubbing and polishing of the surface upto 3 cuts complete, including providing skirting upto 150 mm height along the parapet walls in the same manner.				
6	FINISHING				
6.1	12 mm cement plaster of mix :				
6.1.1	1:6 (1 cement: 6 fine sand)	175.00	sqm	333.35	58336.25
6.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
6.2.1	1:6 (1 cement: 6 fine sand)	70.00	sqm	383.00	26810.00
6.3	20 mm cement plaster of mix :				
6.3.1	1:6 (1 cement: 6 fine sand)	70.00	sqm	450.00	31500.00
6.4	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	12,000.00	sqm	156.05	1872600.00
6.5	Wall painting with premium acrylic emulsion paint of interior grade , having VOC (volatile organic				

	compound)content less than 50 grams /litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.				
6.5.1	One coat	1,10,000.00	sqm	95.45	10499500.00
6.5.2	Two coat	30000	sqm	142.8	4284000
6.6	Applying priming coats with primer of approved brand and manufacture having low VOC (volatile organic compound) content.				
6.6.1	with water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	200.00	sqm	73.95	14790.00
6.7	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc.complete	12,000.00	sqm	19.75	237000.00
6.8	Painting (one or more coats) on rain water, soil, waste and vent pipes and fittings with synthetic enamel paint of approved brand and manufacture and required colour on old work :				
6.8.1	100 mm diameter pipes	1,000.00	metre	36.25	36250.00
6.9	Painting with synthetic enamel paint of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.				
6.9.1	One or more coats on old work	6,000.00	sqm	102.80	616800.00
6.10	Finishing walls with textured exterior paint of required shade :				

6.10.1	Old work (one or more coats) applied @ 1.82 ltr/10 sqm.	1,000.00	sqm	109.10	109100.00
6.11	Finishing walls with Acrylic Smooth exterior paint of required shade :				
6.11.1	Old work (One or more coat applied @ 0.90 ltr/10 sqm).	4,000.00	sqm	80.65	322600.00
6.12	Finishing walls with textured exterior paint of required shade :				
6.12.1	New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	300.00	sqm	223.60	67,080.00
6.13	Finishing walls with Acrylic Smooth exterior paint of required shade :				
6.13.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	1,000.00	sqm	160.60	1,60,600.00
6.14	Polishing in high gloss/matt finish melamine clear polish on wood work in required color/ wooden shade texture with following process in the sequence as detailed below: 1. The surface to be polished is rubbed with sand paper 80/120 no. and then with sand paper of 160/180 nos. 2. Applying two coats of sealer with spray gun and allowing sufficient drying time for 1st coat and 2nd coat is allowed to dry for 8 to 12 hrs. 3. On drying of sealer coat, wet rubbing with emery cloth of finer grading with	60.00	sqm	1,360.45	81627.00

	<p>ample water to remove excess sealer layer and make the surface further smooth after this wet rubbing, then surface is applied with special grade melamine fillers to fill all the small and big holes/ grooves etc. Filler coat to be allowed to dry for 4 to 6 hrs on which again a light wet rubbing is done this surface is further allowed to dry for 12 hrs.</p> <p>4. On this, 1st coat of melamine polish is applied with spray gun using melamine clear polish and melamine thinner in required proportion. This 1st coat is allowed to dry for 24 hrs then this dry surface is again fine wet rubbed smooth, which is further allowed to dry for 12 hrs. The final melamine polish is applied with compressor pressure spray gun using melamine clear polish and melamine thinner mixed in required proportion complete as per direction of Engineer-in-Charge. (Final coat to be done in 1 or 2 layers without gap of time.</p>				
7	REPAIR TO BUILDING, DISMANTLING & DEMOLISHING				

7.1	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding. Note: - This item to be used for maintenance work judicially, necessary deduction for scaffolding in the existing item to be done.	1,000.00	sqm	338.25	338250.00
7.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
7.2.1	Nominal concrete 1:3:6 or richer mix (including equivalent design mix)	10.00	cum	2,434.25	24342.50

7.3	Dismantling dressed stone work ashlar face stone work, marble work or precast concrete work manually/ by mechanical means including stacking of serviceable and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :				
7.3.1	In cement mortar	10.00	cum	2,877.75	28777.50
7.4	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineerin- charge.	400.00	sqm	56.35	22540.00
7.5	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading,transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved	400.00	cum	263.95	105580.00
8	ROAD WORK				
8.1	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	15.00	cum	10,117.60	151764.00

	<p>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).</p>				
8.2	<p>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 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.</p>				
8.2.1	<p>60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.</p>	450.00	sqm	1,045.65	470542.50
9	<p>SANITARY INSTALLATIONS & WATER SUPPLY</p>				

9.1	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :				
9.1.1	Kitchen sink without drain board				
9.1.1.1	610x510 mm bowl depth 200 mm	10.00	each	4940.80	49408.00
9.2	Providing and fixing white vitreous china laboratory sink including making all connections excluding cost of fittings :				
9.2.1	Size 600x450x200 mm	15.00	each	4077.65	61164.75
9.3	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete	55.00	each	1607.95	88437.25
9.4	Providing and fixing shielded coupling for Hubless centrifugally cast iron pipe				
9.4.1	100 mm dia	20.00	each	432.05	8641.00
9.5	Providing and fixing gun metal non-return valve of approved quality (screwed end) :				
9.5.1	25 mm nominal bore				
9.5.1.1	Horizontal	10.00	each	591.40	5914.00
9.5.1.2	Vertical	10.00	each	624.10	6241.00
9.5.2	32 mm nominal bore				
9.5.2.1	Horizontal	5.00	each	791.90	3959.50
9.5.2.2	Vertical	5.00	each	850.25	4251.25

9.5.3	40 mm nominal bore				
9.5.3.1	Horizontal	15.00	each	952.60	14289.00
9.5.3.2	Vertical	15.00	each	1134.70	17020.50
9.5.4	50 mm nominal bore				
9.5.4.1	Horizontal	10.00	each	1371.20	13712.00
9.5.4.2	Vertical	10.00	each	1445.15	14451.50
9.5.5	65 mm nominal bore				
9.5.5.1	Horizontal	5.00	each	2448.05	12240.25
9.5.5.2	Vertical	5.00	each	2291.55	11457.75
9.6	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	20,000.00	Litre	11.00	220000.00
10	ALUMINIUM WORK				
10.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed				

	mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
10.1.1	For fixed portion				
10.1.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	500.00	kg	530.90	265450.00
10.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
10.1.2.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	100.00	kg	634.45	63445.00
10.2	Providing and fixing 12 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.				
10.2.1	Pre-laminated particle board with decorative lamination on both sides	50.00	sqm	1,115.40	55770.00
10.3	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 (cost of aluminium snap beading shall be paid in basic item):				
10.3.1	With float glass panes of 8 mm thickness (weight not less than 20kg/sqm)	50.00	sqm	1,685.40	84270.00
11	Water Proofing, New Technologies and Materials				
11.1	Providing & Applying polymer modified, flexible cementitious negative side waterproofing coating with elastic waterproofing polymers on interior wall plaster surface in three coats @14.35 kg /10 sqm. one coat of self priming of cementitious waterproofing polymer(dilution with water in the ratio of 1:1) and two coats of cementitious waterproofing polymer (dilution with water in the ratio of 3:1) after scrapping and properly cleaning the surface to remove pre-existing paint film & loose particles till plaster is visible, complete in all respect as per the direction of Engineer-in-Charge.	200.00	sqm	447.35	89470.00
11.2	Stirrer mixed SBR Polymer (of approved make) modified Cement slurry made with Shrinkage Compensating Cement in	200.00	kg	124.00	24800.00

	concrete/RCC work				
	Total DSR Item Rs.				30475306.15
12	MISCELLANOUS				
12.1	Providing and fixing sun protected glass film of matte white/froasted/black or any other design required at site, as per direction of the Engineer-in-Charge.	170.00	sqm	477.33	81146.10
12.2	Providing and Fixing 4 mm thickness ACP (Aluminium Composite Panel) Of Required Colour/shade in Cladding/Wall Panelling . ACP material consisting of 3mm thick FR grade mineral core sandwiched between two aluminium sheets (each 0.5Smm thick). the aluminium composite panel cladding sheet shall be coil coated, with kynar 500 based PVDF /Lumiflon based luoropolymer resin coating of approved colour and shade on face # 1 and polymer Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, wheather silicone sealant, backer rods etc. c) The ACP Shall be Fixied on MS Tubular Frame/ Aluminium Frame With CP/SS Screw And Joint Of ACP Panels Shall be Waterproof Applying Sealent . All Work To be Complete As Per directed of the Engineer-in-charge.(Rate Excluding THE Cost Of Steel/ Aluminium Frame On Which ACP To be Fixed)(Make:	20.00	sqm	2070.41	41408.20

	Eurobond,aludecor,alstone or				
12.3	Repairing of the joints of HDPE/DI pipeline of all diameter upto 250mm dia, wherever leakage is observed using all necessary materials such as CID joints long/short collar,HDPE stub bend/tail piece, HDPE TEE, HDPE Elbow, HDPE spigot elbow, HDPE End cap ,HDPE Reducer,HDPE flange, MS Flange, MS clip of required size for 250mm dia DI pipe line, MS nut bolts, rubber sheet/gasket of required thickness,rubber rings, special MS fittings with necessary tools & machinery such as hydra,jcb,tractor trolley,plate heater for hdpe pipe jointing,jack, grinder for cutting of pipe , blades ,scaffolding, potable DG set ,mud pump etc at all the locations within 2 hours of information received from Engineer In-charge (Note: All the necessary manpower/labours, material,tools and machines should be available in sufficient quantity at site 24X7, Delay due to non availability on this account shall lead action against the contractor with penalty as per decision taken by the engineer incharge.)(HDPE pipe PE100,PN10) (Make: Reliance, Jain, Oriplast)	45.00	Per Joint	5419.23	243865.35
12.4	Core cutting of size 50 mm to 150mm diameter in existing brick/stone/RCC wall of depth upto 600 mm or as per direction of the Engineer-in-Charge.	75.00	Each	2398.50	179887.50

12.5	Hiring of tractor with trolley of suitable capacity including diesel with experienced driver holding a valid driving licence as per statutory requirements. The tractor shall have valid registration certificate (RC), insurance, pollution under control (PUC) certificate, and comply with all Motor Vehicle Act norms .	150.00	Day	1850.28	277542.00
12.6	Hiring of JCB(Front end loader -1 cum bucket capacity) including diesel with experienced driver holding a valid driving licence as per statutory requirements. The vehicle shall have valid registration certificate (RC), insurance, pollution under control (PUC) certificate, and comply with all Motor Vehicle Act norms .	200.00	Hour	1418.54	283708.00
12.7	Hiring of crane 20 tonne capacity including diesel with experienced driver holding a valid driving licence as per statutory requirements. The vehicle shall have valid registration certificate (RC), insurance, pollution under control (PUC) certificate, and comply with all Motor Vehicle Act norms .	100.00	Hour	1344.87	134487.00
13	SUPPLY ITEMS				
13.1	Supply of PPC Cement bag (50Kg)of approved make as per direction of engineer incharge.	350.00	Per Bag	383.30	134155.00

13.2	Supply of white cement bag (50kg) as per direction of Engineer In-charge.	55.00	Per Bag	1103.42	60688.10
13.3	Supply and stacking at site Bajri from approved location as per direction of Engineer In-charge.	100.00	cum	1508.00	150800.00
13.4	Supply and stacking at site Aggregate from approved location as per direction of Engineer In-charge.				
13.4.1	10mm	40.00	cum	1919.00	76760.00
13.4.2	20mm	40.00	cum	1953.00	78120.00
13.4.3	40 mm	40.00	cum	1919.00	76760.00
13.5	Supply of CP Brass Bib Cock 15mm of Jaquar make CON-037KN or equivalent models of other make as per direction of Engineer In-charge.	30.00	Each	1394.00	41820.00
13.6	Supply of CP Brass long body Bib Cock with wall flange of Jaquar make CON-107KN or equivalent models of other make as per direction of Engineer In-charge.	30.00	Each	1916.00	57480.00
13.7	Supply of C.P. brass two way bib cock 15mm of Jaquar make: FLR-5041N/ COP-CHR-041PM or equivalent models of other make as per direction of Engineer In-charge.	10.00	Each	1742.00	17420.00
13.8	Supply of CP Brass Angle valve Jaquar cat. no. CON-059KN or equivalent models of other make as per direction of Engineer In-charge.	150.00	Each	1173.00	175950.00
13.9	Supply of regular body of concealed stop cock suitable for 15mm pipe line with protection cap (without exposed parts) of Jaquar make : ALD-083 or equivalent models of other make as per direction of Engineer In-charge.	20.00	Each	1220.00	24400.00

13.10	Supply of CP Brass Central hole basin mixer with regular spout without popup waste system make of Jaquar cat. No. FLR-5167NB or equivalent models of other make as per direction of Engineer In-charge.	20.00	Each	3713.00	74260.00
13.11	Supply of CP Brass Sink Mixer of Jaquar make FLR-5319NB or equivalent models of other make as per direction of Engineer In-charge.	10.00	Each	3670.00	36700.00
13.12	Supply of Wall mixer of Jaquar make FLR-5273UPR or equivalent models of other make as per direction of Engineer In-charge.	15.00	Each	5742.00	86130.00
13.13	Supply of Sink Cock with Regular Swinging Spout of Jaquar cat. No. FLR-5357N or equivalent models of other make as per direction of Engineer In-charge.	15.00	Each	2094.00	31410.00
13.14	Supply of Sink cock with extended swinging spout of Jaquar cat. No. FLR-5357SD or equivalent models of other make as per direction of Engineer In-charge.	15.00	Each	2482.00	37230.00
13.15	Supply of chand washer set small/big for central hole basin and sink mixer complete or equivalent models of other make as per direction of Engineer In-charge.	120.00	Each	214.00	25680.00
13.16	Supply of CP Brass Bottle trap of Jaquar make ALD-769L300X190 or equivalent models of other make as per direction of Engineer In-charge.	65.00	Each	2265.00	147225.00
13.17	Supply of CP brass Waste Coupling full threaded 32mm for wash basin of Jaquar make:-ALD-CHR-705 or	65.00	Each	650.00	42250.00

	Hindware Cat. No:- F850002 or equivalent models of other make as per direction of Engineer In-charge.				
13.18	Supply of CP brass Waste Coupling full threaded 32mm for kitchen sink of J as per direction of Engineer In-charge.	30.00	Each	247.00	7410.00
13.19	Supply of CP Brass hand shower(Health Faucet) with 8mm dia, 1.2 meter long flexible tube & Wall hook of Jaquar make ALD-CHR-573 or or equivalent models of other make as per direction of Engineer In-charge.	350.00	Each	1858.00	650300.00
13.20	Supply of 450mm long braided hose with two 15mm nuts & rubber washers without (Suitable for geysers and EWC) of Jaquar make ALD-805B or equivalent models of other make as per direction of Engineer In-charge.	65.00	Each	337.00	21905.00
13.21	Supply of Shower of Jaquar make OHS-CHR-35495 or equivalent models of other make as per direction of Engineer In-charge.	40.00	Each	3310.00	132400.00
13.22	Supply of Shower arm of Jaquar make SHA-CHR-483 or equivalent models of other make as per direction of Engineer In-charge.	40.00	Each	1347.00	53880.00
13.23	Supply of Soap dispenser with glass bottle of jaquar make: ACN-CHR-1135N or equivalent models of other make as per direction of Engineer In-charge.	120.00	Each	1742.00	209040.00
13.24	Supply of Towel ring square of Jaquar make: AKP-CHR-35721P or equivalent models of other make as per direction of Engineer In-charge.	6.00	Each	2497.00	14982.00

13.25	Supply of Towel rack 600mm long lower hangers stainless steel of Jaquar make:ACN-CHR-1181S or equivalent models of other make as per direction of Engineer In-charge.	6.00	Each	3775.00	22650.00
13.26	Supply of Urinal of Hindware make Model no Dyna star white 60010, size 640 x 370 x 310 mm, Jaquar make Model no URS-WHT-13263, size 650 x 340 x 325 mm or equivalent models of other make as per direction of Engineer In-charge.	25.00	Each	12666.00	316650.00
13.27	Supply of auto closing concealed urinal flush valve of Jaquar make: PRS-CHR-073 or equivalent models of other make as per direction of Engineer In-charge.	200.00	Each	3310.00	662000.00
13.28	Supply of Urinal Sensor flushing battery operated of Hindware make (Catalogue no. F860083CP)/SAP Code 524609 / 523609 or equivalent models of other make as per direction of Engineer In-charge.	100.00	Each	7949.00	794900.00
13.29	Supply of Cell for urinal sensor battery	1,600.00	Each	12.00	19200.00
13.30	Supply of White vitreous china oval shape wash basin of Jaquar FLS-WHT-5701 or Hindware-zen 10049 or equivalent models of other make as per direction of Engineer In-charge.	9.00	Each	3543.00	31887.00
13.31	Supply of Rimless Bowl With Cistern For Extended Wall Hung WC With PP Soft Close Seat cover, Hinges, Dual Flush Cistern Fitting, Accessories Set, Size: 380x650x730 mm of Jaquar make: FLS-WHT-5353PPZ or equivalent as per direction of Engineer In-charge.	35.00	Each	14054.00	491890.00

13.32	Supply of Wall hung WC of Hindware: 92055 / 20096 ETIOS or equivalent as per direction of Engineer In-charge.	15.00	Each	6844.00	102660.00
13.33	Supply of Floor mounted WC of Hindware make: 20012 or equivalent as per direction of Engineer In-charge.	7.00	Each	6510.00	45570.00
13.34	Supply of Indian type WC of Hindware make orissa pan eco cat. No. 20042 or equivalent as per direction of Engineer In-charge.	7.00	Each	2345.00	16415.00
13.35	Supply of Cistern Tank For Hindware Wall hung WC (model No. 92055) Cistern code: 92121 / 21056 , Jaquar EWC FLS-WHT-5353PPZ, Kohler EWC Including all necessary fittings and accessories etc as per direction of Engineer -in -charge	30.00	Each	3529.00	105870.00
13.36	Supply of EWC Seat cover:				
13.36.1	Supply of PP soft close seat cover (for jaquar EWC: FLS-WHT-5353PPZ) of Jaquar make: FLS-WHT-5101PP or equivalent as per direction of Engineer In-charge.	35.00	Each	1626.00	56910.00
13.36.2	Supply of PP soft close seat cover (for hindware EWC: 92055) of Hindware make: 506920 / 500240 or equivalent model as per direction of Engineer In-charge.	35.00	Each	5482.00	191870.00
13.36.3	Supply of Odeon quiet close toilet Seat cover in white colour of Kohler make: 88271N-2-0 or equivalent as per direction of Engineer In-charge.	20.00	Each	2776.00	55520.00
13.37	Supply of Syphon Set with ball cock of size 200mm/225mm/250mm or as per	300.00	Each	872.00	261600.00

	site requirement of approved make Including all necessary fittings and accessories etc. as per direction of Engineer -in -charge				
13.38	Supply of Rigid/Flexible Connector pipe of various required size for Jaquar/Hindware/Kohler EWC of jaquar make: ZPS-WHT-VB03 or kohler make 1046327-S or hindware or equivalent make at required location Including all necessary fittings and accessories etc. as per direction of Engineer -in -charge	150.00	Each	372.00	55800.00
13.39	Supply of gratings:				
13.39.1	Supply of SS Grating with frame heavy duty 150 x 150/150x110/ 75x75 mm of Weight approx 610/240 grams as per direction of Engineer In-charge.	40.00	Each	443.00	17720.00
13.39.2	Supply of Stainless Steel Round drain jali 100mm,125mm dia. of approved make as per direction of Engineer In-charge.	35.00	Each	44.00	1540.00
13.40	Providing and fixing unplasticised P.V.C. connection pipe with brass unions:				
13.40.1	45cm length				
13.40.1.1	15 mm nominal bore with 45 cm length	75.00	Each	130.00	9750.00
13.40.2	60cm length				
13.40.2.1	15 mm nominal bore with 60 cm length	150.00	Each	171.00	25650.00
13.41	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
13.41.1	Flexible pipe -				
13.41.1.1	32 mm dia	230.00	Each	69.00	15870.00

13.42	Supply of unplasticised Rigid PVC pipes for horticulture water supply conforming to IS :4985 :2000 including all fittings (Bend,Couplar,Tee,Shoe,socket, reducer ,valve,flanged tail piece, end plugs, screwed,adaptars etc)wherever necessary, jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
13.42.1	40 mm diameter Class -3, pressure-6kgf/cm2	30.00	Metre	69.00	2070.00
13.42.2	50 mm diameter Class -3, pressure-6kgf/cm2	20.00	Metre	104.00	2080.00
13.42.3	63 mm diameter Class -3, pressure-6kgf/cm2	40.00	Metre	317.00	12680.00
13.42.4	75 mm diameter Class -3, pressure-6kgf/cm2	20.00	Metre	433.00	8660.00
13.42.5	90 mm diameter Class -3, pressure-6kgf/cm2	20.00	Metre	613.00	12260.00
13.42.6	110 mm diameter Class -5, pressure-10kgf/cm2	40.00	Metre	908.00	36320.00
13.43	Supply of SS Rack bolt upto 9 inch length	60.00	Each	326.00	19560.00
13.44	Supply of GI Pipes with GI Fittings (TEE, Elbow,Reducer,Socket,Reducer TEE ,Reducer socket, bush, bend,nipple,hex nipple,taprol,pluck,union,solvent ,ss pipe clamps, pipe hook ,CI Cap etc.) of approved make and necessary tools for GI pipe line work as per instruction of Engineer-in-Charge. (Payment will be made only as per actual length of pipe				

	used at site) Nothing extra will be paid for fittings used.				
13.44.1	20mm dia	25.00	Metre	248.00	6200.00
13.44.2	25mm dia	25.00	Metre	351.00	8775.00
13.44.3	32mm dia	25.00	Metre	440.00	11000.00
13.44.4	40mm dia	25.00	Metre	517.00	12925.00
13.44.5	50mm dia	25.00	Metre	695.00	17375.00
13.45	Supply of Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain fitting (Plain FTA, Plain TEE, Plain Elbow, Coupler, Rigid coupler, Rigid Elbow, Reducer, Socket, Reducer TEE, Reducer socket, bush, bend, short bend, long bend, end cape, nipple, hex nipple, taflon tape, pluck, cpvc solvent, pipe clamps, pipe hook, CI Cap etc.) of approved make. This includes jointing of pipes & fittings with one step CPVC solvent and testing of joints with necessary tools for cpvc pipe line work as per instruction of Engineer-in-Charge. (Payment will be made only as per actual length of pipe used at site) Nothing extra will be paid for fittings used.				
13.45.1	20mm dia	250.00	Metre	91.00	22750.00
13.45.2	25mm dia	300.00	Metre	147.00	44100.00
13.45.3	32 mm dia	80.00	Metre	215.00	17200.00
13.45.4	40mm dia	350.00	Metre	308.00	107800.00
13.45.5	50 mm dia	80.00	Metre	505.00	40400.00
13.46	Supply of Fittings for CPVC pipes-				

13.46.1	Supply of Union				
13.46.1.1	20mm dia	40.00	each	62.00	2480.00
13.46.1.2	25mm dia	65.00	each	79.00	5135.00
13.46.1.3	32mm dia	40.00	each	108.00	4320.00
13.46.1.4	40mm dia	55.00	each	190.00	10450.00
13.46.2	Supply of Tank connector				
13.46.2.1	20mm dia	15.00	each	39.00	585.00
13.46.2.2	25mm dia	15.00	each	56.00	840.00
13.46.2.3	32mm dia	15.00	each	86.00	1290.00
13.46.2.4	40mm dia	15.00	each	130.00	1950.00
13.46.3	Supply of Tank nipple				
13.46.3.1	20mm dia	15.00	each	48.00	720.00
13.46.3.2	25mm dia	15.00	each	71.00	1065.00
13.46.3.3	32mm dia	15.00	each	111.00	1665.00
13.46.3.4	40mm dia	25.00	each	130.00	3250.00
13.46.4	Supply of MTA Brass				
13.46.4.1	20mm dia	35.00	each	111.00	3885.00
13.46.4.2	25mm dia	60.00	each	174.00	10440.00
13.46.4.3	32mm dia	25.00	each	393.00	9825.00
13.46.4.4	40mm dia	40.00	each	496.00	19840.00
13.46.5	Supply of FTA Brass				
13.46.5.1	20mm dia	35.00	each	95.00	3325.00
13.46.5.2	25mm dia	60.00	each	189.00	11340.00
13.46.5.3	32mm dia	25.00	each	380.00	9500.00
13.46.5.4	40mm dia	40.00	each	456.00	18240.00
13.46.6	Supply of TEE Brass				
13.46.6.1	20mm dia	35.00	each	97.00	3395.00
13.46.6.2	25mm dia	60.00	each	184.00	11040.00

13.46.6.3	32mm dia	25.00	each	326.00	8150.00
13.47	Supply of Cpvc ball valve of approved make ISI Mark as per direction of Engineer In-charge.				
13.47.1	20 mm nominal bore	20.00	Each	105.00	2100.00
13.47.2	25 mm nominal bore	20.00	Each	157.00	3140.00
13.47.3	32 mm nominal bore	21.00	Each	310.00	6510.00
13.47.4	40 mm nominal bore	20.00	Each	397.00	7940.00
13.48	Supply of SWR pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
13.48.1	75mm	20.00	Metre	120.00	2400.00
13.48.2	90mm	21.00	Metre	165.00	3465.00
13.48.3	110mm	22.00	Metre	213.00	4686.00
13.49	Supply of SWR pipes fittings conforming to IS : 13592 Type A,				
13.49.1	Supply of Couplers				
13.49.1.1	75mm	20.00	each	53.00	1060.00
13.49.1.2	90mm	21.00	each	65.00	1365.00
13.49.1.3	110mm	22.00	each	93.00	2046.00
13.49.2	Single tee without door				
13.49.2.1	75mm x 75mm x 75mm	20.00	each	88.00	1760.00
13.49.2.2	90mm x 90mm x 90mm	21.00	each	139.00	2919.00
13.49.2.3	110mm x 110mm x 110mm	22.00	each	181.00	3982.00
13.49.3	Plain bend				
13.49.3.1	87.5 degree	20.00	each	63.00	1260.00
13.49.3.2	90 degree	20.00	each	84.00	1680.00
13.49.3.3	110 degree	20.00	each	128.00	2560.00

13.49.4	Supply of Shoe bend				
13.49.4.1	75 degree	20.00	each	59.00	1180.00
13.49.4.2	90 degree	20.00	each	74.00	1480.00
13.49.4.3	110 degree	20.00	each	105.00	2100.00
13.49.5	Supply of pipe clips				
13.49.5.1	75mm	20.00	each	13.00	260.00
13.49.5.2	90mm	20.00	each	16.00	320.00
13.49.5.3	110mm	20.00	each	19.00	380.00
13.49.6	Supply of Reducing TEE				
13.49.6.1	110 mm X 75 mm	20.00	each	164.00	3280.00
13.49.6.2	160mm x 75mm	20.00	each	385.00	7700.00
13.49.6.3	160mm x 110mm	20.00	each	408.00	8160.00
13.49.7	Supply of P trap with shoe bend				
13.49.7.1	110 mm X 110 mm	20.00	each	239.00	4780.00
13.49.7.2	125mm x 110mm	20.00	each	261.00	5220.00
13.49.8	Supply of End plug				
13.49.8.1	75mm	20.00	each	24.00	480.00
13.49.8.2	110mm	20.00	each	43.00	860.00
13.50	Supply of Forged brass ball valve (PN-25) liver operated control valve of SANT/LEADER/ZOLOTO 1008B ISI Mark or equivalent models of other make as per direction of Engineer In-charge.				
13.50.1	15 mm nominal bore	10.00	Each	447.00	4470.00
13.50.2	20 mm nominal bore	10.00	Each	618.00	6180.00
13.50.3	25 mm nominal bore	10.00	Each	978.00	9780.00
13.50.4	32 mm nominal bore	10.00	Each	1635.00	16350.00
13.50.5	40 mm nominal bore	10.00	Each	2380.00	23800.00

13.50.6	50 mm nominal bore	10.00	Each	2490.00	24900.00
13.51	Supply of Bronze gate valve Class-1 of SANT/LEADER/ZOLOTO 1035 ISI Mark or equivalent models of other make as per direction of Engineer In-charge.				
13.51.1	20 mm nominal bore	10.00	Each	1551.00	15510.00
13.51.2	25 mm nominal bore	10.00	Each	2415.00	24150.00
13.51.3	32 mm nominal bore	10.00	Each	3382.00	33820.00
13.51.4	40 mm nominal bore	10.00	Each	4570.00	45700.00
13.52	Supply of Brass float valve/ball cock with plastic floating ball for water tank of approved make ISI Mark as per direction of Engineer In-charge.				
13.52.1	25 mm nominal bore	30.00	Each	1069.00	32070.00
13.52.2	40 mm nominal bore	30.00	Each	1268.00	38040.00
13.53	Supply of Butterfly valve (Wafer Type) PN-16 with S.G Iron Disc, Body S.G Iron of SANT/LEADER/ZOLOTO 1078,1078A ISI Mark of the following sizes complete with bolts ,nuts, washers and neoprene gasket complete in all respect.				
13.53.1	250mm dia	7.00	Nos	23995.00	167965.00
13.53.2	160mm dia	7.00	Nos	6210.00	43470.00
13.53.3	125mm dia	7.00	Nos	4699.00	32893.00
13.53.4	110mm dia	7.00	Nos	3952.00	27664.00
13.53.5	80mm dia	7.00	Nos	3043.00	21301.00
13.54	Supply of M-Seal (90gm / piece) as per direction of Engineer In-charge.	950.00	Each	35.00	33250.00
13.55	Supply of hydrochloric acid at required location as per direction of Engineer In-	400.00	kg	55.00	22000.00

	charge.				
13.56	Supply of PVC Service saddle One/Two way as Per IS Code with minimum pressure ratings ranging from PN 4 to PN 16 kg/cm ² of approved make as per direction of Engineer Incharge				
13.56.1	Saddle 160x40mm,160x32mm,160x25 mm	6.00	Nos	732.00	4392.00
13.56.2	Saddle 125x40mm,125x32mm,125x25 mm	6.00	Nos	674.00	4044.00
13.56.3	Saddle 90x40mm,90x32mm,90x25 mm	6.00	Nos	569.00	3414.00
13.57	Supply of Cloth hanger with 6/8 knobs of required colour and shade as per direction of Engineer In-charge.	60.00	Each	445.00	26700.00
13.58	Supply of tower bolts:				
13.58.1	Supply of Stainless steel tower bolt size 150 x 10 mm of Kich TBF36S / Dorset TS-610 or equivalent models of other make as per direction of Engineer In-charge.	30.00	Each	232.00	6960.00
13.58.2	Supply of Stainless steel tower bolt size 250 x 10 mm of Kich TBF310S / Dorset TS-1010 or equivalent models of other make as per direction of Engineer In-charge.	30.00	Each	349.00	10470.00
13.59	Supply of S.S. 304 grade of combined (stain & glossy) finish sliding door bolt 300 x 16mm of kich make (Model no. PRAD12612C) or equivalent models of other make as per direction of Engineer In-charge.	50.00	Each	817.00	40850.00
13.60	Supply of S.S. 304 grade of combined (stain & glossy) finish Door latch size 250 x 12mm of kich make (Model no.	150.00	Each	420.00	63000.00

	PRT1210C) or equivalent models of other make as per direction of Engineer In-charge.				
13.61	Supply of S.S. 304 grade "D" type pull handles with plate of Kich (model no.- PRCHR105SPL2S), plate size 176x25x2mm, handle size 10x128mm or equivalent models of other make as per direction of Engineer In-charge.	80.00	Each	338.00	27040.00
13.62	Supply of Pair of satin finished stainless steel lever handles of 22mm dia of Kich make model no:PRRC3SLH223S with rectangular cap or equivalent models of other make as per direction of Engineer In-charge.	30.00	Each	1279.00	38370.00
13.63	Supply of Pair of satin finished stainless steel 304 PR Door Handle of Kich make model no:PRDH2524S of dia 25mm and length 600mm or equivalent models of other make as per direction of Engineer In-charge.	15.00	Each	2015.00	30225.00
13.64	Supply of Stainless steel (fixed on wall) square magnetic door stopper 75 mm length of Kich PRDST75S or equivalent models of other make as per direction of Engineer In-charge.	15.00	Each	292.00	4380.00
13.65	Supply of Satin finished stainless steel of grade 304 door stopper in half moon shape with rubber cushion of kich make (model no: PRDSTHMS) or equivalent models of other make as per direction of Engineer In-charge.	15.00	Each	230.00	3450.00
13.66	Supply of Satin finished stainless steel of grade 304 door stopper/DOOR BUFFER of kich make (model no:PRDB32DS) or equivalent models of	150.00	Each	234.00	35100.00

	other make as per direction of Engineer In-charge.				
13.67	Supply of Mortise Door Lock and a pair of lever handles of DORSET MAKE model no.HLZOVASC or equivalent for aluminium doorS as per direction of Engineer In-charge.	30.00	Each	1713.00	51390.00
13.68	Supply ofMortice narrow lock body of size 25x85mm of Kich make model no: MLBN1S for aluminium door or equivalent models of other make as per direction of Engineer In-charge.	50.00	Each	685.00	34250.00
13.69	Supply of Mortice pin cylinder(key & knob) 80mm of Kich make model no: PRPCKNS80 or equivalent models of other make as per direction of Engineer In-charge.	50.00	Each	863.00	43150.00
13.70	Supply of Door knob of Kich make model no: DN83S or equivalent models of other make as per direction of Engineer In-charge.	10.00	Each	1518.00	15180.00
13.71	Supply of Thumb turn of Kich make model no: TT525RS or equivalent models of other make as per direction of Engineer In-charge.	10.00	Each	678.00	6780.00
13.72	Supply of Hydraulic door closer tubular type Aluminium section body dorset / KICH DC510S / or godrej hercules 5959 or dorset make or equivalent models of other make as per direction of Engineer In-charge.	50.00	Each	1341.00	67050.00
13.73	Supply of brush strip seal for all types of door with scews etc. complete of approved make as per direction of Engineer-in-charge.	200.00	Metre	143.00	28600.00

13.74	Supply of Stainless steel SS grade 304, brackets and support for curtain rod of 25 mm dia 1.20mm thick make as per direction of Engineer incharge.	130.00	Set	103.00	13390.00
13.75	Supply of Stainless steel SS grade 304, curtain rod 25 mm dia 1.20 mm thick	95.00	Metre	133.00	12635.00
13.76	Supply of Stainless steel soft closing heavy type telescopic drawer channels of DORSET OR KICH MAKE PRDS6120S/PRDS6112S/PRDS6116S/ PRDS6118S 300/450/500 mm long with screws etc. complete or equivalent models of other make as per direction of Engineer In-charge.	30.00	Pair	376.00	11280.00
13.77	Supply of Furniture lock pedestral ebco make model no. MPL2-22 or KICH MAKE DL411 multipurpose lock of equivalent models of other make as per direction of Engineer In-charge.	30.00	Each	266.00	7980.00
13.78	Supply of Stainless steel soft closing Auto hinges 0,8,15 degree (hydraulic type) of approved make (Dorset/kich/dorma/godrej/kaff)brand to cupboard shutters with full threaded steel screws.	120.00	Pair	258.00	30960.00
13.79	Supply of 9mm thick both side balancing lamination factory pressed BWP grade marine ply as per IS 710 for boxes,shelves,racks,almirah,cupboard and drawer etc.(Make: Duro,Greenply, century) complete as per direction of Engineer-in-charge.	40.00	sqm	833.00	33320.00

13.80	Supply of 19mm thick both side balancing lamination factory pressed BWP grade marine ply as per IS 710 for boxes,shelves,racks,almirah,cupboard and drawer etc.(Make: Duro,Greenply, century) complete as per direction of Engineer-in-charge.	100.00	sqm	1489.00	148900.00
13.81	Supply of 1.0 mm thickness decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer complete as per direction of Engineer-in-charge.	120.00	sqm	291.00	34920.00
13.82	Supply of uPVC Casement window/aluminum window /sliding door/aluminum door handles of Pego make (model no: HD 37/HD33/HD06)or equivalent models of other make as per direction of Engineer In-charge.	180.00	Each	294.00	52920.00
13.83	Supply of White Sand stone door frame of single paitam (rebated) of size 100x60 mm all complete as directed by Engineer-in-charge. Note: All exposed surfaces will be machine cut or fine dressed and dash fastner to be paid separtly	150.00	Metre	382.00	57300.00
13.84	Supply of double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 80 to 125 kg, for doors, and over plates with brass pivot and single piece M.S. sheet				

	outer box with slide plate etc. complete as per the direction of Engineer-in-charge.				
13.84.1	With stainless steel cover plate minimum 1.25 mm thickness	45.00	Each	2186.00	98370.00
13.85	Supply of welding rods(90 rods in 1 box)	50.00	Box	3020.00	151000.00
13.86	Supply of welding holder	10.00	each	151.00	1510.00
13.87	Supply of water storage Tank cover/Lid (Plastic) - Capacity 500 to 2000 litre of PLASTO and Supreme Make or as per direction of engineer In-charge.	50.00	each	251.00	12550.00
13.88	Supply of Ceramic floor tiles of size 300x300 mm in all shade and design (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make somany- EC FS Brown or equivalent as per direction of Engineer incharge.	60.00	sqm	430.00	25800.00
13.89	Supply of Ceramic wall tiles of size 300x450 mm in all shade and design (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make somany- Milanowhite,stonex beige or equivalent as per direction of Engineer incharge.	100.00	sqm	488.00	48800.00
13.90	Supply of vitrified floor tiles of size 600x600 mm in all shade and design (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved	100.00	sqm	891.00	89100.00

	make somany- Ranger Beige,Croma bianco,Techstone Crema or equivalent as per direction of Engineer incharge.				
13.91	Supply of Ductile Iron Pipes joints 250 mm dia as per IS code	40.00	Set	2028.00	81120.00
13.92	Supply of MS Clips 250mmx150/200mm	400.00	Kg	123.00	49200.00
13.93	Supply of Nut Bolts 100/125/150/200/250 mm long and MS Flanges upto 250mm dia	100.00	Kg	103.00	10300.00
13.94	Supply of HDPE Reducer (PE100,PN10) (Make: Reliance, Jain, Oriplast) as per direction of Engineer In-charge.				
13.94.1	250mmx160mm	5.00	Each	815.00	4075.00
13.94.2	160mm x 125 mm	5.00	Each	158.00	790.00
13.94.3	160mm x 90 mm	5.00	Each	158.00	790.00
13.94.4	160mm x 63 mm	5.00	Each	158.00	790.00
13.94.5	125mm x 110 mm	5.00	Each	244.00	1220.00
13.94.6	125mm x 90 mm	5.00	Each	206.00	1030.00
13.94.7	110mm x 90 mm	5.00	Each	153.00	765.00
13.95	Supply of HDPE End cap (PE100,PN10) (Make: Reliance, Jain, Oriplast) as per direction of Engineer In-charge. 90 mm				
13.95.1	90mm	5.00	Each	217.00	1085.00
13.95.2	110mm	5.00	Each	223.00	1115.00
13.95.3	125mm	5.00	Each	179.00	895.00
13.95.4	160mm	5.00	Each	293.00	1465.00
13.95.5	250 mm	2.00	Each	1070.00	2140.00
13.96	Supply of HDPE TEE (PE100,PN10) (Make: Reliance, Jain, Oriplast) as per				

	direction of Engineer In-charge.				
13.96.1	90mm	5.00	Each	408.00	2040.00
13.96.2	110mm	5.00	Each	699.00	3495.00
13.96.3	125mm	5.00	Each	1031.00	5155.00
13.96.4	160mm	5.00	Each	2117.00	10585.00
13.96.5	250 mm	2.00	Each	8298.00	16596.00
13.97	Supply of HDPE Flange (PE100,PN10) (Make: Reliance, Jain, Oriplast) as per direction of Engineer In-charge.				
13.97.1	90mm	2.00	Each	246.00	492.00
13.97.2	110mm	2.00	Each	332.00	664.00
13.97.3	125mm	2.00	Each	597.00	1194.00
13.97.4	160mm	2.00	Each	630.00	1260.00
13.97.5	250 mm	2.00	Each	1246.00	2492.00
13.98	Supply of HDPE Elbow (PE100,PN10) (Make: Reliance, Jain, Oriplast) as per direction of Engineer In-charge.				
13.98.1	90mm	10.00	Each	301.00	3010.00
13.98.2	110 mm	5.00	Each	527.00	2635.00
13.98.3	125 mm	5.00	Each	791.00	3955.00
13.98.4	160mm	5.00	Each	1627.00	8135.00
13.98.5	250mm	5.00	Each	5972.00	29860.00
13.99	Supply of HDPE Stub Bend (PE100,PN10) (Make: Reliance, Jain, Oriplast) as per direction of Engineer In-charge. 90mm				
13.99.1	90mm	15.00	Each	243.00	3645.00
13.99.2	110 mm	10.00	Each	281.00	2810.00
13.99.3	125 mm	15.00	Each	405.00	6075.00
13.99.4	160mm	10.00	Each	609.00	6090.00

13.99.5	250mm	5.00	Each	1614.00	8070.00
13.100	Supply of HDPE pipe (PE100,PN10) (Make: Reliance, Jain, Oriplast) or equivalent as per direction of Engineer In-charge.				
13.100.1	90 mm	10.00	Meter	440.00	4400.00
13.100.2	110mm	10.00	Meter	649.00	6490.00
13.100.3	125 mm	10.00	Meter	837.00	8370.00
13.100.4	160mm	10.00	Meter	1375.00	13750.00
13.100.5	250mm	10.00	Meter	2720.00	27200.00
13.101	Supply of gasket	300.00	Kg	117.00	35100.00
13.102	Supply of HDPE pipe jointing machine manual 63 to 250mm dia model number SMA-250-4C of solwet make (with digital heating plate of 250 mm dia , trimmer tool/ facer ,stand and the main body shall be pressure dye cast four clamps or equivalent model as per direction of Engineer in charge.	1	each	67367.00	67367.00
13.103	Supply of hydraulic heating plate of 160 mm dia of SOLWET MAKE for hdpe pipe or equivalent as per direction of Engineer incharge	1	each	8223.00	8223.00
13.104	Supply of sewage dewatering pump of 2hp single phase, model ETERNA 1500CW+ of size 50mm of Kiloskar brother ltd make or as per direction of Engineer incharge	2	each	25231.00	50462.00
13.105	Supply of PRO GSB 600-Bosch make electric Impact Drill in carrying case with necessary accessories or as per direction of Engineer incharge	6	each	5955.00	35730.00

13.106	Supply of PRO GWS 800-Bosch make angle grinder with auxiliary handle with necessary accessories or as per direction of Engineer incharge	6	each	3483.00	20898.00
13.107	Supply of PRO GBH 2-26 RE -Bosch make rotary hammer with SDS plus with necessary accessories or as per direction of Engineer incharge	6	each	16946.00	101676.00
13.108	Supply of PRO GDC 141 Bosch make Diamond Tile Cutter in cardboard box with Hex Key (1400 watt power) or as per direction of Engineer incharge	6	each	5563.00	33378.00
13.109	Supply of PRO GCO 220 Bosch make Metal Cut-off Saw or as per direction of Engineer incharge	2	each	14338.00	28676.00
13.110	Supply of PRO GLM 400 Bosch make Laser Measure with manufacturer's certificate or as per direction of Engineer incharge	4	each	5627.00	22508.00
13.111	Supply of Gb Kore Arc 300 A Single Phase Arc Welding Machine ARC 300 S as per direction of Engineer incharge	2	each	17421.00	34842.00
13.112	Supply of BOSCH make All in one hand tool kit of 108 pieces	4	each	3374.00	13496.00
13.113	Supply of KARAM PN501 Safety Helmet for industrial construction use, manual adjustment type with chin strap ,IS Certified Helmet	20	each	266.00	5320.00
13.114	Supply of Aluminium Double side self supporting A type Ladder 3.28 metre (10 step) of Youngman make or as per direction of engineer in-charge	4	each	23711.00	94844.00
13.115	Supply of Light weight heavy duty aluminium access scaffold tower - XO of size 10.2 meter of youngman make	2	each	404503.00	809006.00

	or as per direction of engineer in-charge.				
13.116	Supply of M Seal Teflon tape 12mm*12 metre as per direction of Engineer In-charge.	850	Each	21.00	17850.00
13.117	Supply of fly proof PVC mosquito net of Netlon in windows (inside) with sticky velcro tape of 25mm with necessary screws etc. complete. as per direction of Engineer- in charge. A) With wood beading 25X20 mm	500.00	sqm	399.00	1,99,500.00
13.118	Supply of white vitreous china counter top basin Size: 570X415X200 mm of Jaquar FLS-WHT-5601 or equivalent models of other make as per direction of Engineer In-charge.	10.00	Each	7,898.00	78,980.00
	Total DSR Item Rs.(A)				30475306.15
	Total NDSR Item Rs.(B)				11611026.25
Modified DSR 2023 on account of GST @ 0.973 on A' Rs. (C')					29652472.88
Total (D=B+C) Rs.					41263499.13
Grand Total Say Rs.					41263499.00

Percentage BoQ

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Tender Inviting Authority: Superintending Engineer,OIE IIT Jodhpur						
Name of Work: Annual Repair and Maintenance Operation (ARMO) -Civil Works at Indian Institute of Technology Jodhpur (IITJ) Karwar - 342030 for one year						
Contract No: IITJ/OIE/2026-27/17						
Name of the Bidder/ Bidding Firm / Company :						
PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	Total Amount With Taxes in Rs. P	TOTAL AMOUNT In Words
1	Maintenance work (Civil)					
1.01	Annual Repair and Maintenance Operation (ARMO) -Civil Works at Indian Institute of Technology Jodhpur (IITJ) Karwar - 342030 for one year	1.00	Nos	41263499.00	41263499.00	INR Four Crore Twelve Lakh Sixty Three Thousand Four Hundred Ninety Nine & Paise Zero Only
Total in Figures					41263499.00	INR Four Crore Twelve Lakh Sixty Three Thousand Four Hundred Ninety Nine & Paise Zero Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				