



NATIONAL INSTITUTE OF AYURVEDA

Deemed To be University (De Novo), Ministry of AYUSH, Govt. of India

TENDER FOR

Construction of Foundation work, Providing and fixing of Fibreglass Reinforced Plastic (F.R.P.) Sheet work, Sanitary and Electrical fittings for installation of Ribbon Blender Machine near Pharmacy Building at National Institute of Ayurveda, Jaipur.

NIT ISSUE DATE	:	17-01-2024
NIT NO.	:	Estate/F.7(1)/2024
PRE-BID MEETING	:	24.01.2024 (3:00 PM)
LAST DATE OF BID SUBMISSION	:	07-02-2024 (3:00 PM)
BID OPENING DATE	:	08-02-2024 (3:00 PM)

NATIONAL INSTITUTE OF AYURVEDA, JAIPUR

Deemed University

MINISTRY OF AYUSH, GOVT. OF INDIA

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I N D E X

Name of Work : Construction of Foundation work, Providing and fixing of Fibreglass Reinforced Plastic (F.R.P.) Sheet work, Sanitary and Electrical fittings for installation of Ribbon Blender Machine near Pharmacy Building at National Institute of Ayurveda, Jaipur.

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NIT approved for Rs. 3,86,188/- (Rupees Three Lakh Eighty Six Thousand One Hundred Eighty Eight only) and containing page **1 to 47 only**.

Joint Director

TENDER NOTICE

NATIONAL INSTITUTE OF AYURVEDA

NOTICE INVITING E-TENDER

The **Joint Director** on behalf of the Vice Chancellor invites online percentage rate bids from approved and eligible **Buildings & Roads category** contractors of CPWD/MES/RAJASTHAN STATE PWD/PSU from Central Govt. / State Govt. for the following work:

N.I.T. No. ***Estate/F.7(1)/2024***

Name of Work : Construction of Foundation work, Providing and fixing of Fibreglass Reinforced Plastic (F.R.P.) Sheet work, Sanitary and Electrical fittings for installation of Ribbon Blender Machine near Pharmacy Building at National Institute of Ayurveda, Jaipur.

Estimated Cost : **Rs. 3,86,188/-**

Earnest Money : **Rs. 7,724/-**

Construction Time Allowed : **30 Days**

Last date & time of submission of tender : **7-02-2024 (3:00 PM)**

The tender forms and other details can be obtained from the website Central Public Procurement Portal (CPP Portal) (URL : <https://eprocure.gov.in/eprocure/app>) or www.nia.nic.in

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

The Joint Director, N.I.A. Jaipur on behalf of the Vice Chancellor invites **online percentage rate** tenders from approved and eligible **Buildings & Roads category** contractors of CPWD/MES/ RAJASTHAN STATE PWD/PSU from Central Govt. /State Govt. for the following work:

S. No.	NIT No	Name of work & Location	Estimated cost put to tender (Rs)	Earnest Money (Rs)	Stipulated Period of Completion of work	Last date & time of submission of bid, copy of receipt of deposition of original EMD and other documents as specified in the bid document.	Time & date of opening of tender
1	2	3	4	5	6	7	8
1	Estate/F.7(1)/2024	Construction of Foundation work, Providing and fixing of Fibreglass Reinforced Plastic (F.R.P.) Sheet work, Sanitary and Electrical fittings for installation of Ribbon Blender Machine near Pharmacy Building at National Institute of Ayurveda, Jaipur.	3,86,188/-	7,724/-	30 Days	7-02-2024 (3:00 PM)	8-02-2024 (3:00 PM)

GUIDELINES FOR E-TENDERING:-Instructions for Online Bid Submission

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

1. REGISTRATION

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL:<https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrollment” on the CPP Portal which 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 III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / n Code / e Mudra 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 DSC's to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC /e-Token.

2. 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 tender scan 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.

3. 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/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 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. Bidder can use "My Space" or "Other Important Documents" 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.

Note: My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

4. SUBMISSION OF BIDS

- 1) Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>
- 2) Bidder should log into the site well in advance for bid submission so that they can 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.
- 3) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 4) Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 5) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 6) The agency shall download the pre bid clarification if any for the work and upload the same (scanned copy) duly signed and sealed. The revised documents (if any) shall be uploaded in e tender portal.
- 7) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a

standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the SKY BLUE colored (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.

- 8) Tenders are advised to upload their documents well in advance, to avoid last minutes rush on the server or complications in uploading. DCSEM, in any case, shall not be held responsible for any type of difficulties during uploading the documents including server and technical problems whatsoever.
- 9) Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 10) The server time (which is displayed on the bidders' dash board) 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.
- 11) Submission of the tender documents after the due date and time (including extended Period) shall not be permitted.
- 12) 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. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 13) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 14) Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), 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.
- 15) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.
- 16) Intending Bidders are advised to visit this website regularly till closing date of submission to keep themselves updated as any change/ modification in the tender will be intimated through this website only by corrigendum / addendum/ amendment.

5. 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 Help desk.

The enlistment of the contractors should be valid on the last date of submission of tenders.

In case the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tenders.

1. The intending bidder must read the terms and conditions of NIT carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and instructions for bidders posted on website/CPP Portal shall form part of bid document.
3. 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/CPP Portal/www.nia.nic.in free of cost.
4. The bid can only be submitted after deposition of original EMD either in the office of Joint Director inviting bids within the period of bid submission. and uploading the mandatory scanned documents such as Banker's Cheque of a Commercial Bank/ Account Payee Demand Draft of a Commercial Bank/ Fixed Deposit Receipt (FDR) of a Commercial Bank/ Insurance Surety Bonds/ Bank Guarantee (for balance amount as prescribed) from a Commercial Bank towards EMD in favour of Vice Chancellor, National Institute of Ayurveda, Jaipur receipt of deposition of original EMD and other documents as specified.

While submitting the EMD the bidders should ensure that any insertion/addition/deletion in the FDR/TDR issued by the bank should be properly authenticated/ stamped by the issuing bank. In the absence of which the EMD shall not be considered in proper form and bid of the bidder shall be rejected by the Joint Director.

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

- I. Banker's Cheque of a Commercial Bank/ Account Payee Demand Draft of a Commercial Bank/ Fixed Deposit Receipt (FDR) of a Commercial Bank/ Insurance Surety Bonds/ Bank Guarantee (for balance amount as prescribed) from a Commercial Bank towards EMD.
- II. Valid Enlistment Order of the Contractor.
- III. **Valid GST Registration Certificate.**

- IV. **Copy of Receipt for deposition of original EMD** issued from office of Joint Director NIA where bidder deposited EMD.(Format of deposition receipt should be as per **Annexure-I** of this section)
- V. The Agency interested in bidding should have completed the work of similar nature work during last 03 years ending last day of the month previous to the one in which tenders are invited.
- a. Three similar works completed each of value 40% of the estimated cost.
- or**
- b. Two similar works completed each of value 60% of the estimated cost.
- or**
- c. One similar works completed of 80% of value of the estimated cost.

Similar works means Construction work of Civil, construction work in Institutional/ Commercial/ Hospital Building/ Industries etc. "for any central/State Govt. department/ PSUs/Autonomous Bodies. Completion certificate needs to be enclosed.

5. The intending bidder must have valid class-III digital signature to submit the bid.
6. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
7. The contractor can upload documents in the form of JPG format and PDF format.
8. Contractors must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO). However, if a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub-head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
9. **Contractor must ensure to quote his percentage rate (above/below) in the BOQ /schedule.**
10. The contractor shall get receipt of deposition of original EMD in the office of Joint Director inviting bids in the prescribed format annexed as **Annexure-I** and also upload it alongwith the bid document.
11. The tenderer should also read the General Conditions of Contract for CPWD Works 2020 amended upto Last Date of Submission of BID (**available on CPP Portal & above websites**), which is available as Govt. of India Publications.
12. Tenders with any condition including that of conditional rebates in the tender document shall be rejected forthwith.

13. The contractor shall have to execute guarantee bonds in respect of water supply and sanitary installation works and water proofing works as per Performa at Annexure-VI & VII, If applicable.
14. GST, purchase tax, turn over tax, Excise duty, work contract tax or any other tax as applicable shall be paid by the contractor himself. The contractor shall quote his rates considering all such taxes. The TDS (tax deduction at source) shall be done from bill payments to the contractor as per Government law and rules.
15. GST, Building and other Construction Workers Welfare Cess or any other tax or Cess in respect of this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect.
16. If any information furnished by the applicant is found incorrect at a later stage, he shall be liable to be debarred from tendering/ taking up of works in NIA. The Department reserves the right to verify the particulars furnished by the applicant independently.
17. 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.
18. The tenderer should not have been blacklisted or penalized by any Central Government/State Government Offices/PSUs. A self certificate / declaration in this effect is required to be scanned and uploaded while participation in tendering process.
19. As per rule number 170 of GFR 2017, Micro and small Enterprises, if registered with any government bodies specified by Ministry of Micro, Small & Medium Enterprises (M/o MSME) with valid certificate duly issued by GOI are exempted for submitting the earnest money deposit (EMD). **It will be applicable for those bidders who shall produce their own goods or provide their own services, and not applicable for trading purposes.**
20. The contractor has to follow "Standard Operating Procedures (SOPs) and Guidelines for Construction Site for COVID-19 Outbreak" issued vide DG, CPWD, New Delhi O.M. No. 2/9/2020-WII/DG/169 dated 05.05.2019 and any other Govt. directions in this regard from time to time until the effect of COVID-19. Therefore, it is suggested to go through the above said guidelines before submitting the tender.
21. The successful bidder shall be required to execute the Contract Agreement accepting all terms and conditions stipulated herein on a non-judicial stamp paper of Rs. 500/- (Rs. Five Hundred only) along with performance security within fifteen days of the issue of the Letter of notification of a ward. In the event of failure on the part of the successful bidder to sign the Contract within the period stipulated above, the EMD shall be forfeited and the acceptance of BID shall be considered as cancelled.
22. **For goods supplied from India.**
 - a) All the goods ordered shall be delivered and Installed at National Institute of Ayurveda, Jaipur within 30 days from the date of issue of Work order. All the aspects of safe delivery,

installation and commissioning shall be the exclusive responsibility of the supplier/contractor. If the supplier/contractor fails to deliver, install and commission the goods on or before the stipulated date, then a penalty at the rate of 0.5% per week or a part thereof of the total order value shall be levied subject to maximum of 10% of the total order value. The successful tenderer will also provide required training for supplied items at NIA, JAIPUR. The goods should be manufactured after adoption of latest technology. If at any time during the currency of the contract, the supplier encounters conditions hindering timely supply of the goods and performance of services, the supplier shall promptly inform the NIA, JAIPUR for extension of the delivery schedule accordingly.

- b) On receiving the supplier/contractor communication, NIA, JAIPUR shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.
23. As a guarantee towards due performance and compliance of the contract work, the successful bidder (contractor) will deposit an amount equal to 5% of order value and should be kept valid for a period of 60 days beyond completion of all the contractual obligation, including CMC period towards security deposit by way of demand draft in favor of **"VICE CHANCELLOR, NATIONAL INSTITUTE OF AYURVEDA"** payable at **JAIPUR** drawn on any Nationalized Bank/Scheduled Bank and payable at JAIPUR within fifteen days of the issue of the Letter of notification of award along with non-judicial stamp paper of Rs. 500/- (Contract agreement).
24. Bidder shall submit a copy of the tender document and addenda thereto, if any, with each page of this document should be signed and stamped to confirm the acceptance of the entire terms & conditions as mentioned in the tender enquiry document.
25. **Breach of Terms and Conditions:** In case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to cancel the work order/job without assigning any reason thereof and nothing will be payable by NIA, Jaipur in that event the security deposit shall also stands forfeited.

Receipt of Deposition of Original EMD

Receipt No.:

Date :

- | | |
|------------------------------------|--|
| 1. Name of Work | :- Construction of Foundation work, Providing and fixing of Fibreglass Reinforced Plastic (F.R.P.) Sheet work, Sanitary and Electrical fittings for installation of Ribbon Blender Machine near Pharmacy Building at National Institute of Ayurveda, Jaipur. |
| 2. NIT No. | :- <i>Estate/F.7(1)/2024</i> |
| 3. Estimated Cost | :- Rs. 3,86,188./- |
| 4. Amount of Earnest Money Deposit | :- Rs. 7,724/- |
| 5. Last date of submission of bid | :- 7-2-2024 |
-

- | | | | |
|----|---------------------------------|----|-------|
| 1. | Name of Contractor | :- | |
| 2. | Form of EMD | :- | |
| 3. | Amount of Earnest Money Deposit | :- | |
| 4. | Date of submission of EMD | :- | |

Signature, Name and Designation
of EMD receiving officer

Office stamp

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 office of Joint Director) (here in after called "the Estate-in-charge") in the sum of Rs. (Rs. in words) for which payment well and truly to be made to the said Estate-in-charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this day 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 Estate-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,

We undertake to pay to the Estate-in-charge up either to the above amount or part thereof upon receipt of his first written demand, without the Estate-in-charge having to substantiates his demand, provided that in his demand the Engineering-Charge will note that the amount claimed by his 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 Estate-in-charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE

SIGNATURE OF THE BANK SEAL

WITNESS

(SIGNATURE, NAME AND ADDRESS)

On non-judicial stamp paper of minimum Rs. 100/-

(Guarantee offered by Bank to NIA Jaipur in connection with the execution of contracts)

Form of Bank Guarantee for Performance Guarantee

/ Security Deposit/Mobilization Advance

1. Whereas the Joint Director (name of division), NIA on behalf of the President of India (hereinafter called "The Government") has invited bids under (NIT number) dated for (name of work) The Government has further agreed to accept irrevocable Bank Guarantee for Rs. (Rupees only) valid upto (date)*..... as **Earnest Money Deposit** from (name and address of contractor) (hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

Whereas the Joint Director (name of division), NIA on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number with (name and address of the contractor) (hereinafter called "the Contractor") for execution of work..... (name of work) The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. (Rupees only) valid upto..... (date)..... as **Performance Guarantee / Security Deposit / Mobilization Advance** from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

2. We, (indicate the name of the bank)..... (herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs. (Rupees..... only) on demand by the Government within 10 days of the demand.
3. We, (indicate the name of the Bank), do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. /-(Rupees..... only).

4. We, (indicate the name of the Bank), further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.
5. We, (indicate the name of the Bank), further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. We, (indicate the name of the Bank), further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
8. We, (indicate the name of the Bank), undertake not to revoke this guarantee except with the consent of the Government in writing.
9. This Bank Guarantee shall be valid up to unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date

Witnesses :

1. Signature

Name and address

Authorized signatory

Name

Designation

Staff code no.

Bank seal

2. Signature

Name and address

*Date to be worked out on the basis of validity period of 90 days where only financial bids are invited and 180 days for two/'three bid system from the date of submission of tender.

**In paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for performance guarantee/security deposit/mobilization advance, as the case may be case may be.

NIT FOR e-TENDERING

NATIONAL INSTITUTE OF AYURVEDA

DEEMED TO BE UNIVERSITY (DE-NOVO)

(Ministry of AYUSH, Govt. of India)

Percentage rate tenders are invited on behalf of President of India from approved and eligible **Buildings & Roads category** contractors of CPWD/MES/RAJASTHAN STATE PWD/PSU From Central Govt./State Govt. for the work of **“Construction of Foundation work, Providing and fixing of Fibreglass Reinforced Plastic (F.R.P.) Sheet work, Sanitary and Electrical fittings for installation of Ribbon Blender Machine near Pharmacy Building at National Institute of Ayurveda, Jaipur.”**

1. The enlistment of the contractors should be valid on the last date of submission of tenders.

In case only the last date of submission of tender is extended, the enlistment of contractor should be valid till the original date of submission of tenders.
- 1.1 The work is estimated to cost **Rs. 3,86,188/-** This estimate, however, is given merely as a rough guide.
2. Agreement shall be drawn with the successful tenderer on prescribed Form No. CPWD 7 which is available as a Govt. of India Publication and also available on website **CPP PORTAL**. Tenderers 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 **30 Days** 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. (i) The site for the work is available.

(ii) The Working architectural and structural drawing shall be submitted by the contractor to the Engineer In-charge. The prior approval of the same shall be made before any execution of work, as per requirement of the same as per approved programme of completion submitted by the contractor after award of the work.
5. Tender document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms & conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary documents except Standard General Conditions of Contract Form can be seen from website **CPP Portal** or **www.nia.nic.in** 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. **Earnest Money** in the form of Banker's Cheque of a Commercial Bank/ Account Payee Demand Draft of a Commercial Bank/ Fixed Deposit Receipt (FDR) of a Commercial Bank/ Insurance Surety Bonds/ Bank Guarantee (for balance amount as prescribed) from a Commercial Bank (drawn in favor of '**Vice Chancellor, NIA**', payable at Jaipur shall be scanned and uploaded to the e-Tendering website within the period of bid submission. The original EMD should be deposited in the office of Joint Director inviting bids within the period of bid submission. **The EMD receiving officer** (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting **authority in the NIT**.

The receipt shall also be uploaded to the e-tendering website by the intending bidder up to the specified bid submission date and time.

Copy of Enlistment Order and other documents as specified in the press notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority.

Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with NIA and other documents scanned and uploaded are found in order.

9. Pre Bid meeting with the intending bidders shall be held on date 24-01-2024 at 3:00 pm onwards at NIA, Jaipur. All the prospective bidders are requested to send comments/ representations on or before pre-bid meeting. Intending bidder will be allowed to seek clarification of specifications, conditions of contract etc. in writing to NIA, Jaipur. (E-mail: niaestate01@gmail.com or nia-rj@nic.in) within 24 hours of the pre-bid meeting.
10. The bid submitted shall become invalid if:
 - (i) The bidder is found ineligible.
 - (ii) The bidder does not deposit original EMD with NIA, Jaipur
 - (iii) The bidder does not upload all the documents (including GST Registration) as stipulated in the bid document including the copy of receipt for deposition of original EMD.
 - (iv) 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.
 - (v) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above / below on the total amount of the tender or any section / sub head in

percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

11. The Contractor whose tender is accepted will be required to furnish performance guarantee of 5.0% (Five Percent) of the tendered amount within the period specified in Schedule "F". This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10,000/-) or Deposit at Call receipt of any commercial bank/Banker's cheque of any commercial bank/Account Payee Demand Draft of any commercial bank/ (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipt or Guarantee Bonds of any Commercial bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The Earnest Money deposited along with tender shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses / registrations or proof of applying for obtaining labor licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. if applicable and also ensure the compliance of aforesaid provisions by the sub contractors, if any engaged by the contractor for the said work and Programme Chart (Time and Progress) within the period specified in Schedule F.

The site pertaining to the works will be open for inspection by the tenderers at the office of above mentioned officer.

12. The description of the work is as follows:

Construction of Foundation work, Providing and fixing of Fibreglass Reinforced Plastic (F.R.P.) Sheet work, Sanitary and Electrical fittings for installation of Ribbon Blender Machine near Pharmacy Building at National Institute of Ayurveda, Jaipur.

Intending tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the work, 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, 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.

13. The Joint Director on behalf of the **V.C. NIA** 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.

14. 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.
15. The Joint Director on behalf of **V.C. NIA** 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.
16. The tender for the works shall remain open for acceptance for a period of 30 (thirty) days from the due date of its opening. Further.
 - (i) If any tenderer withdraws his tenders or makes any modifications 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 tenders or makes any modifications 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.
 - (iii) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.
17. 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 C.P.W.D. Form 7 (GCC for CPWD Works 2020 amendments upto Last Date of Submission of BID.

NATIONAL INSTITUTE OF AYURVEDA

DEEMED TO BE UNIVERSITY (DE-NOVO)

(Ministry of AYUSH, Govt. of India)

STATE : Rajasthan

DIVISION : NIA JAIPUR

Percentage Rate Tender & Contract for Works

Tender for the work of : - **Construction of Foundation work, Providing and fixing of Fibreglass Reinforced Plastic (F.R.P.) Sheet work, Sanitary and Electrical fittings for installation of Ribbon Blender Machine near Pharmacy Building at National Institute of Ayurveda, Jaipur.**

- (i) To be uploaded by the office of Joint Director, **NIA, Jaipur** / upload at **CPP Portal / www.nia.nic.in**
- (ii) To be opened in presence of tenderers who may be present at 3:00 PM hours on 08-02-2024 in the **NIA, Jaipur**

T E N D E R

I/We have read and examined the notice inviting tender, schedule, A,B,C,D, E & F. Specifications applicable, 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 President of India within the time specified in Schedule "F", viz., schedule of quantities and in accordance in all respects with the specifications 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 respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for 30 days from the due date of its opening.

A sum of **Rs.**/- is hereby forwarded in Banker's Cheque of a Commercial Bank/ Account Payee Demand Draft of a Commercial Bank/ Fixed Deposit Receipt (FDR) of a Commercial Bank/ Insurance Surety Bonds/ Bank Guarantee (for balance amount as prescribed) from a Commercial Bank as earnest money.

A copy of earnest money in receipt Banker's Cheque of a Commercial Bank/ Account Payee Demand Draft of a Commercial Bank/ Fixed Deposit Receipt (FDR) of a Commercial Bank/ Insurance Surety Bonds/ Bank

Guarantee (for balance amount as prescribed) from a Commercial Bank is scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said **VC NIA** 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 **VC NIA** or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

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

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in **NIA** in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Estate-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 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

Full Name of Contractor

Postal Address

Witness:

Address :

Occupation :

ACCEPTANCE

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

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

- a)
- b)
- c)

For & on behalf of the Vice Chancellor NIA Jaipur

Signature _____

Designation _____

Dated

PROFORMA OF SCHEDULES (FOR CIVIL COMPONENT)

SCHEDULE 'A'

Schedule of quantities

Schedule attached

SCHEDULE 'E' :

1. Reference to General Conditions of contract: **General Conditions of contract for Central PWD Works 2020 incorporating all amendments issued upto last Date of Submission of BID.**
2. Name of work : **Construction of Foundation work, Providing and fixing of Fibreglass Reinforced Plastic (F.R.P.) Sheet work, Sanitary and Electrical fittings for installation of Ribbon Blender Machine near Pharmacy Building at National Institute of Ayurveda, Jaipur.**
 - (i) The work is estimated to cost : **Rs. 3,86,188/-**
 - (ii) Earnest Money : **Rs. 7,724/-**
 - (iii) Performance Guarantee : **5.0% (Five percent)** of accepted tendered value which shall be deposited with Estate-in-charge NIA, Jaipur.
 - (iv) Security Deposit : **5.0% (Five percent)** of accepted tendered value

SCHEDULE 'F' (FOR CIVIL COMPONENT OF WORK)

General Rules & Directions

- (i) Officer inviting tender : **Joint Director, N.I.A. Jaipur**
- (ii) Maximum percentage for quantity of : **See below**
items of work to be executed beyond
which rates are to determined in
accordance with Clauses 12.2 & 12.3

Definitions :

2(v)	Estate-in-charge	:	Estate Incharge, NIA, Jaipur
2(viii)	Accepting Authority	:	The Vice Chancellor, NIA, Jaipur
2(x)	Percentage on cost of materials and labour to cover all overhead and profits	:	15%
2(xi)	Standard schedule of Rates	:	DSR-2021 with upto date correction slips issued upto last date of submission of BID
2(xii)	Department	:	NIA, Jaipur
2(xiii)	Standard Contract Form	:	GCC for CPWD Works 2020 CPWD Form 7 as modified and corrected upto Last Date of Submission of BID

CLAUSE 1

- | | |
|--|---------|
| (i) Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and Applicable labor 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. | 7 Days |
| (ii) Maximum allowable extension with late fee @0.1% per day of performance guarantee amount beyond the period as provided in (i) above | 10 Days |

CLAUSE 2

Authority for fixing compensation under clause 2	The VC NIA, Jaipur
--	--------------------

CLAUSE 2 A**Not Applicable****CLAUSE 5**

Number of days from the date of issue of letter of acceptance for reckoning date of start	10 days
Time allowed for execution of work	30 Days

Authority to decide :

- | | |
|--|-----------------------------------|
| (i) Extension of Time | Joint Director (Admn.) NIA |
| (ii) Shifting of date of start in case of delay in handing over of site | Joint Director (Admn.) NIA |

CLAUSE 6**Yes Applicable**

Name of Work : Construction of Foundation work, Providing and fixing of Fibreglass Reinforced Plastic (F.R.P.) Sheet work, Sanitary and Electrical fittings for installation of Ribbon Blender Machine near Pharmacy Building at National Institute of Ayurveda, Jaipur.

CLAUSE 7A

Whether Clause 7A shall be applicable	Yes
---------------------------------------	-----

(No Running Account/ Final Bill shall be paid for the work till the applicable labor licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Estate-in-charge.

CLAUSE 10B (i)

Whether Clause 10 B (i)

Yes

Shall be applicable

CLAUSE 10C

Not Applicable

CLAUSE 10 (CC)

Not Applicable

CLAUSE 11

Specification to be followed

For Civil Works: CPWD Specification 2021 (Vol. I & II)

with correction slips up to last Date of Submission of BID

CLAUSE 12

Type of work

Original Work

12.2 & 12.3

Deviation limit beyond which Extra and Deviated clause 12.2 & 12.3 shall apply Quantities for all items other than foundation specified shall be dealt items as mentioned in clause as per the provisions of 12

CLAUSE 16

Authority for deciding reduced rates

The Vice Chancellor NIA, Jaipur

CLAUSE 17

Defect liability period

01 Year

Clause 25

Constitution of Dispute Redressal Committee (DRC) :

- | | |
|----------------------------------|--------------------|
| a. V.C. NIA, Jaipur | - Chairman |
| b. Joint Director, NIA, Jaipur | - Member Secretary |
| c. Estate In-charge, NIA, Jaipur | - Member |

CLAUSE 32 (i) & (ii)

"Requirement of Technical Representative (s) and Recovery Rate"

S. No.	Minimum Qualification of Technical Representatives	Discipline	Designation (Principal Technical / Technical Representative)	Minimum Experience	Number Of Major + Minor Component	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 32(i) per month
(i)	Graduate Engineer or Diploma Engineer	Civil	Project Manager cum planning/ Site/ billing Engineer	2 years or 5 years	1 of Major Component	Rs. 15,000/- per month per person

"Assistant Engineer retired from Government Services who are holding Diploma will be treated at par with Graduate Engineer".

Diploma holder with minimum 10 year relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

GENERAL CONDITIONS & SPECIFICATIONS FOR CIVIL WORK

1.0 General Conditions for Civil Works

- 1.1 The work in general shall be carried out in accordance with the CPWD Specifications 2019 Vol. I to II (corrected up to the last date of submission/uploading of bid) hereinafter referred as CPWD Specifications.
- 1.2 **Order of Preference:** In case of any difference or discrepancy between the description of items as given in the schedule of quantities, particular specifications for individual items of work (including special conditions) and I.S. Codes etc., the following order of preference shall be observed :
- (i) Description of items as given in Schedule of quantities
 - (ii) Particular specifications
 - (iii) Special conditions
 - (iv) Additional condition
 - (v) Tender drawings attached/ issued during execution
 - (vi) CPWD Specifications including up to date correction slips.
 - (vii) General Conditions of Contract 2020 for CPWD Works with up to date correction slips.
 - (viii) Indian Standards Specifications of B.I.S.
 - (ix) ASTM, BS, or other foreign origin code mentioned in tender document.
 - (x) Manufacturer's specifications and as decided by the Estate-in-charge.
 - (xi) Sound Engineering practices or well established local construction practices.
- 1.3 The water at site shall be arranged by contractor.
- 1.4 The contractor has to submit the drawing and design with the Architectural drawings and structural drawings and make any subsequent changes, if required as per the directions of authority. The work shall be carried out in accordance with the Architectural drawings and structural drawings as approved by the Estate-in-Charge.
- 1.5 Before commencement of any item of work the agency shall correlate all the relevant architectural and structural drawings, and specifications etc. and satisfy himself that the information available is complete and unambiguous. The agency alone shall be responsible for any loss or damage occurring by the commencement of work based on any erroneous and or incomplete information and no claim whatsoever shall be entertained on this account.
- 1.6 The Agency shall be solely responsible for the watch and ward / guard of the buildings safety, fittings and fixtures provided by him against pilferage and breakage during the period of installations and thereafter till the building is physically handed over to the department. No extra payment shall be made on this account.

- 1.7 Sample of building materials, fittings and other articles required for execution of work shall be got approved from the Estate-in-charge before use in the work. The quality of samples brought by the agency shall be judged by standards laid down in the relevant CPWD/ BIS specifications. All materials and articles brought by the agency to the site for use shall conform to the samples approved by the Estate-in-charge which shall be preserved till the completion of the work.
- 1.8 BIS marked materials except otherwise specified shall be subjected to quality test at the discretion of the Estate-in-charge besides testing of other materials as per the specifications described for the item/material. Wherever BIS marked materials are brought to the site of work, the agency shall, if required, by the Estate-in-charge, furnish manufacturer's test certificate or test certificate from approved testing laboratory to establish that the materials/ procured by the agency for incorporation in the work satisfies the provisions of specifications/ BIS codes relevant to the material and / or the work done.
- 1.9 Regarding testing of civil & electrical materials, the testing of materials shall be conducted in Govt. Laboratory/ Govt. colleges/ IITs/NITs or from the laboratory as approved by Estate-in-charge. The charges of testing of materials in approved laboratory shall be borne by the contractor.

1.10 Additional Conditions for Civil Work

1.10.1 General

- 1.10.1.1 The bidder shall acquaint himself with the proposed site of work, its approach roads, working space available before quoting his rates.
- 1.10.1.2 No Entry/exit/roads other than specified by the **Estate-in-charge** for purpose of construction activities will be allowed to be used for construction activity purposes or movement of trucks/lorries/load-carriers and nothing extra/ delay whatsoever will be accounted for on this part.
- 1.10.1.3 The agency shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants or occupiers of adjacent properties and to the public in general and to prevent any damage to such properties and any pollution of smoke, streams and waterways. He shall make good at his cost and to the satisfaction of the Estate-in-charge, any damage to roads, paths, cross drainage works or public or private property whatsoever caused thereon by the agency. All waste or superfluous materials shall be removed by the agency without any reservation entirely to the satisfaction of the Estate-in-charge.
- 1.10.1.4 In the event of any restrictions being imposed by the Security agency, **NIA**, Traffic or any other authority having jurisdiction in the area on the working or movement of labour /material, the agency shall strictly follow such restrictions and nothing extra shall be payable to the agency on this account. The loss of time on this account, if any, shall have to be made up by generating additional resources etc.
- 1.10.1.5 The proposed work is highly prestigious; therefore, quality of work is of paramount importance. Agency shall have to engage well experienced skilled labour to execute the work.

1. 10.1.6 No payment shall be made for any damage caused by rain, snowfall, flood or any other natural calamity, whatsoever during the execution of the work. The agency shall be fully responsible for any damage to the govt. property and work for which the payment has been advanced to him under the contract and he shall make good the same at his risk and cost. The agency shall be fully responsible for safety and security of his material, T&P, Machinery brought to the site by him.
1. 10.1.7 The agency shall ensure that no construction leachate (e.g. cement slurry etc.), is allowed to percolate into the ground. Adequate precautions are to be taken to safeguard against this including, reduction of wasteful curing processes, collection, basic filtering and reuse. The agency shall follow requisite measures for collecting drainage water run-off from construction areas and material storage sites and diverting water flow away from such polluted areas. Temporary drainage channels, perimeter dike/swale, etc. shall be constructed to carry the pollutant-laden water directly to the treatment device or facility (municipal sewer line).
- 1.10.1.8 The agency shall comply with the safety procedures, norms and guidelines (as applicable) as outlined in the document Part 7 Constructional practices and safety- 2005, National Building code of India, Bureau of Indian Standards. A copy of all pertinent regulations and notices concerning accidents, injury and first-aid shall be prominently exhibited at the work site. Depending upon the scope & nature of work, a person qualified in first-aid shall be available at work site to render and direct first-aid to casualties. A telephone may be provided to first-aid assistant with telephone numbers of the hospitals displayed. Complete reports of all accidents and action taken thereon shall be forwarded to the competent authorities
- 1.10.2** The agency shall ensure the following activities for construction workers safety, among other measures:
- 1.10.2.1 Guarding all parts of dangerous machinery.
- 1.10.2.2 Precautionary signs for working on machinery
1. 10.2.3 Maintaining hoists and lifts, lifting machines, chains, ropes, and other lifting tackles in good condition.
- 1.10.2.4 Durable and reusable formwork systems to replace timber formwork and ensure that formwork where used is properly maintained.
- 1.10.2.5 Ensuring that walking surfaces or boards at height are of sound construction and are provided with safety rails or belts.
- 1.10.2.6 Provide protective equipment; helmets etc.
- 1.10.2.7 Provide measures to prevent fires. Fire extinguishers and buckets of sand must be provided in the fire-prone area and elsewhere.
- 1.10.2.8 Provide sufficient and suitable light for working during night time.
- 1.10.2.9 The agency shall provide for adequate number of garbage bins around the construction site and the workers facilities and will be responsible for the proper utilization of these bins for any solid waste generated during the construction. The agency shall ensure that the site and the workers facilities are kept litter free. Separate bins should be provided for plastic, glass, metal, biological and paper waste and labeled in both Hindi and English with suitable symbols.

- 1.10.2.10 Agency should spray curing water on concrete structure and shall not allow free flow of water. Concrete structures should be kept covered with thick cloth/gunny bags and water should be sprayed on them. Agency shall do water ponding on all sunken slabs using cement and sand mortar.
- 1.10.2.11 The Agency shall remove from site all rubbish and debris generated by the Works and keep Works clean and tidy throughout the Contract Period. All the serviceable and non-serviceable (malba) material shall be segregated and stored separately. Malba, rubbish & other waste materials shall be disposed of as directed by Estate in Charge.

2.0 Preferred Make & Approval of materials:

- 2.1 The list of preferred make of materials for Civil Works is given as **Annexure-V**.

3.0 Approved Make for Civil Works:

- 3.1 Specification/brands names of materials to be used as per the scope of work are listed here. The efforts should be made by the agency to use indigenous products. The agency should also consider the availability of spares parts/components for maintenance purposes while proposing any brand/manufacturer. The materials of any other brand/manufacturer may be proposed for use by the agency in case the brands specified below are not available in the market and/or agency intends to use some other brand better than the brands mentioned in this list. The alternate brand can be used only after the approval of Estate-in-charge. The list of approved make for Civil Works should be as per **Annexure-V**.
- 3.2 All expenditure to be incurred for testing of sample e.g. packaging, sealing, transportation, loading, unloading etc. including All Material Testing Charges shall be borne by the contractor, used in the work.

ADDITIONAL CONDITIONS FOR WORKS

1. For all items of civil; CPWD Specifications 2019 Vol - I to Vol - II with correction slips upto Last Date of Submission of BID shall be followed. For the items which are not covered under CPWD specifications; the special conditions/B.I.S. specifications shall apply. In this regard the decision of Estate-in-charge shall be final.
2. Wherever any reference is made of any Indian Standards, it shall be taken as reference to the latest edition with all amendments/revision issued there upto the date of receipt of tender.
3. Unless otherwise specified, the agreement rates for all items of work of the schedule of quantities are for all heights, depths, leads and lifts involved in the execution of work.
4. The contractor shall make his own arrangements for obtaining electric connection for carrying out any maintenance activity and make necessary payment directly to the department concerned.
5. Other agencies working at site will also simultaneously execute the work entrusted to them and the contractor shall offer necessary co-operation wherever required to other agencies.
6. On account of security consideration, there could be some restrictions on the working hours, movement of vehicles for transportation of materials. The contractor shall be bound of follow all such restrictions and adjust the programme for execution accordingly.
7. The work shall be carried out in a manner complying in all respects with the requirements of relevant bye laws of the local bodies, labor laws, minimum wages act, workmen compensation act and other statutory laws enacted by Central Govt as well as State Govt.
8. All malba/rubbish/silt/waste/garbage etc. generated due to any operation by the agency from houses/offices and other open spaces whatsoever shall be disposed off on daily basis by the contractor to the specified common disposal point and nothing extra shall be paid on this account. After the collection of full truck load of the said malba (approx 4.5 cubic meters), the same shall be disposed of within three working days by the contractor to the authorized municipal dumping ground. **In case of non-removal/disposal in the specified period, a sum of Rs. Two Hundred per day shall be recovered from the contractor.**
9. No residential accommodation shall be provided to any of the staff engaged by the contractor. The contractor shall also not be allowed to erect any temporary set up for staff in the campus.
10. **The Engineers who are employed by the contractor under clause-32 of the agreement shall be present at the site from 9:00 AM to 5:00 PM on all working days and shall carry mobile telephone(s) to enable the Estate-in-charge to have easy and quick communication.** Nothing extra shall be paid to the contractor on this account and his quoted rates for various items under this contract will be inclusive of this obligation.
11. All materials, T & P consumable and contingent articles required for the work shall be arranged by the contractor. Materials used shall be in order of preferences.

- (i) As per list of preferred makes of materials attached (Annexure-V).
- (ii) Under the Nomenclature of the item.
- (iii) ISI marked.
- (iv) CPWD specifications.
- (v) CPWD approved.
- (vi) Direction of the Estate-in-charge.

Replaced material used shall have same or richer specifications to the original materials and compatible to the work.

- 12. Chases, holes & drilling works etc. shall be done using only power operated tools.
- 13. The contractor shall have to carry out the work other than day to day maintenance according to programme given by the Estate-in-charge or his representative. The contractor shall not carry out any work in any building without permission of Estate-in-charge. The contractor shall adhere to this programme failing which he shall be wholly responsible. No claim for idle labor on any account shall be entertained. The contractor shall depute his representative daily to the site of work. His name and signature shall be attested by the contractor for record in the department.
- 14. The quarters/flats and portions of quarters/flats where the work is to be executed on any day shall be got approved from the representative of Estate-in-charge at the site of work. No work shall be carried out in any quarters/flats without the approval of the representative of the Estate-in-charge.
- 15. Any work carried out without the approval of the representative of the Estate-in-charge at the site of work shall be rejected and will not be measured and paid for.
- 16. **The material such as paints, varnish, distempers, water proofing cement paint and primers etc. as required shall be of approved brand and manufacturers, and of required shade and conforming in all respects to the relevant I.S. specifications.**
- 17. The manufacturing date and batch No. inscribed or printed on packs/containers by manufacturers are only acceptable for all the above said materials. Fresh material shall be brought at site as far as possible. The material shall be used within its shelf-life as prescribed by the manufacturer. Any material which has out lived its life shall not be permitted to be used in the work and removed immediately from the site. The decision of the Estate-in-charge shall be final & binding.
- 18. **The contractor shall get the shades of all types of paints, distemper, water proofing cement paint etc. approved from the Estate-in-charge before procurement of materials.**
- 19. The site for the collection and stacking of the material shall be got approved from the Estate-in-charge.
- 20. Nothing extra shall be paid to the contractor for excess consumption of material.

21. The contractors shall quote their rates inclusive of all taxes, cartage, royalties etc, complete.
22. Contractor shall take daily instructions. A register will be maintained at the Enquiry Office for this purpose. The JE will note down the work in flats to be attended to and the dates on which the work in these flats is to be started. An authorized representative of the contractor will, therefore, have to visit the Enquire Office daily and note down the instructions in the register.
23. The contractor and/or his authorized agent should see the site order book every day and get the compliance noted by the Junior Engineer/Assistant Engineer/Estate-in-charge.
24. All the items of work in a quarter/flat shall have to be taken up-sequentially i.e. after the patch repairs are carried out in one quarter, white/ colour washing will be taken in the same quarter and thereafter painting shall have to be got completed.
25. All the malba or rubbish generated from dismantling or otherwise during the execution of the work shall be brought down through the staircase and shall not be thrown to the ground directly from first floor or second floor etc. This shall be carried and stacked properly to the specified common disposal point on the same day and site shall be left clear as per the instructions of the Estate-in-charge.
26. Any damage to the building structure, fitting or any other articles etc. done by the contractor or his workman during the execution of the work shall be made good by the contractor at his own cost.
27. The contractor shall clear the site properly after the completion of the work.
28. In case the materials used are less than theoretical requirements the cost for the materials used less shall be recovered from the contractor at the basic rate as given in **D.S.R. 2021 Add Cost Index @ 3.81% carriage plus @1% W.C. plus 15% Contractor Profit** and over heads plus contractors enhancement/ abatement as per the clause 12 of the Agreement. For all excess use of material over the theoretical consumption no extra payment shall be made to the contractor.
29. Old doors, windows, floors, furniture, Electrical and other fitting shall be cleaned from all splashes, dust, dirt and mortars etc. The rate for the white washing/ color-washing/ distempering/ painting etc. include the cost of removal of splashes and paint marks. In the event of failure on the part of contractor to remove the splashes and the paint mark, a compensation at the rates as follows shall be levied.

30.	For splashes of Internal Finishing	For splashes of paint/ paint marks	For splashes External finishing
All Bldg.	Rs.1000- each	Rs.1000/- each	Rs.1000/-each

30. The contractor shall also assist inspection and collection of samples as instructed by Estate-in-Charge or his representative for testing. The samples of materials/ items of work required for testing shall be provided free of charge by the contractor. The cost incurred in collection of samples and its packing and transportation to the approved lab/field laboratory shall be borne by the contractor. The test outside field laboratory shall be got done from the laboratory approved by Estate-in-charge. The cost of test shall be borne by the contractor.
31. **The Defect liability period of the work shall be 01 year after date of completion/handing over of the work, whichever is later. The contractor will rectify any type of manufacturing/ functional/ quality related defect at his own cost. The contractor will submit a letter regarding this to the Joint Director before final payment of work.**
32. Applicable Law: The contract shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such Commercial dealings/processing.
- Any disputes are subject to exclusive jurisdiction of Competent Court and Forum in Jaipur, Rajasthan, India only.
- The Arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at Jaipur. The decision of the Arbitrator shall be final and binding on both the parties.
- Force Majeure: Any delay due to Force Majeure will not be attributable to the supplier.
33. The Documents as per Checklist given below must be submitted along with bid failing which, submitted bids will not be considered for technical evaluation.

Checklist to be submitted by bidder		
S. No	Certificate	Document(s) No./Description
1	Experience Certificate/(s)	
2	Average Annual Turnover for last three years of the bidder (must be equal to or more than 7.73 lacs)	
3	Undertaking for Non-Blacklisting of the Firm	
4	Local Content Declaration (MII)	
5	EMD, if applicable	
6	Past performance Certificates, as applicable	
7	PAN card details	
8	GST Registration Certificate	
9	Firm Registration Certificate (in appropriate category)	

TECHNICAL BID

(Fill in capital/bold letters only)

1.	Name of Tendering Company/Firm/Agency	:	
2.	Name of Owner/Partners/Directors	:	
3	Full Particulars of the Head Office	:	
	• Address	:	
	• Telephone No.	:	
	• Fax No.	:	
	• E-mail address	:	
4	Full Particulars of the Bankers of the Company/Firm/Agency, with full Address/Tel. No.	:	
	• Name of the Bank	:	
	• Address of the Bank	:	
	• Telephone No.	:	
	• Fax No.	:	
	• E-mail address	:	
5	Registration Details:	:	
	• Copy of Firm/Agency's Registration No.	:	
	• PAN/GIR NO.	:	
	• GST Registration No	:	
	• Aadhar No. of Owner/Partners/Directors	:	
6	Details of Earnest Money Deposit	:	
	• Amounts (Rs.)	:	
	• DD/PO No. and Date	:	
	• Drawn on Bank	:	
	• Valid upto	:	
7	Details of Tender Fee	:	
	• Amount	:	
	• DD/PO No.	:	
	• Drawn on Bank	:	
	• Valid upto	:	
8	Annual Turnover of the Company/Firm/Agency for the last 3 years (With Proof duly certified by Chartered Accountant/Auditor) Last 03 Years balance sheet and copies of Income tax returns for 3 Years as stated in Terms & Conditions		
	2020-2021	:	
	2021-2022	:	
	2022-2023	:	
9	The Firm who are registered with National small Industries Corporation (NSIC)/ or Small Scale Industry /or MSME are exempted to submit the Tender fee & EMD (copy of Valid MSME registration Certificate must be provided along with Udyam Aadhar)		
10	Experience and Past Performance		
	Experience in the relevant field for the minimum 3 years		Experience and past performance as per Tender Documents.

Certificate

(To be submitted with the Technical Bid)

The Annual Turnover of M/s. _____ for the last 3 Years are given below and it is certified that the Statement is true and correct:

S.N.	Year	Turnover Rs. In Lacs
1	2020-2021	
2	2021-2022	
3	2022-2023	
Total		Rs _____ Lacs

Average Turnover per Annum: Rs. _____ Lakhs.

Date : -

Signature of Chartered Accountant/Auditor with Seal

LIST OF PREFERRED MAKES (CIVIL WORKS)

Approved makes of materials to be used in the work are as under. In case of non availability of these makes, the Estate-in-charge may allow use of alternative BIS/ Non BIS marked makes of materials in the work may be permitted by the Estate-in-charge.

S. No	Material	Revised List of Preferred Make
1.	(i) Ordinary Portland Cement / Portland Pozzolona Cement.	ACC, Ultratech, J.K. Cement, Century Cement, Shree Cement, Jaypee Cement, Vikram Cement, Wonder Cement
	(ii) White Cement	Birla White , J.K. White
2.	Reinforcement Steel	SAIL, Tata Steel, Rashtriya Ispat Nigam Ltd.(RINL), JSW Steel Ltd., Jindal Steel & Power Ltd.
3.	Water Proofing Compounds, Admixtures, Plasticizer, Super Plasticizer, Curing Compounds	Fosroc, ROFF / Dr. Fixit (Pidilite Industries), CICO, Sika, BASF, Ardex Endura (Bal Endura), Scot Chemicals, STP Limited, Shalimar, MARKCHEM
4.	Integral Water proofing compound with cement (For Plaster & Mortar)	Fosroc, Conplast 421 Dr. Fixit : LW+, Sika : Sikacim, Asian Paints : Smart care vitalia & equivalent product of BASF, CICO, Ardex Endura, Scot Chemicals, STP Limited, KRYTON
5.	Water proofing for bathroom/ toilet/ balcony & other wet areas	Fosroc : Brush Bond, CICO: Tapecrete, Dr. Fixit : Pidifine 2K, Sika : Nito Bond, Asian Paints : Damp Block 2 K & equivalent product of BASF, Ardex Endura, Scot Chemicals, STP Limited
6.	Crystalline water proofing compound	Fosroc : Fosroc Crystalline
		Dr Fixit : Dr. Fixit Crystalline
		Sika : Sika Crystalline
		Asian Paints : Crystalline Quart
		& equivalent product of BASF, CICO, ArdexEndura, Pentron, Scot Chemicals, STP Limited, Shalimar
7.	Grouts, Tile Adhesive	Latecrete, Kerokoal, BASF, Ardex Endura, Ferrous Crete, Pidilite, Scot Chemicals, STP Limited, Shalimar, Black MARKCHEM
8	Stone Adhesive	Pidilite - Fevimate excel, BASF, Ardex Endura, MYK Laticrete, Scot Chemicals, Shalimar, STP Limited

9	Structural Steel	SAIL, Tata Steel, Rashtriya Ispat Nigam Ltd.(RINL), and JSW Steel Ltd., Jindal Steel & Power Ltd,
10	Polycarbonate Sheet	GE Plastic, LEXAN, Bayers
11	Profile steel sheet	Ezydeck of TATA, Lloyd Superdeck, JSW / Jindal
11(A)	Sandwich Profile panel	Lloyd, Synergy, Metclo, Kingspan (Note : Profile steel sheet should be of make Tata/Jindal/JSW).
12	Particle Board	Action TESA, Greenlam, Merino, Jayna, Green Panel
13	Laminates	Action TESA, Greenlam, Century Ply, Merino, Sunmica
14	Flush door shutters	Jayna, Century, Durian, Green ply, Merino, Green Panel, A1 teak, Orion Doors, Jain Doors Pvt. Ltd, Black Cobra
14(A)	Wire gauge shutters	Jayna, A1 teak, MP wood, Goel Industries Corpn.
14(B)	Wire mesh door	Jain Doors Pvt. Ltd.
15	Fire Rated Doors	Signum Fire Protection, Shakti Metdoor, NAVAIR, Sukri, Promat International, Synergy Thrislington, Becker Firesolutions , Shakti Hormann, Royal Aircon
16	False Ceiling System Metalic, Mineral Fibre, Gypsum	Armstrong, Hunter Douglas, USG Boral, Saint Gobain, Aerolite, Durlum, Diamond Ceiling
17	Plywood/ Veneer	Green ply, Century, Merino, Duro, Durian, Green Panel, Black Cobra
18	Melamine Polish	Asian Paints Melamine Gold, Wudfin of Pidilite, Timbertone of ICI Dulux.
19	Floor Spring & Door Closure	Godrej, Dorma, Dorset, Kich
20(a)	Aluminium Section/ ACP/ Composite Panel	Hindalco, Jindal, Indian Aluminum co., Omalco, ALEX, ALUTECH
20(b)	Anodised Aluminium Hardware (Heavy Duty)/ AHPL	Kilong, Alualpha, Classic, Ebco, VIVA
21	Clear/Float/Frosted/ Toughen Glass/ Refractive Glass	Saint Gobain, AIS, Modiguard, Ashai Float, VIVA
22	Stainless Steel Railing, Accessories etc.	JINDAL, Dorma, Kich, GEZE, Godrej
23	S.S. Door & Window & Fittings	Jindal, Dorma, Kich, Dorset, Godrej, Ozone, Prayag, Chandni Industries
24	Silicon based water repellant /Weather Sealant	G.E. Plastics, Dow Corning, Wacker, BASF, Pidilite (Dr. Fixit/Roff), STP Limited
25 (a)	Poly-Sulphide Sealant	Fosroc, Pidilite (Dr. Fixit/Roff), Sika, BASF, STP Limited
(b)	Sealant	MARKCHEM
26	Mosaic tiles/ Chequered Tiles	Ultra Tiles, NITCO, Hyper(Mayur), Pavcon, Swastik Tiles, Oswal Industries, Dalal Tiles Pvt. Ltd., Modi Tiles, Mayur Dynamic

27	Ceramic Tiles	Kajaria, RAK, Somany. Qutone, Oasis, Lotus Tiles
28	Vitrified Tiles (Antiskid/Matt/Glazed) (Only Double charged vitrified tile permitted.)	Kajaria, RAK, Somany. Qutone, Oasis, Lotus Tiles
29	Paver block & Kerb Stone	Pavcon, Mayur, KK, Oswal Industries, Dalal Tiles Pvt. Ltd., Modi Tiles, Lotus Tiles, Mayur Dynamic/ Hyper
30	Dash / Anchoring Fasteners	HILTI, Fischer, Bosch, Wurth.
31	Cement Based Wall putty	Birla wall care, JK White, Berger, Asian Paints, ShieldmaxX, STP Limited
32	Oil Bound Washable Distemper / Dry Distemper	Asian Paints : Professional Acrylic Distemper, Nerolac: Beauty Acrylic Distemper, Berger : Bison Acrylic Distemper, Dulux ICI : Maxilite
33	1 st Quality Acrylic Distemper (washable/Ready mix/ Low VOC)	Asian Paints : Tractor Aqua Lock Paint, Berger : Commando or equivalent paints of Nerolac or ICI-Dulux
34	Acrylic Emulsion Paints	Asian Paints : Professional Premium Interior Emulsion Paint, Nerolac : Beauty Gold, Berger : Rangoli total care, ICI-Dulux : Super Cover
35	Plastic Emulsion Paint	Asian Paints : Apcolite Heavy Duty Premium Emulsion Paint, Nerolac : Impression, Berger : Easy Clean, ICI-Dulux : 3 in 1
36	Premium Acrylic Emulsion Paints (Interior)	Asian Paints : Royale Luxury Emulsion, Nerolac : Impression , Berger : Silk, ICI Dulux : Velvet touch
37	Textured Exterior Paint	Asian paints, Nerolac, Berger Paints, Ultratech Paints, Luxture
38	Acrylic Smooth Exterior Paint	Asian Paints : Apex/ Professional Premium Exterior Emulsion, Nerolac : XL, Berger : Weather Coat, ICI-Dulux : Weather Shield, STP Limited
39	Premium Acrylic Smooth Exterior Paint with Silicon additive.	Asian Paints : Apex Ultima Nerolac : XL Total Berger : Weather Coat all guard, British Paint ICI-Dulux : Weather Shield max
40	Synthetic Enamel Paint	Asian : Apcolite Premium gloss enamel, Nerolac : Synthetic Hi gloss Berger : Luxol Hi gloss, British Paint ICI –Dulux : Gloss Synthetic enamel
41	Cement Primer	Nerolac, BP White (Berger), Decoprime WT(Asian), White primer (ICI), PrimaxX

42	Steel Primer(Red Oxide Zinc Chromate Primer)	Asian Paints, Nerolac, Berger, ICI
43	Wood Primer	Asian Paints (Wood Primer – White/Pink), Berger ICI, Nerolac,
44	Epoxy Paint	Asian, Nerolac, Berger, ICI, Kansai Akzo Nobel, STP Limited
45	Fire Paint	Asian Paints, Akzo Nobel Coatings India Ltd., PROMAT, Jotun, STP Limited
46	G.I. / M.S. Pipe	Tata, Jindal (Hisar)
47	G.I. Fittings	Unik, AVR, Zoloto
48	HDPE Pipes	Reliance, Jain Pipes, ORIPLAST, Supreme
49	DI PIPES	Electrosteel, Jindal, TATA DUCTURA, Kapilansh, Kesoram
50	DI Fittings	Electrosteel, Jindal, TATA DUCTURA, Kapilansh, Kesoram
51	UPVC pipe and Fittings	Astral, Supreme, Ashirwad, Prayag
52	CPVC pipe and Fittings	Astral, Supreme, Ashirwad, Prayag
53	Centrifugally Cast (spun) iron pipes, fittings & accessories	NECO, Kapilansh, SKF, RPMF
54	Hubless Centrifugally Cast (spun) Iron Pipes & accessories	RPMF, SKF
55	C.I. Manhole covers, frames & GI Gratings	NECO, Kapilansh, SKF, RPMF
56	SFRC Manhole covers & gratings	KK, JAIN, PARGATI
57(a)	CP Brass Fittings (Superior Range)	Jaquar, Grohe, Roca, Somany (French Collection)
57(b)	CP Brass Fittings (Normal Range)	Hindware, Jaguar, Parryware, Somany, Prima, Prayag
58	Sanitary ware, Fittings & accessories (Superior Range)	Kohler, Roca, Jaquar, Somany (French Collection), Royale of Asian Paints
59	Sanitary ware, Fittings & accessories (Normal Range)	Hindware, CERA, Jaquar, ROCA, Somany, Prima, EssEss / Bathsense of Asian Paints, Prayag
60	Mirror Glass	Atul, Modi Guard, Jaquar, CERA
61	CPVC Pipe & fitting	Astral, Supreme, Ashirwad, Prayag
62	Stainless Steel Sink	Neelkanth, Niralli, Jyna, Prayag, Silver Shine,
63	RCC Pipes (NP-2)	Lakshmi, Sood & Sood, Jain Pipe Co. (Newai), Mahaveer Enterprises (Newai), Work well spun pipes, Pali.
64	UPVC Doors & Windows (PROFILE makers & their authorized Fabricators only)	Fenesta, KOMERLING, RHEAU, Aluplast, NCL VEKA Limited
65	Extruded Polystyrene Insulation Board	Dowcorning, Supreme, Texas, Analco, STP Limited
66	Heat Resistant Tiles	Swastik, Thermatek, Oswal Industries, Ashapura Tiles, Dalal Tiles

		Pvt. Ltd., Mayur Dynamic
67	Gypsum Plaster	Ferrous Crete, Gyproc Saint Gobain, UltraTech, GypsomaxX
68	Floor hardener	Ironite, Ferrok, Hardonate
69 (a)	Modular Expansion Joint	Herculus, Sanfield India Ltd. Vexcolt
(b)	Expansion Joint System	Construction Specialties International (India) Pvt. Ltd.
70	Glass Wool	Dow Corning, U.P. Twiga, Isover
71	UPVC doors and window hardware	Rotto, Dorset, Kinlong
72	AAC Block Adhesive	Xtralite, Orifix, Ardex Endura, Ferrous Crete, MYK Laticrete, STP Limited
73	AAC Block	UltraTech, Orilite, Seporex (Buildtex), HIL-Aerocon, Aerotuff
74	M.S. tubular windows Press steel door frames	Jangid Engineering, AGFUV, SEN HARVIC, NAVAIR Delhi, SUKRITI Delhi
75	Modular Kitchen & Wardrobes	Sleek by Asian Paint or Equivalent approved by Estate in Charge
76	WPC/PVC door shutters & frame	Rajshree, Polygreen, Plasto Green, Rajshri Plastiwood
77	FRP Doors & Frames	Jain Doors Pvt. Ltd. or Equivalent approved by Estate-in-charge
78	STP / ETP	Ion Exchange, Thermax, Venza
79	RO / WTP	Ureka Forbs, Ion Exchange, Thermax, Venza
80	Aluminium Formwork (Shuttering)	MFS Aluminium Formwork System
81	Polymer Mortar	Shalimar or Equivalent approved by Estate-in-charge
82	C.P. Brass Bathroom fittings & accessories	PRIMA, Prayag, PLATO, Player
83	RMC	As approved by Estate-in-charge

Note:- In respect of other materials, any ISI marked material can be used on the work but these shall also meet the requirement for obtaining GRIHA 3 star rating. In case any material / product listed above does not meet the requirement required for obtaining GRIHA 3 star rating, alternate product as per decision and approval of Estate In-charge (NIA, Jaipur) shall be used. In such situation, cost adjustment (if required) shall be made after approval from Estate In-charge (NIA, Jaipur) and the decision of Estate In-charge (NIA, Jaipur) shall be binding and **shall be binding and final**.

Schedule of Quantity

S. No.	2021 DSR Code no.	Description of Item	Qty	Unit	Rate per unit	Total Amount of DSR Items
Civil Work						
1.	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	8.00	kg	45.05	360.40
2.	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	500.00	kg	89.65	44825.00
3.	5.1.2	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 :				
	5.1.2.1	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)	5.50	cum	8364.20	46003.10
4.	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	22.00	sqm	608.35	13383.70
5.	11.4	52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacturer's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	32.00	sqm	855.90	27388.80
6.	2.6	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.				
	2.6.1	All kinds of soil	3.00	cum	205.45	616.35
7.	12.50	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by 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.	40.00	sqm	671.55	26862.00

8.	13.46	Finishing walls with Acrylic Smooth exterior paint of required shade :				
	13.46.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	15.00	sqm	166.85	2502.75
9.	6.4	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 :				
	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	1.00	cum	8288.35	8288.35
10.	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
	15.7.4	In cement mortar	0.90	cum	1698.45	1528.61
11.	13.3	20 mm cement plaster of mix :				
	13.3.1	1:4 (1 cement: 4 fine sand)	10.00	sqm	402.15	4021.50
12.	10.20	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.	600.00	kg	78.20	46920.00
13.	12.43	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
	12.43.2	110 mm	6.00	each	309.50	1857.00
14.	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
	12.42.5	Bend 87.5° 110 mm bend	2.00	each	132.00	264.00
	12.42.6	Shoe (Plain) 110 mm Shoe	2.00	each	115.95	231.90
15.	12.41	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
	12.41.2	110 mm diameter	10.00	metre	319.75	3197.50
16.	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
17.	4.1.2	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)	1.00	cum	7783.65	7783.65
18.	4.1.8	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) cum 6326.05	1.00	cum	6326.05	6326.05
19.	4.3.1	Centering and shuttering including strutting, propping etc. and removal of form work for : a) Foundations, footings, bases for columns	5.00	Sqm	307.95	1539.75
20.	9.5	Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 25x3 mm M.S flat beading and priming coat with approved steel primer all complete.	10.00	Sqm	1484.70	14847.00

21.	10.2	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.				
	10.16.1	Hot finished welded type tubes	30.00	Kg	154.90	4647.00
22.	13.61.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : a) Two or more coats on new work	25.00	Sqm	131.45	3286.25
23.	13.16.1	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	10.00	Sqm	253.05	2530.50
Electrical Work						
24.	MR	Supplying of XLPE Insulated and PVC sheathed Al. cond. Armoured power Cable of 1.1 KV grade conforming to IS:7098(Part-I & Part- II) of following sizes				
		a) 3.5x70 Sqmm	50.00	Meter	811.00	40550.00
25.		Supplying and making end termination with brass compression glade and aluminum lugs for following size of PVC insulated and PVC insulated nad PVC sheathed XLPE aluminium conductor cable 1.1 KV grade as reqd .				
	9.1.23	a) 3.5x70 Sqmm(38mm)	2.00	Each	468.00	936.00
26.		Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.				
	7.5.2	a) Above 35 sq.mm and upto 95 sq.mm	10.00	Meter	57.00	570.00
27.		Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
	7.7.2	a) Above 35 sq.mm and upto 95 sq.mm(clamped with 25x3mm MS flat clamp)	40.00	Meter	130.00	5200.00
28.		Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc..direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.				
	14.16.1	a) 63mm dia.(OD-63mm& ID-51 mm nomianl)	10.00	Meter	247.00	2470.00
29.	MR	S/F of 3x10 sqmm flat submersible cable of copper conductor cable alongwith GI pipe line etc. as required.	20.00	Meter	148.00	2960.00
30.	MR	Fabrication, Supplying, installation, testing and commissioning of Outdoor type double door , sectionalised, compartmentalized , Feeder panel having front surface area minimum 2 Sq. Mtr. & 400 mm deep of suitable size fabricated from CRCA steel of 2mm thick for frame work, enclosure and doors, 3 mm thick for gland plates with stiffeners wherever required,having vibration free structure chemically treated with seven tank process before painting for surface treatment and powder coated with 4 nos. 500 Amp. electrolytic grade high conductivity Aluminium busbar extensible type, DMC/ SMC busbar supports, suitable for 3 phase 415 V 50 HZ AC supply i/c providing and fixing the following switchgear mounted thereon complete (All the MCCBs shall be lcs = 100% lcu and all control wiring shall be done 2.5 sq. m.. FRLS copper conductor cable)				
		a) Incomer (i) 200A,36KA FP MCCB with TM release with rotary handle & spreader terminals = 1 No	1.00	each	36633.00	36633.00

31.	MR	DOL starter suitable for upto 10.0 HP pump (rating upto 40 A) complete with Power contactor TP AC3 duty , Motor protection relay having inbuilt over load, earth fault, locked rotor and single phasing protection feature complete with all accessories and internal wiring with minimum 2.5 Sqmm PVC insulated copper conductor wire required for operation, seperate ameter and voltmeter ,selector swtich for local /remote, auto/ manual/ OFF operation Attempt starting device, timers and relays as required, push buttons for start/stop in manual mode, individual auto/manual salector Toggle switch, "C" Curve Single Pole 2 Amp. MCB etc. with neutral link etc complete as required	1.00	each	3586.00	3586.00
32.	MR	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	100.00	Meter	42.00	4200.00
33.	MR	Fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm by welding to window/door and other M.S. frames etc. including 25x3 mm M.S flat beading and priming coat with approved steel primer all complete.(hard drawn steel wire fabric supplied by Deptt free of cost)	45.00	Kg	50.00	2250.00
(A) Civil + Electrical Work Total Rs.						368566.16
(B)Add For increase in GST 12% to 18%(6.33%) on DSR Items Rs 278386.16)						17621.91
(C) Net Amount (A+B)						386188.07
Say (Rs)						386188.00

नोट : उपरोक्त कुल राशि 3,86,188.00 कार्य की अनुमानित लागत है, ठेकेदार को सी.पी.पी. पोर्टल पर दिये गये BOQ में इस राशि के उपर या नीचे (%Above or Below) में अपनी दरें भरनी होगी, तथा न्यूनतम निविदादाता ही कार्य—आदेश प्राप्त करने के अधिकारी होंगे।