

**ENGINEERING DEPARTMENT
UNIVERSITY OF DELHI
DELHI-110007**

REF.NO. CE/

/DU/M- 53 (2026-27)

Dated-

NOTICE INVITING e-TENDER

1. Online bids are invited from the registration contractor with C.P.W.D./ M.E.S./ Railways/ Delhi PWD/Delhi University in appropriate Categories and class with two bid systems for **Repair and renovation of residential quarters D-4 Maurice Nagar, University of Delhi including terrace water proofing , painting works, repair of damaged plaster with seepage removal treatment, replacement of sanitary fittings and fixture and other allied works Manual / Offline bids will not be accepted.**
2. **Tender documents may be downloaded from Delhi University website www.du.ac.in (for reference only) and CPPP site <https://eprocure.gov.in/eprocure/app> as per the schedule as given in as under.**

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|---|---|
| Publishing Date | 19-05-2026 (06:00 PM) |
| Bid Document Download / Sale Start Date | 19-05-2026 (06:00 PM) |
| Estimate Cost | Rs.8,75,332/- |
| EMD (The EMD should be submitted in the office of Chief Engineer before the last date and time of submission Of bid over e-portal. | Rs.17,507/- |
| Tender Fee | Rs.500/- |
| Completion Time | 45 Days |
| Bid Submission start date | 19-05-2026 (06:00 PM) |
| Bid Submission end date | 02-06-2026 (01:00 PM) |
| Technical Bid Opening date | 03-06-2026 (01:00 PM) |
| Financial Bid Opening Date | To be intimated later on website |

3. **Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>.**

Bidders/Contractors are advised to follow the instructions provided in the 'Instructions to the Contractors/Bidders for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>'.

Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

4. Not more than one tender shall be submitted by one contractor or contractors having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e when one or more

partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.

5. Bidder who has downloaded the tender from the Central Public Procurement Portal (CPPP) website <https://eprocure.gov.in/eprocure/app>, <https://eprocure.gov.in/epublish/app> **shall not tamper/modify the tender form including downloaded price bid template in any manner.** In case if the same is found to be tampered/modified in any manner, tender will be completely rejected and EMD would be forfeited and Bidder is liable to be banned from doing business with University of Delhi.
6. Intending Bidders are advised to visit University of Delhi website www.du.ac.in and CPPP website <https://eprocure.gov.in/eprocure/app> at least 3 days prior to closing date of submission of tender for any corrigendum / addendum/ amendment.
7. **Mode of payment for tender /quotation fee:** - The bidder shall furnish the tender /quotation fee of **Rs.500/-** online in the following manner:

STEPS TO BE FOLLOWED FOR ONLINE PAYMENT

(Tender Fee/EMD/Performance Guaranty etc. for Tenders of Engineering Department)

The Agencies are advised to follow the steps given below for online payment of Quotation/ Tender fee.

STEP 1 : Connect to “misconlinefee.du.ac.in”

STEP 2 : Click on “Miscellaneous fee”

MISCELLANEOUS FEE

Name (Name of Agency)

Email

Mobile

Fee

Item Count (Item count should always be 1)

Please provide details of the fee (exam type, paper no. etc)

STEP 3 : The fees selection for Rs 150 is “Tender Fee (upto 1 lakh Tender Value)(Chief Engineer,)” ;for Rs. 500 “Tender fee (more than 1 lakh upto 20 lakhs tender value)(Chief Engineer,)” and for Rs 1000 ”Tender fee (more than 20 lakhs Tender Value) (Chief Engineer,)”

STEP 4 : fill up the above details and Type tender ID in “**Please provide details of the fee (exam type, paper no. etc**” column (eg.Tender ID 2019_DU_123456_1)

STEP 5 : click on “save”

STEP 6 : follow the instructions as per site

***Note*- The e-mail address and mobile number should be functional as after saving the above OTP will be received above mentioned details. In case the payment receipt is not displayed after payment, confirmation/ payment receipt can be received after through “Track your Payment” option.**

Deposit the prescribed Quotation/Tender fee etc. (as inscribed on the Tender /bid) online at the payment Gateway before the bid closure time & date. In case if are unable to get the receipt after payment, you may click on the option “track my payment”.

8. **BID Security / EMD:** The bidder should submitted the EMD of **Rs.17,507/-** to the office of The Chief Engineer, before the last date and time of submission of bid over e-portal . The bidder should obtain the receipt of the deposition of original EMD as per annexure “B” (the receipt copy is to be furnished and to be filed by the bidder before submission to the concerned office.)
 - (a) FDR/TDR issued by any Nationalized/Scheduled Bank drawn in favour of “Registrar, University of Delhi, payable at Delhi,
9. Bids will be opened as per date/time as mentioned above. After online opening of Technical-Bid the financial bid of eligible bidders will be opened and the date and time will be mentioned on the e-portal.

(The copy of receipt of depositing of Original EMD from the office of the Chief Engineer, Engineering Department, University of Delhi, Delhi-110007 in the prescribed Performa attached as below)

Receipt of deposition of original EMD

Receipt no. / date

1. **Name of work:** Repair and renovation of residential quarters D-4 Maurice Nagar, University of Delhi including terrace water proofing, painting works, repair of damaged plaster with seepage removal treatment, replacement of sanitary fittings and fixture and other allied works
2. **Estimated cost:** Rs.8,75,332/-
3. **EMD Cost:** Rs.17,507/-
4. **Tender ID No.**
5. **Ref. No.**

Last ate of submission of bid upto Hrs.

1. Name of contractor
2. Form of EMD
3. Amount of Earnest Money Deposit
4. Date of submission of EMD and time

Signature,
Name and Designation of EMD receiving officer along with office stamp
(to be filled by EMD receiving officer)

Content:

1. Instructions for online bid submission
2. Eligibility Requirements
3. Technical Bid
4. Price Bid Undertaking and schedule / BOQ
5. Scope of work
6. Conditions
7. Special Conditions
8. List of specific make

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>.

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 II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their 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.

SEARCHING FOR TENDER DOCUMENTS

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

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/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. Bidders 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.

SUBMISSION OF BIDS

- 1) 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.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as "online" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) 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.
- 5) 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 white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

- 7) 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 openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 9) Upon the successful and timely submission of bids (ie 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.
- 10) 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.

ASSISTANCE TO BIDDERS

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

Eligibility Requirements:-

1. The bidder / contractor should have registration with CPWD/ MES/ Railways/ Delhi PWD/Delhi University in appropriate category & class.
2. The bidder should not be black listed from any authorities
3. The bidder should have the following documents
 - i. PAN Card
 - ii. Latest Income Tax Return (Assessment Year 2024-2025 or onwards)
 - iii. GST Registration
 - iv. GST Return (**From March 2026 or onwards**)
 - v. ESIC Registration along with copy of latest EPF returns/ECR (**From March 2026 or onwards**)
 - vi. EPFO Registration along with copy of latest EPF returns/ECR (**From March 2026 or onwards**)
 - vii. Registration with Labour Department from Central Govt. (Establishment profile)
 - viii. Power of attorney / Authority letter in case person other than the bidder has signed the tender documents.
4. Technical bid and price bid undertaking form should be duly filled in.
5. The bidder/ contractor should submit the Tender Fee and Earnest Money Deposit as per the details given in the NIT. The scanned copy of acknowledgement /receipt of online payment should be uploaded along with other documents.
6. The bidder should upload the scanned copies of all the documents during online bid submission.
7. The official of DU shall visit the site of works carried out by agency before opening the financial bid
8. The bidder/contractor should upload the copy of three similar works each of value not less than 40% or two similar works each costing not less than 60% one similar work of value not less than 80% of this tender value i.e. on **Rs.8,75,332** /- executed in last 7 years ending provision day of last date of submission of bids

Technical Bid Documents:

Scanned copies (true copies) of the following documents are to be uploaded / furnished by the bidder / contractor along with Technical Bid

1. Copy of registration with CPWD/ MES/ Railways/ Delhi PWD /Delhi University in appropriate category & class.
2. Undertaking stating the bidder/ contractor has not been black listed from any authorities.
3. Copies of the following documents.
 - i. PAN Card
 - ii. Latest Income Tax Return / Clearance (Assessment Year 2024-2025 or onwards)
 - iii. GST Registration
 - iv. GST Return **(From March 2026 or onwards)**
 - v. ESIC Registration and latest return/ ECR **(From March 2026 or onwards)**
 - vi. EPFO Registration and latest return/ ECR **(From March 2026 or onwards)**
 - vii. Registration with Labour Department from Central Govt. (Establishment profile)
 - viii. Power of attorney / Authority letter in case person other than the bidder has signed the tender documents.
 - ix. Price Bid Undertaking duly filled and signed.
 - x. **Copy of acknowledgement /receipt of online for payment of tender fees.**
 - xi. The official of DU shall visit the site of works carried out by agency before opening the financial bid
 - xii. The bidder / contractor should upload the copy of three similar works each of value not less than 40% or two similar works each costing not less than 60% one similar work of value not less than 80% of this tender value i.e. on Rs.8,75,332/- executed in last 7 years ending provision day of last date of submission of bids

N.B. The bidder / contractor who fail to comply with any of the above requirements / documents will be disqualified and their financial bid will not be considered / opened.

PRICE BID

- (a) Price bid undertaking
- (b) Schedule of price bid in the form of BOQ_XXXX .xls

PRICE BID UNDERTAKING

From: (Full name and address of the Bidder) _____

To,

Dear Sir/Madam,

1. I submit the Price Bid for **“Repair and renovation of residential quarters D-4 Maurice Nagar, University of Delhi including terrace water proofing , painting works, repair of damaged plaster with seepage removal treatment, replacement of sanitary fittings and fixture and other allied works and related activities as envisaged in the Bid document.**
2. I have thoroughly examined and understood all the terms and conditions as contained in the Bid document, and agree to abide by them.
3. I offer to work at the rates as indicated in the price Bid, BOQ inclusive of all applicable taxes.
4. I am / we are not blacklisted in any authorities/ Departments.

Yours Faithfully,

Signature of the Authorized Representative

[Validate](#)[Print](#)[Help](#)[Page BoQ](#)

Tender Inviting Authority: Engineering Department, University of Delhi.

Name of Work: Repair and renovation of residential quarters D-4 Maurice Nagar, University of Delhi including terrace water proofing , painting works, repair of damaged plaster with seepage removal treatment, replacement of sanitary fittings and fixture and other allied works

Contract No: CE/ET- 85 /DU/M- 53 (2026-27) dated:- 19-05-2026

**Bidder
Name :**

PRICE SCHEDULE

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

| NUMBER # | TEXT # | NUMB ER # | TEXT # | NUMB ER | NUMBER # | TEXT # |
|------------|---|--------------|-----------|-----------------------|-----------------|--|
| Sl. No. | Item Description | Quant ity | Units | Estima ted Rate | TOTAL AMOUNT | TOTAL AMOUNT In Words |
| 1 | 2 | 4 | 5 | 6 | 53 | 55 |
| 1 | Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete | 620 | sqm | 24.47 | 15171.40 | INR Fifteen Thousand One Hundred & Seventy One and Paise Forty Only |
| 2 | Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. | 372 | sqm | 151.84 | 56484.48 | INR Fifty Six Thousand Four Hundred & Eighty Four and Paise Forty Eight Only |
| 3 | Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. Two coats | 360 | sqm | 133.74 | 48146.40 | INR Forty Eight Thousand One Hundred & Forty Six and Paise Forty Only |

| | | | | | | |
|----|--|-----|-------|---------|-----------------|--|
| 4 | Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer | 360 | sqm | 71.95 | 25902.00 | INR Twenty Five Thousand Nine Hundred & Two Only |
| 5 | Finishing walls with Acrylic Smooth exterior paint of required shade : Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface | 260 | sqm | 117.49 | 30547.40 | INR Thirty Thousand Five Hundred & Forty Seven and Paise Forty Only |
| 6 | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work | 250 | sqm | 100.02 | 25005.00 | INR Twenty Five Thousand & Five Only |
| 7 | Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. | 3 | each | 1564.54 | 4693.62 | INR Four Thousand Six Hundred & Ninety Three and Paise Sixty Two Only |
| 8 | Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 32 mm dia | 5 | each | 116.32 | 581.60 | INR Five Hundred & Eighty One and Paise Sixty Only |
| 9 | Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall 20 mm dia nominal bore | 15 | metre | 425.49 | 6382.35 | INR Six Thousand Three Hundred & Eighty Two and Paise Thirty Five Only |
| 10 | Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore | 8 | each | 493.12 | 3944.96 | INR Three Thousand Nine Hundred & Forty Four and Paise Ninety Six Only |
| 11 | Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than | 4 | each | 777.38 | 3109.52 | INR Three Thousand One Hundred & Nine and Paise Fifty Two Only |

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|----|---|----|------|---------|-----------------|--|
| | 690 gms : 15 mm nominal bore | | | | | |
| 12 | Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore | 6 | each | 558.79 | 3352.74 | INR Three Thousand Three Hundred & Fifty Two and Paise Seventy Four Only |
| 13 | 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand) | 30 | sqm | 337.68 | 10130.40 | INR Ten Thousand One Hundred & Thirty and Paise Forty Only |
| 14 | Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge. With cement mortar 1:4 (1 cement : 4 fine sand) | 30 | sqm | 532.62 | 15978.60 | INR Fifteen Thousand Nine Hundred & Seventy Eight and Paise Sixty Only |
| 15 | Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete. | 10 | sqm | 1082.66 | 10826.60 | INR Ten Thousand Eight Hundred & Twenty Six and Paise Sixty Only |
| 16 | Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all | 8 | each | 417.51 | 3340.08 | INR Three Thousand Three Hundred & Forty and Paise Eight Only |

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|----|---|------|------|---------------|-----------------|--|
| | complete as per the direction of the Engineer-in-charge | | | | | |
| 17 | Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below | 3 | each | 357.29 | 1071.87 | INR One Thousand & Seventy One and Paise Eighty Seven Only |
| 18 | Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Second class teak wood | 0.12 | cum | 13909 0.06 | 16690.81 | INR Sixteen Thousand Six Hundred & Ninety and Paise Eighty One Only |
| 19 | Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws | 6 | sqm | 3380.0 6 | 20280.36 | INR Twenty Thousand Two Hundred & Eighty and Paise Thirty Six Only |
| 20 | Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured). | 6 | sqm | 449.87 | 2699.22 | INR Two Thousand Six Hundred & Ninety Nine and Paise Twenty Two Only |
| 21 | Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or | 6 | each | 64.46 | 386.76 | INR Three Hundred & Eighty Six and Paise Seventy Six Only |

| | | | | | | |
|----|---|----|------|--------|----------------|---|
| | shade, with necessary screws etc. complete : 125 mm | | | | | |
| 22 | Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : 300x16 mm | 3 | each | 295.06 | 885.18 | INR Eight Hundred & Eighty Five and Paise Eighteen Only |
| 23 | Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete: Twin rubber stopper | 10 | each | 70.40 | 704.00 | INR Seven Hundred & Four Only |
| 24 | Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 200x10 mm | 10 | each | 97.01 | 970.10 | INR Nine Hundred & Seventy and Paise Ten Only |
| 25 | Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more. | 20 | cum | 480.76 | 9615.20 | INR Nine Thousand Six Hundred & Fifteen and Paise Twenty Only |

| | | | | | | |
|----|---|----|-----|---------|-----------------|---|
| 26 | Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth. | 15 | sqm | 729.07 | 10936.05 | INR Ten Thousand Nine Hundred & Thirty Six and Paise Five Only |
| 27 | 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 : 6.4.1 Cement mortar 1:4 (1 cement : 4 coarse sand) | 2 | cum | 9092.05 | 18184.10 | INR Eighteen Thousand One Hundred & Eighty Four and Paise Ten Only |
| 28 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : | | | | | |
| 29 | 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources) | 4 | cum | 7665.78 | 30663.12 | INR Thirty Thousand Six Hundred & Sixty Three and Paise Twelve Only |
| 30 | 1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources) | 4 | cum | 6342.60 | 25370.40 | INR Twenty Five Thousand Three Hundred & Seventy and Paise Forty Only |

| | | | | | | |
|----|---|---|------|-------------|----------------|--|
| 31 | Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design: 19.4.1 100x100 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 | 2 | each | 2631.6 2 | 5263.24 | INR Five Thousand Two Hundred & Sixty Three and Paise Twenty Four Only |
| 32 | Dismantling of road gully chamber of various sizes including C.I. grating with frame including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead including refilling the excavated gap. | 2 | each | 932.86 | 1865.72 | INR One Thousand Eight Hundred & Sixty Five and Paise Seventy Two Only |
| 33 | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. 15.2.1 Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) | 4 | cum | 2368.5 3 | 9474.12 | INR Nine Thousand Four Hundred & Seventy Four and Paise Twelve Only |
| 34 | Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : 100 mm inlet and 100 mm outlet Sand cast iron S&S as per IS: 3989 | 2 | each | 1942.5 9 | 3885.18 | INR Three Thousand Eight Hundred & Eighty Five and Paise Eighteen Only |

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|----|---|----|-----|-------------|------------------|---|
| 35 | <p>Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. Finishing</p> | 95 | sqm | 1639.1 2 | 155716.40 | INR One Lakh Fifty Five Thousand Seven Hundred & Sixteen and Paise Forty Only |
|----|---|----|-----|-------------|------------------|---|

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|----|---|----|-----|--------|-----------------|--|
| | <p>the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge : With average thickness of 120 mm and minimum thickness at khurra as 65 mm.</p> | | | | | |
| 36 | Demolishing brick tile covering in terracing including stacking of serviceable material and disposal of unserviceable material within 50 metres lead. | 95 | sqm | 102.51 | 9738.45 | INR Nine Thousand Seven Hundred & Thirty Eight and Paise Forty Five Only |
| 37 | Demolishing mud phaska in terracing and disposal of material within 50 metres lead. | 15 | cum | 889.61 | 13344.15 | INR Thirteen Thousand Three Hundred & Forty Four and Paise Fifteen Only |

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|----|--|---|------|----------|-----------------|--|
| 38 | Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests | 1 | each | 6584.68 | 6584.68 | INR Six Thousand Five Hundred & Eighty Four and Paise Sixty Eight Only |
| 39 | Providing and fixing floor mounted, white vitreous china single piece, double traps syphonic water closet of approved brand/make, shape, size and pattern including integrated white vitreous china cistern of capacity 10 litres with dual flushing system, including all fittings and fixtures with seat cover, cistern fittings, nuts, bolts and gasket etc including making connection with the existing P/S trap, complete in all respect as per directions of Engineer-in- charge. | 1 | each | 17721.15 | 17721.15 | INR Seventeen Thousand Seven Hundred & Twenty One and Paise Fifteen Only |
| 40 | Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the | 8 | each | 290.20 | 2321.60 | INR Two Thousand Three Hundred & Twenty One and Paise Sixty Only |

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|-------|--|--------|------|--------|-----------------|---|
| | outlet complete. | | | | | |
| 41 | Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. M.S. tube | 300.00 | kg | 167.94 | 50382.00 | INR Fifty Thousand Three Hundred & Eighty Two Only |
| 42 | Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. | 500.00 | litr | 10.70 | 5350.00 | INR Five Thousand Three Hundred & Fifty Only |
| 43 | Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore | 4.00 | each | 652.35 | 2609.40 | INR Two Thousand Six Hundred & Nine and Paise Forty Only |
| 44 | 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. 110 mm diameter | 15.00 | mtr | 367.21 | 5508.15 | INR Five Thousand Five Hundred & Eight and Paise Fifteen Only |
| 45 | 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 | | | | | |
| 45.01 | Single tee without door 110x110x110 mm | 4.00 | each | 215.37 | 861.48 | INR Eight Hundred & Sixty One and Paise Forty Eight Only |

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|-------|---|-------|------|---------|-----------------|---|
| 45.02 | Bend 87.5° 110 mm bend | 4.00 | each | 146.29 | 585.16 | INR Five Hundred & Eighty Five and Paise Sixteen Only |
| 46 | Surface dressing of the ground including removing vegetation and in equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. All kinds of soil | 50.00 | sqm | 33.23 | 1661.50 | INR One Thousand Six Hundred & Sixty One and Paise Fifty Only |
| 47 | Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps | 1.00 | each | 2577.33 | 2577.33 | INR Two Thousand Five Hundred & Seventy Seven and Paise Thirty Three Only |
| 48 | Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick | 20.00 | sqm | 1895.65 | 37913.00 | INR Thirty Seven Thousand Nine Hundred & Thirteen Only |
| 49 | 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 62x19 mm beading of second class teak wood and priming coat with approved steel primer all complete. | | | | | |
| 49.01 | With 2nd class teak wood beading 62X19 mm | 6 | sqm | 1273.02 | 7638.12 | INR Seven Thousand Six Hundred & Thirty Eight and Paise Twelve Only |
| 49.02 | With 12 mm mild steel U beading | 4 | sqm | 913.84 | 3655.36 | INR Three Thousand Six Hundred & Fifty Five and Paise Thirty Six Only |

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|----|---|----|-------|-------------|-----------------|--|
| 50 | Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete. | 6 | sqm | 2291.1 2 | 13746.72 | INR Thirteen Thousand Seven Hundred & Forty Six and Paise Seventy Two Only |
| 51 | Providing and fixing G.I. chain link fabric fencing of required width in mesh size 25x25 mm made of G.I. wire of dia 3 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. | 20 | sqm | 1118.2 2 | 22364.40 | INR Twenty Two Thousand Three Hundred & Sixty Four and Paise Forty Only |
| 52 | Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets : 25 mm dia (heavy type) | 15 | metre | 181.37 | 2720.55 | INR Two Thousand Seven Hundred & Twenty and Paise Fifty Five Only |
| 53 | Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866.The sheets shall be opaque or translucent, clear or pigmented, textured or | 40 | sqm | 1212.0 2 | 48480.80 | INR Forty Eight Thousand Four Hundred & Eighty and Paise Eighty Only |

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|-------------------------------|--|--------|--------------------|--------|----------------------|--|
| | smooth as specified. 2 mm thick flat | | | | | |
| 54 | Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) : Treatment of existing masonry using chemical emulsion @ one litre per hole at 300 mm interval including drilling holes at 45 degree and plugging them with cement mortar 1:2 (1 cement : 2 coarse sand) to the full depth of the hole : With Chlorpyriphos/ Lindane E.C. 20% with 1% concentration | 50.034 | mtr | 41.84 | 2093.42 | INR Two Thousand & Ninety Three and Paise Forty Two Only |
| 55 | Providing and fixing uplasticised PVC connection pipe with brass unions : 30 cm length 15 mm nominal bore | 6 | each | 82.71 | 496.26 | INR Four Hundred & Ninety Six and Paise Twenty Six Only |
| 56 | Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge. | 2 | each | 339.72 | 679.44 | INR Six Hundred & Seventy Nine and Paise Forty Four Only |
| 57 | Polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete as per the direction of Engineer-in Charge | 90 | sqm | 226.00 | 20340.00 | INR Twenty Thousand Three Hundred & Forty Only |
| 58 | P/f pidicrete MPB (1coat) & pidifin 2 K (2 coat) coating over brick wall as directed by Engineer-in Charge. | 30.00 | sqm | 590.00 | 17700.00 | INR Seventeen Thousand Seven Hundred Only |
| Total in Figures | . | | | | 875332.10 | INR Eight Lakh Seventy Five Thousand Three Hundred & Thirty Two and Paise Ten Only |
| Quoted Rate in Figures | | | Selec t | | 0.00 | INR Zero Only |
| Quoted Rate in Words | | | | | INR Zero Only | |

Scope of work:-

1. Painting works
2. Plaster works
3. Water proofing
4. Brick works

CONDITIONS

Name of Work:- : **Repair and renovation of residential quarters D-4 Maurice Nagar, University of Delhi including terrace water proofing , painting works, repair of damaged plaster with seepage removal treatment, replacement of sanitary fittings and fixture and other allied works**

1. All materials to be used on the work shall be of reputed makes/ISI marked, as per the sample approved by the Engineer In charge.
2. If the agency fail to complete the work within the specified /schedule time. The University reserve the right to reject their bid
3. Time allowed for the work from the day after the date of written order to commence the work will be **45 days**
4. Water and electricity required for the work will be allowed to the contractor for use and 1.5% of the full cost of work done will be recovered
5. Cement required for the works will have to be arranged by the contractor, and his own cost.
6. All taxes as applicable shall be deducted from the bills of contractors.
7. The contractor will have to get samples of material and all fittings approved by the Engineer-in-Charge or his representative before using them at site.
8. The successful contractor will have to execute or agreement with the University Authorities on the University Printed Form which can be seen before tendering in the office of the undersigned. Clause 10 CC shall not be applicable for this work.
9. Before tendering, the bidder shall visit the site and satisfy himself as to the local conditions, the accessibility of the site of full extent and implication of the operation, the nature of the ground and supply conditions affecting labour and execution of the contract. No claim on these issues will be entertained.
10. Inconvenience of Public: The Contractor shall not deposit materials on any site which will cause inconvenience to the public. The contractor may require to remove any materials which are considered to be dangerous or inconvenient to the public or cause them to be removed, at the contractor's cost as per direction of Engineer-in-charge. Works must be executed as per prevailing rules norms and guidelines of all statutory authorities.
11. In case of error in description of any DSR item given in the attached schedule, the description given in the CPWD schedule of rates 2023 shall be final & no claim on account of error shall be entertained.
12. All existing services and ground of the plot (like storm water drains, water supply lines, sewer lines and approach roads etc.) will be kept by contractor in good order. Any damage to lawns, services, existing structure etc. during execution of work will have to be made good by the contractor at his own cost.
13. The contractor will co-operate with the other agencies working at the site/or in the surrounding area.
14. The successful contractor or his representative should be made available at work site execution every day during the execution of the work who will receive day to day instructions from the Engineer-In-Charge or his representative.
15. The contractor has to make his own arrangement of T&P required for execution of the work and no claim will be admissible on this account.
16. The contractor should submit the following documents along with the tender:

- (a) Registration in Labour Department from Central Govt.
(b) Registration with (a) EPFO (b) ESIC.
17. The contractor shall obtain a valid license under the Contract Labour (R & A) Act, 1970 and the Contract Labour (Regulation and Abolition) Central Rules, 1971, before the commencement of the work and continue to have a valid license until the completion of the work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986. The contractor shall also comply with the provisions of the building and the other construction workers (Regulation of Employment & Conditions of Service) Act, 1996 and the building and other Construction Workers Welfare Cess Act, 1996.
Any failure to fulfill these requirements shall attract the penal provisions of this contract arising out of the resultant non-execution of the work. No labour below the age of fourteen years shall be employed on the work.
 18. Before commencement of the work, the contractor shall submit completion program of the assigned work so as to inform the Executive Engineer in advance. The work shall be executed without inconvenience to the beneficiaries.
 19. In case the work site is not made available to the contractor according the program, no claim will be admissible on this account.
 20. All doors, windows, floors, furniture, electrical fitting and other articles shall be protected from Splashes and droppings of white/colour washing, distempering, painting etc. on wall, floors, doors, window, furniture etc. the same shall be removed by the contractor at his own cost failing which the Engineer in charge shall have the right to get this work done at the risk and cost of the contractor.
 21. The contractor shall have to get the site of work cleared during execution and / or on completion of work as per directions and to the satisfaction of Engineer in charge.
 22. Conditional tenders / quotations will not be accepted and will be rejected outright.
 23. Variation in excess of the work shall not be allowed without prior approval of the competent authority. It shall be the responsibility of the contractor to ensure that cost of the work is not increased beyond the award value.
 24. The tender shall remain open for acceptance of the period of 90 days from the date of opening of tenders. If any bidder withdraws his tender before the said period or makes any modification in the terms and conditions of the tender which are not acceptable to the University, then the University without prejudice to any right or remedy be at liberty to forfeit the earnest money.
 25. The University authorities reserve the right to reject any or all the tenders without assigning any reason.
 26. The contractor shall sign all pages of the tender documents including these conditions. Incomplete tenders are likely to be rejected.
 27. The Contractor shall be required to deposit an amount equal to 5% of the tendered value of the work as performance guarantee in the form of irrevocable bank guarantee bond of any scheduled bank or state bank of in accordance with the form prescribed or n the form of Govt. Security, fixed deposit receipt etc. as in the case of recovery of security deposit within 15 days of the issue of letter of intent but before award or work. This period can be further extended by the Engineer-In-Charge up to a maximum period of 7 days on written request of the contractor.
 28. The work is to be executed as per layout given by the Engineer-in-charge and the contractor shall restrict the work accordingly.
 29. After the award of work and agreement will be as per the general condition of contract of work of University of Delhi, which can be seen from the office of University Engineer.
 30. If the contract has not carried out the work as per the CPWD specification no claim of payment is acceptable.

31. At the time of billing the contractor will have to submit an Affidavit\undertaking regarding payment of labour has been done after the completion of work.
32. Watch and ward of the materials at site and E.I. will be the responsibility of the contractor till full testing of all the fittings are completed and handed over to the department in full and nothing extra will be paid on this account.
33. The Contractor shall be fully responsible for the safe custody and proper storage of material at site to the satisfactions of the Engineer-in-Charge for which nothing extra will be paid.
34. If any damage is done to the building during the checking existing conduit, junction boxes etc. same will have to be made good by the contractor for which nothing extra will be paid.
35. The work shall be carried out as per latest CPWD specifications with relevant IS codes for works at Delhi, with up to date correction slips unless otherwise specified in the nomenclature of the individual item of work
36. Persons executing the electrical work shall have the electrical license as required according to Indian Electricity rules
37. The board shall be rigidly fixed to the wall by means of bolts and nuts without causing damaged to the buildings.
38. All electric connection shall have to be done by the contractor and installation energized and set in working order before they can be accepted by Engineer-in Charge.
39. The contractor will be fully responsible for any accident during execution of work including third party.
40. All earth continuity conductors shall be connected to metal boards and their mountings by means suitable lugs (Crimping type)
41. The Arbitration shall be conducted in accordance with the provisions of the arbitrator and conciliation Act, 1996 (26 of 1996) or any statutory modifications or reenactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding. It is also a term of the contract that, if any fees are payable to the arbitrator these shall be paid equally by both the parties
42. The agency will have the insurance policy of the workers and third party for the minimum period of one year /contract period whichever is later
43. CPWD norms/ amendment issued time to time will be followed rigidly in toto for extra item/ deviation/ Substituted items etc.

(Executive Engineer)

SPECIAL CONDITION

Clause 12 shall be read as under:

CLAUSE 12. The Engineer -in charge shall have power to make any alterations in , omissions from, additions to or substitutions for , the original specifications , drawings, designs and instructions, that may appear to him to be necessary during the progress of the work , and the contractor shall carry out the work in accordance with and instructions which may be given to him in writing signed by the Engineer -in charge , and such alterations, omissions, additions or substitutions shall not invalidate the contract and any altered , additions or substituted work which the contractor may be directed to do in the manner above specified as part of the work shall be carried out by the contractor on the same conditions in all respects on which he agreed to do the main work. The time of the completion of the work shall be extended in the proportion that the altered, additional or substituted work bears to the original contract work, and the certificate of the Engineer -in charge shall be conclusive as to such to proportion. Over and above this, a further period to the extent of 25 per cent of the time as extended shall be allowed to the contractor. The rates for such additional, altered or substituted work under this clause shall be worked out accordance with the following provisions in their respective order:

- (i) If the rates for the additional , altered , substituted work are specified in the contract for the work, the contractor is bound to carry out the additional , altered or substituted work, at the same rates are as specified in the contract for the work .
- (ii) If the rates for the additional, altered, substituted work are not specifically provided in the contract for the work, the rates will be derived from rates for a similar class of work as are specified in the contract for the work.
- (iii) If the altered , additional or substituted work includes any work for which no rates is specified in the contract for the work cannot be derived from the similar class of work in the contract , than such work shall be carried out the rates entered in C.P.W.D. Schedule of Rates for Delhi 2023 Minus/ plus which the total Bidder amount bears to the estimated cost of the entire work put to tender.
- (iv) If the rates for the altered , additional or substituted work cannot be determined in the manner specified in sub- clause (i) to (iv)above then the contractor shall, within 7 days of the date of receipt of order to carry out the work , inform the Engineer - In charge of the rate which it is his intention to charge for such class of work, supported by analysis of the rate or rates claimed, and the Engineer - in charge shall determine the rate or rates on the basis of prevailing market rates, and pay the contractor accordingly. However the Engineer - in charge by notice in writing, will be at liberty to cancel his order to carry out such class of work and arrange to carry it out in such manner as he may consider advisable . But under no circumstances, the contractor shall suspend the work on the plea of non- settlement of rates of items falling under the clause.
- (v) CPWD norms/ amendment issued time to time will be followed rigidly in toto for extra item/ deviation/ Substituted items etc.

(Executive Engineer)

**LIST OF RECOMMENDED MAKES OF MATERIAL
(CIVIL WORK)**

The materials of the following make of first/ standard quality shall only be used in the work. In case of is established through that the brands specified below are not available in the market, the contractor shall submit proposal for alternative make for the approval of the University Engineer. However, tests prescribed in CPWD specifications with upto date correction slips should be carried out in all cases.

| No. | Material Name | Manufacturers/Model/Make Name |
|-----|--|---|
| | CONCRETE/ RCC WORK | |
| 1 | CEMENT (Ordinary Portland Cement and Cement (P.P.C.) 43 Grade) | ACC, AMBUJA, ULTRATECH, JK CEMENT, BIRLA, WONDER, SHREE |
| 2 | READY MIXED CEMENT CONCRETE | ACC, ULTRA TECH, NDCON, SHRI RAM RMC, NUVOCO, VK RMC or any other RMC Plant with BIS Certification in accordance to IS 4926 (latest edition) to be approved by Engineer-in-Charge after inspection of facility. |
| 3 | ADMIXTURES FOR PCC/RCC/MORTAR | FOSROC, SIKA, BASF, MAPEI, CHRYSO (SAINT GOBAIN) |
| 4 | WHITE CEMENT | BIRLA WHITE, J.K. WHITE, ULTRA TECH |
| 5 | CURING COMPOUND | FOSROC, SIKA, CICO, BASF |
| 6 | EXPANSION JOINTS | VEXCOLT, SANFIELD, BIZZAR, MIGUA, HERCULES |
| 7 | STEEL (TMT FE-500D or OTHER GRADE) | TATA STEEL LTD., RINL, JINDAL STEEL & POWER LTD (PANTHER), JSW STEEL LTD (NEO), SAIL. |
| 8 | STRUCTURAL STEEL SECTIONS INCLUDING HOLLOW SECTIONS | TATA, JINDAL STEEL & POWER LTD, RINL, SAIL, APL APOLLO |
| 9 | STEEL SECTION FOR DOOR/WINDOW FRAME | TATA, JINDAL STEEL & POWER LTD, APL APOLLO |
| 10 | S.S. STAIRCASE RAILING | DORMA, JINDAL LIFESTYLE, DORSET, TECHNORAIL, RINOX, KICH |
| 11 | CLAMP SYSTEM FOR STONE CLADDING | HILTI, FISHER, BOSCH, AXEL, WUERTH |
| 12 | DASH, ANCHORING FASTENERS | HILTI, FISCHER, BOSCH, AXEL, WUERTH |
| 13 | HIGH TENSILE STEEL TENDONS FOR PT WORK | TATA, USHA MARTIN, DP WIRES |
| 14 | WELDING RODS | ADVANI, ESAB, ADOR |
| 15 | REBARRING CHEMICAL | FOSROC, 3M INDIA, WUERTH, HILTI |
| 16 | AAC BLOCK ADHESIVE | WEBER (WEBERWALL JOINSBOND), ULTRATECH (XTRALITE), MYK LATICRETE, FERROUSCRETE |
| 17 | AAC BLOCKS | ULTRATECH, BUILTECH, MAGICRETE, R.S. GREEN, AEROCON, FINECRETE, CLAVECON, FERROUSCRETE |
| 18 | STONE ADHESIVE | ARDEX ENDURA, WEBER, MYK LATICRETE, MAPEI, FERROUSCRETE |
| 19 | STONE SURFACE SEALER/IMPREGNATION & CLEANING AGENTS | ARDEX ENDURA, WEBER, MYK LATICRETE, MAPEI |
| 20 | POLYMER MODIFIED MORTAR | SIKA, FOSROC, MYK ARMENT, ULTRATECH, WEBER, FERROUSCRETE |
| 21 | MICRO CONCRETE | SIKA, FOSROC, BASF, MYK ARMENT, ULTRATECH, FERROUSCRETE |
| 22 | GRC JALI | UNISTONE, BIRLA WHITE, DALAL |
| 23 | EXPOSED BRICKWORK BRICKS | JINDAL MECHNO BRICKS, THE BRICKSTORE (JAYJALARAM BRICKS), UNISTONE, PRAYAG CLAY PRODUCTS (VARANASI) |
| 24 | FACTORY HOT PRESSED LAMINATED/FACTORY VENEERED POLISHED DOOR | GREEN, DURO, CENTURY, GREENLAM, GREENPANEL, MERINO |
| 25 | FLUSH DOOR (BLOCKBOARD CONSTRUCTION) | GREEN, DURO, CENTURY, GREENLAM, GREENPANEL, MERINO, ARCHIDPLY |
| 26 | VENEERED/LAMINATED PARTICLE BOARD/MDF/HDF/HDHMR BOARD | GREEN, GREENLAM, GREENPANEL, CENTURY, BHUTAN TUFF, MERINO, ARCHIDPLY |
| 27 | BLOCK BOARD, PLYWOOD (PINE | GREEN, DURO, CENTURY, MERINO, ARCHIDPLY, BHUTAN |

| | | |
|----|--|--|
| | BOARD) | TUFF |
| 28 | LAMINATE/HPL/COMPACT LAMINATE | EURO DÉCOR, GREENLAM, CENTURY, MERINO |
| 29 | VENEERED PLY | EURO DÉCOR, CENTURY, DURO, GREEN, GREEN LAM, GREEN PANEL, MERINO, ARCHIDPLY, BHUTAN TUFF |
| 30 | SS 316 HARDWARE/FITTINGS/JOINERIES FOR DOOR WINDOWS, WARDROBES, MODULAR KITCHENS | DORMA, HAFELE, HETTICH, GEZE |
| 31 | SS 304 HARDWARE/FITTINGS/JOINERIES FOR DOOR WINDOWS, WARDROBES | DORSET, HETTICH, GEZE, DORMA, HAFELE |
| 32 | HYDRAULIC DOOR CLOSER, FLOOR SPRING | DORMA, HAFELE, YALE, DORSET |
| 33 | WOOD ADHESIVE | FEVICOL, 3M, SIKA |
| 34 | FIRE CHECK DOOR (ALL TYPES) | SHAKTI HORMANN, PACIFIC, SUKRI, TATA PRAVESH, BHAWANI FIRE, PYROTECH, SAINT GOBAIN, NAVAIR |
| 35 | FIRE RESISTANT (WIRED/INTUMESCENT GEL) GLASS | GOBAIN, GLAVER BEL, SCHOTT, PYROGUARD, AIS PYROBEL |
| 36 | DOOR FITTINGS & HARDWARE FOR FIRE CHECK DOORS (DOOR CLOSER, PANIC BAR, PANIC TRIM, HINGES, MORTISE DEAD LOCK, HANDLE, FLUSH BOLT, DOOR COORDINATER ETC.) | DORMA, HEFELE, GEZE, HORMANN |
| 37 | INTUMESCENT FIRE/SMOKESEAL | ASTRO FLAME, RAVEN, SEALZ, FISCHER |
| 38 | PAINT AND PRIMER FOR FIRE CHECK DOOR | VIPER, FRS 880/FRS 881, PROMAT, NULLIFIRA, AKZO NOBEL |
| 39 | TOILET CUBICLES | GREENLAM, FUNDERMAX, CENTURY, MERINO |
| 40 | ACRYLIC SOLID SURFACE | LG HI-MACS, DUPONT CORION, NEONNEX, LUXOR (DURLAX) |
| 41 | VENETIAN/HONEYCOMB/ROLLER BLINDS & CURTAIN TRACKS, DRAPERY RODS | MAC, VISTA, DECK, HUNTER DOUGLAS, D'DÉCOR |
| 42 | WPC DOORS & FRAMES | ALSTONE, RAJSHRI, GREENPLY, CENTURY, AMULYA |
| 43 | WPC BOARDS & JALI | ALSTONE, RAJSHRI, GREENPLY, CENTURY, AMULYA |
| 44 | UPVC WINDOWS | DUROPLAST, ENCRAFT, KOMMERLING, LG-HAUSYS, PABROS |
| 45 | ACOUSTICAL WALL PANELING | ANUTONE, ECOTONE, BOLLARD, EARCONS, CREDENCE |
| 46 | VITRIFIED TILES AND CERAMIC TILES | KAJARIA, RAK, RESTILE, SOMANY, JOHNSON, KALINGA |
| 47 | COMPOSITE MARBLE/QUARTZ STONE | JOHNSON, RESTILE, KAJARIA, UNISTONE, SOMANY |
| 48 | CC CHEQUERED/TACTILE TILES | JOHNSON, RESTILE, KAJARIA, UNISTONE, SOMANY |
| 49 | TILE ADHESIVE, EPOXY/CEMENTITIOUS TILE GROUT | ARDEX ENDURA, WEBER, MYK LATICRETE, MAPEI, CHRYSO (SAINT GOBAIN), FERROUSCRETE |
| 50 | POLYSULPHIDE SEALANT | BASF, FOSROC, SIKA, MAPEI, ARDEX ENDURA, PIDILITE, CHRYSO (SAINT GOBAIN), FERROUSCRETE, MYK ARMENT |
| 51 | WOODEN FLOORING | ARMSTRONG, PERGO, MIKASA (GREENLAM), PARADOR (HIL), JUNCKERS, VISTA |
| 52 | RAISED/FALSE ACCESS FLOORING SYSTEM | UNITILE, LINDNER, UNIFLOOR, TANKARIA, TATE ACCESS FLOOR SYSTEMS |
| 53 | PVC (VINYL) FLOORING | ARMSTRONG (CCIL), WONDERFLOOR, PERGO, LG HAUSYS |
| 54 | GYPSUM BOARD | INDIA GYPSUM, LAFARGE, BORAL, GYPROC |
| 55 | CALCIUM SILICATE TILES/BOARD FALSE CEILING & FRAMING | AEROLITE, SAINT GOBAIN, HILUX, USG BORAL |
| 56 | MINERAL FIBRE/GRG FALSE CEILING SYSTEM | ARMSTRONG, GYPROC, AEROLITE, USG BORAL, DIAMOND |
| 57 | TUBULAR & METAL FALSE CEILING | HUNTER DUGLUS, ARMSTRONG, LINDNER, CREDENCE |

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| | SYSTEM | DEXUNE, DURLUM |
| 58 | ALUMINIUM BAFFLE FALSE CEILING SYSTEM | HUNTER DUGLUS, ARMSTRONG, LINDNER, DURLUM |
| 59 | WOODEN FALSE CEILING SYSTEM | ARMSTRONG, ANUTONE, ECOPHONE, EPITOME |
| 60 | DRY WALL SYSTEM-BOARD AND FRAMING | USG BORAL, GYPROC, EVEREST |
| 61 | FALSE CEILING SYSTEM-GYPSUM BOARD/TILES | GYPROC, LAFARAGE, INDIA GYPSUM, USG BORAL |
| 62 | CEMENT FIBRE BOARDS | EVEREST, BIRLA AEROCON, VISHAKHA, CENTURY (Zykron), SAINT GOBAIN |
| 63 | TENSILE FABRIC | BLUE STONE, ENCON, STRUCTURE FLEX, SAINT GOBAIN |
| 64 | WATER-PROOF CEMENT PAINT | SNOWCEM, ASIAN |
| 65 | SYNTHETIC ENAMEL PAINT | ASIAN (APCOLITE PREMIUM GLOSS/SATIN ENAMEL), ICI (DULUX GLOSS/SATIN), KANSAI NEROLAC (SYNTHETIC ENAMEL HI GLOSS/SATIN ENAMEL SMOOTH FINISH), BERGER (LUXOL HIGH GLOSS/SATIN) |
| 66 | PLASTIC/PREMIUM EMULSION PAINT | ICI (DULUX VELVET TOUCH/ DULUX SUPERCLEAN), NEROLAC (BEAUTY GOLD), ASIAN PAINTS (ROYALE LUXURY EMULSION/ROYALE MATT) |
| 67 | OIL BOUND DISTEMPER/ACRYLIC WASHABLE DISTEMPER | ASIAN PAINTS (TRACTOR EMULSION), ICI (DULUX PROMISE INTERIOR), NEROLAC (IMPRESSIONS ECOCLEAN/IMPRESSIONS IDEAZ) |
| 68 | EPOXY/PU PAINT | ASIAN, ICI, KANSAI NEROLAC |
| 69 | TEXTURED EXTERIOR PAINT | ASIAN PAINTS (APEX) ICI (WEATHER SHIELD), KANSAI NEROLAC (EXCEL) |
| 70 | EXTERIOR EMULSION/PAINT | ASIAN (ULTIMA PROTEK), ICI (DULUX WEATHERSHIELD MAX), NEROLAC (EXCEL TOTAL) |
| 71 | STEEL PRIMER/WOOD PRIMER | BERGER, NEROLAC, ASIAN, ICI |
| 72 | EXTERIOR WATERPROOFING PAINT | ASIAN, ICI, NEROLAC |
| 73 | ANTI BACTERIAL PAINT | ICI, ASIAN, BERGER |
| 74 | MELAMINE & PU POLISH | ASIAN, ICI, NEROLAC, BERGER |
| 75 | GYPSUM PLASTER | GYPROC (ELITE-90), ULTRA TECH, USG BORAL, BIRLA WHITE, FERROUSCRETE, MYK LATICRETE |
| 76 | WALL PUTTY | JK, BIRLA, ASIAN PAINTS, FERROUSCRETE |
| 77 | POWDER COATING | AKZO NOBEL, JOTUN, JENSON & NICHOLSON |
| 78 | BITUMASTIC PAINT | BERGER, SHALIMAR, NEROLAC, ASIAN |
| 79 | CC/SFRC PRECAST DRAIN COVER/KERB STONE/CHANNEL | KK, NITCO, DALAL TILES, CHELSEA, PAVECON, KJS CONCRETE, UNISTONE |
| 80 | FRP DRAIN AND MANHOLE COVER | DUDHI, ASHIRVAD, KK FRP |
| 81 | CC PAVERS/GRASS PAVER | NITCO, UNISTONE, ULTRA TILES, KJS CONCRETE, PAVECON, CHELSEA |
| 82 | THERMOPLASTIC PAINT/ROAD MARKING PAINT | NEROLAC, ASIAN, SHALIMAR, BERGER, STP LTD |
| 83 | C.P. BRASS FAUCETS, FITTINGS FOR TOILETS I/C WELLNESS PRODUCTS AND ACCESSORIES (TOWEL ROD, TOILET PAPER HOLDER, ROB HOOK, SOAP DISH HOLDER, LIQUID SOAP CONTAINER ETC) | JAQUAR, KOHLER, GROHE, ROCA, AMERICAN STANDARD |
| 84 | URINAL SENSORS, HAND DRYERS | JAQUAR, KOHLER, ROCA, EURONICS |
| 85 | PTMT FITTINGS | PRAYAG, POLYTUF, PRIMA, SUPREME |
| 86 | SS PIPES & FITTINGS FOR WATER SUPPLY | JINDAL LIFESTYLE, VIEGA, J PRESS, ALFAPRESS |
| 87 | G. I. PIPES | TATA, JINDAL HISAR, SAIL, PRAKASH SURYA |
| 88 | G. I. FITTINGS | UNIK, ICS, KS |
| 89 | D I PIPES & FITTINGS | KESORAM, ELECTROSTEEL, TATA |
| 90 | BRASS/GUNMETAL-ALL/GATE/GLOBE/NRV/FOOT/PRV-VALVES | LEADER, SANT, ZOLOTO, KIRLOSKAR |
| 91 | CI-BUTTERFLY/SLUICE/NRV/FOOT/AIR | LEADER, SANT, ZOLOTO, KIRLOSKAR |

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| | RELEASE-VALVES | |
| 92 | FLOAT VALVE (BALL TYPE) | PRAYAG, LEADER, ZOLOTO, IBP, ARCO |
| 93 | Y TYPE STRAINER | EMERALD, SANT, ZOLOTO, LEADER |
| 94 | FORGED STEEL FITTINGS/FLANGES | JOHNSON, VS FORGE, JK FORGING, TRUE FORGE, INDUS, MEC (JAINSONS) |
| 95 | PIPE HANGERS/SUPPORTS/CLAMPS | HILTI, FISCHER, EUROCLAMP, GMGR, NECO, EASYFLEX |
| 96 | MS PIPES | JINDAL HISAR, TATA, SURYA, APL APOLLO |
| 97 | C.I./D.I. MANHOLES COVERS, GRATINGS | BIC, RIF, NECO, ACO |
| 98 | PVC WATER STORAGE TANKS | SINTEX, SHEETAL, SUPREME, POLYPLAST |
| 99 | CPVC/UPVC PIPES & FITTINGS | ASHIRVAD, FINOLEX, SUPREME, ASTRAL |
| 100 | VITREOUS CHINA SANITARYWARE | KOHLER, JAQUAR, ROCA |
| 101 | STAINLESS STEEL SINKS | NILKANTH, NIRALI, ROCA, HAFELE |
| 102 | EXPOSED PVC CISTERN | KOHLER, ROCA, JAQUAR |
| 103 | CENTRIFUGAL CAST (SPUN) IRON (S&S) / HUBLESS PIPES AND FITTINGS | NECO, BIC, PAM-SAINT GOBAIN, SKF |
| 104 | CENTRIFUGALLY CAST (SPUN) IRON PIPES (CLASS LA) | NECO, BIC, PAM-SAINT GOBAIN, SKF |
| 105 | C.P. BOTTLE TRAPS | JAQUAR, ROCA, KOHLER |
| 106 | GRAB BARS AND ACCESSORIES | KOHLER/JAQUAR/EURONICS/DORMAKABA |
| 107 | SS/CP BRASS ANTI COCKROACH TRAP/GRATING FOR DRAINAGE PIPES | VIKING, JAYNA, CHILLI, KICH, EURONICS |
| 108 | STONEWARE PIPES & GULLY TRAPS | PERFECT, TAYA, PARRY, BURN, ANAND, HIND |
| 109 | RCC PIPES | LAKSHMI, SOOD & SOOD, JAIN & CO, PRAGATI CONCRETE, KK, USHA, DIWAN SPUN PIPE |
| 110 | HDPE PIPES | ASHIRVAD, SUPREME, ASTRAL |
| 111 | PVC PIPES | REX POLYEXTRUSION, SUPREME, PRINCE, SUPREME, ASHIRVAD |
| 112 | ALUMINIUM HARDWARE FITTINGS FOR ALUMINIUM WINDOWS & DOORS, FRICTION STAY HINGES ETC. | ALUALPHA, GEZE, ROTO, DR HANN, SECURISTYLE, STAC, SCHUCO |
| 113 | ALUMINIUM DOORS & WINDOWS SYSTEM FABRICATORS | JINDAL, HINDALCO, BHORUKA, KALCO, SCHUCO, TECHNAL, SAPA, SHANKAR FENESTRATIONS & GLASS (PABROS) |
| 114 | ALUMINIUM EXTRUDED SECTIONS FOR ALUMINIUM WINDOWS/DOORS | JINDAL, HINDALCO, BHORUKA |
| 115 | STRUCTURAL GLAZING/ALUMINIUM GLASS PARTITION SYSTEM | KALCO, SCHUCO, TECHNAL, SAPA, SHANKAR FENESTRATIONS & GLASS (PABROS), DORMAKABA, LINDNER, KUBIK, BOTTOMLINE, KALCO |
| 116 | EPDM GASKET | HANU, ANAND, ALP, MONA |
| 117 | SILICON GASKET | DORSET, HAFELE, JAQUAR, GODREJ, SAINT GOBAIN |
| 118 | FLOAT GLASS | SAINT GOBAIN, ASAHI, MODIGUARD SISECAM (TURKEY) |
| 119 | TOUGHENED GLASS PROCESSOR | AIS GLASS, SHANKAR TUFF, Art N GLASS, SHEESHMAHAL |
| 120 | MASKING TAPE | 3M, SUN, WONDER POLYMER |
| 121 | REFLECTIVE GLASS | SAINT GOBAIN, ASAHI (INDIA), PILKINGTON, GUARDIAN |
| 122 | LOOKING GLASS / MIRROR | ATUL, MODI GUARD, GOLDEN FISH, SAINT GOBAIN |
| 123 | ADHESIVE TAPE/STRUCTURAL SEALANT TAPE | NORTON, 3M, PENTA GUN |
| 124 | SILICON SEALANT | GE MOMENTIVE, DOW CORNING, WACKER, MAPEI, MC-BAUCHEMIE |
| 125 | ROCK WOOL/GLASS WOOL | U.P TWIGA, ROCK WOOL INDIA LTD., LLYOD LTD., ROXUL ROCKWOOL INDIA |
| 126 | FROSTED FILM | LG, 3M, GARWARE, DUPONT |
| 127 | AUTOMATIC SLIDING DOOR | SCHUCO, SAPABUILDINGSYSTEMS, EUROPEAN FAÇADEPRODUCT (EPF), DORMA KABA |
| 128 | PVC WATER STOP/SWELLABLE WATER BAR | SIKA, FOSROC, PENETRON, BASF, VELOSIT |
| 129 | PU/EPOXY/CEMENTITIOUS | LATICRETE, WEBER, MAPEI, SIKA, FOSROC, CHRYSO |

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| | GROUTING COMPOUND | (SAINT GOBAIN), VELOSIT |
| 130 | HIGH PERFORMANCE EPOXY BASED RESIN ANCHOR SYSTEM | FOSROC, FISHER, HILTI |
| 131 | EPOXY MORTAR/PUTTY | FOSROC, SIKA, BASF, LATICRETE, MAPEI, ARDEX ENDURA, CHRYSO (SAINT GOBAIN) |
| 132 | SOLVENT BASED SILICONE REPELLENT COATING | FAIRMATE, WACKER, WEBER, MYK ARMENT, MAPEI, DOW CHEMICALS, ZYDEX |
| 133 | CRYSTALLINE WATER PROFFING COMPOUND (At doses arrived after testing) | XYPEX, PENETRONE, KRYTON |
| 134 | LIQUID APPLIED PU/POLYUREA, HYBRID POLYUREA/ELASTOMERIC WATER PROOFING MEMBRANE (1 COMPONENT/2 COMPONENT) | SIKA, FOSROC, BASF, MAPEI, VELOSIT |
| 135 | HDPE/PVC BASED DRAINAGE BOARD | DANODRAIN, SIKA, FOSROC, BASF |
| 136 | HDPE WATERPROOFING MEMBRANE | SIKA, FOSROC, BASF, MAPEI, GRACE |
| 137 | APP/PVC/SBR BITUTHENE/BITUMINOUS MEMBRANES (INCLUDING SELF ADHESIVE TYPE) | FOSROC, SIKA, BASF, STP, GRACE |
| 138 | PU/EPOXY SEALANT FOR CRACKS | SIKA, FOSROC, BASF, MYK ARMENT, MAPEI, WEBER, CHRYSO (SAINT GOBAIN) |
| 139 | TWO PART ACRYLIC POLYMER MODIFIED CEMENTITIOUS ELASTOMERIC COATING AND ITS ACCESSORIES | LATICRETE, WEBER, MAPEI, SIKA, FOSROC, CHRYSO (SAINT GOBAIN), VELOSIT |