

**ENGINEERING DEPARTMENT  
SOUTH DELHI CAMPUS  
UNIVERSITY OF DELHI  
NEW DELHI-110021**

REF.NO. EE/

/DU(SDC)/M-3 (2025-26)

Dated-

**NOTICE INVITING e-TENDER**

1. Online bids are invited from the registered contractor with C.P.W.D./M.E.S./ Railways/Delhi PWD/Delhi University in two bid systems for “**Repair and renovation of ground floor ladies, gents toilet and pantry area at IIC department, SDC, University of Delhi.**” Manual / Offline bids will not be accepted.
2. Tender documents may be downloaded from Delhi University website [www.du.ac.in](http://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.

<b>Publishing Date</b>	05.05.2026 (1.00 p.m.)
<b>Bid Document Download / Sale Start Date</b>	05.05.2026 (1.00 p.m.)
<b>Estimate Cost</b>	<b>Rs. 17,88,600/-</b>
<b>EMD</b> <b><u>(The EMD should be submitted in the Engineering Office, SDC, University of Delhi before the last date and time of submission of bid over e-portal.</u></b>	<b>Rs. 35,772/-</b>
<b>Tender Fee</b>	<b>Rs.500/-</b>
<b>Completion Time</b>	<b>90 Days</b>
<b>Bid Submission start date</b>	05.05.2026 (1.00 p.m.)
<b>Bid Submission end date</b>	19.05.2026 (3.00 p.m.)
<b>Technical Bid Opening date</b>	20.05.2026 (3.00 p.m.)
<b>Financial Bid Opening Date</b>	<b>To be intimated later on website</b>

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 contactor 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.

- 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 tempered/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.
- Intending Bidders are advised to visit University of Delhi website [www.du.ac.in](http://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.
- 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

Mobil   
e Fee

Item Count  (Item count should always be 1)

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

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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 submit the EMD of **Rs. 35,772/-** to the Engineering Department, SDC, University of Delhi, 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 “Director, University of Delhi South Campus 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 Engineering Department, SDC, University of Delhi, New Delhi-110021 in the prescribed Performa attached as below)

### Receipt of deposition of original EMD

Receipt no. .... / date .....

1. Name of work :\_Repair and renovation of ground floor ladies, gents toilet and pantry area at IIC department, SDC, University of Delhi.
2. Estimated cost: Rs.17,88,600/-
3. EMD Cost :Rs. 35,772/-
4. Tender ID No.
5. Ref. No.

Last date of submission of bid ..... up to ..... 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 makes

## **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.

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## 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 2025-2026 or onwards)
  - iii. GST Registration
  - iv. Latest GST Return **(From Dec. 2025 or onwards)**
  - v. ESIC Registration along with copy of latest EPF returns/ECR **(From Dec. 2025 or onwards)**
  - vi. EPFO Registration along with copy of latest EPF returns/ECR **(From Dec. 2025 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% or one similar work of value not less than 80% of this tender value i.e. on Rs. 17,88,600/- 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 2025-2026 or onwards)
  - iii. GST Registration
  - iv. Latest GST Return **(From Dec. 2025 or onwards)**
  - v. ESIC Registration and latest return/ ECR **(From Dec. 2025 or onwards)**
  - vi. EPFO Registration and latest return/ ECR **(From Dec. 2025 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% or one similar work of value not less than 80% of this tender value i.e. on Rs. **17,88,600/-** 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.**

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**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 ground floor ladies, gents toilet and pantry area at IIC department, SDC, University of Delhi.**” 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**

**UNIVERSITY OF DELHI**

**ANNEXURE-III**

**FINANCIAL BID**

**Subject:- Repair and renovation of ground floor ladies, gents toilet and pantry area at IIC department, SDC, University of Delhi.**

SLNo	Description	Qty	Unit	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	5	cum	286.85	1434.25
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 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)	2	cum	7365.15	14730.30
3	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)	6	cum	6326.05	37956.30
4	Reinforced cement concrete work in beams, suspended foors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 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).	3	cum	10719.30	32157.90
5	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform	20	sqm	766.55	15331.00
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	600	kg	89.65	53790.00
7	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	3	cum	6658.25	19974.75
8	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 : Cement mortar 1:6(1 cement: 6 coarse sand)	6	cum	8288.35	49730.10
9	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	20	sqm	1018.05	20361.00
10	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	20	sqm	86.45	1729.00
11	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels. Granite stone slab of colour black, Cherry/Ruby red Area of slab over 0.50 sqm	20	sqm	4425.35	88507.00
12	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	5	metre	475.55	2377.75
13	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	4	each	808.15	3232.60
14	Providing and fixing 75 mm high, 50 mm deep and 18 mm thick stone slab table rubbed, edges rounded and polished, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth. Granite Stone of approved shade	5	sqm	3542.85	17714.25

15	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	100	sqm	1063.45	106345.00
16	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	9	sqm	1881.95	16937.55
17	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).	9	sqm	401.40	3612.60
18	Providing 40x5 mm flat iron hold fast 400 mm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 300x100x150 mm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	48	each	194.35	9328.80
19	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	4	each	723.80	2895.20
20	Providing and fixing bright finished brass 100 mm mortice latch with one dead bolt and a pair of lever handles of approved quality with necessary screws etc. complete.	4	each	603.40	2413.60
21	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	4	each	109.60	438.40
22	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	4	each	856.30	3425.20
23	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	4	each	260.30	1041.20
24	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 : 250x16 mm	4	each	234.90	939.60
25	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 : 250x10 mm	8	each	104.40	835.20
26	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 : 150x10 mm	12	each	75.55	906.60
27	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 : 100x10 mm	12	each	58.65	703.80
28	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm	16	each	60.05	960.80
29	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality. 1.0 mm thick	20	sqm	764.00	15280.00
30	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	50	kg	142.30	7115.00
31	Providing and fixing stainless steel ( Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	150	kg	612.25	91837.50

32	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Glazed Vitrified tiles Matt/Antiskid finish of size Size of Tile 600 x 600 mm	60	sqm	1311.05	78663.00
33	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge. Size of Tile 600x600 mm	60	sqm	258.65	15519.00
34	Deduct for not grouting the joints with white cement and matching pigment in the items of fixing of vitrified tiles.	60	sqm	11.70	702.00
35	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 outlet complete.	4	each	266.60	1066.40
36	Providing and fixing M.S. holder bat clamps of approved design to C.I. or S.C.I. rain water pipes embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and cost of cutting holes and making good the walls etc. : 100 mm diameter	6	each	308.45	1850.70
37	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	12	metre	319.75	3837.00
38	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. Single tee with door 110x110x110 mm	2	each	205.45	410.90
39	Bend 87.5° 110 mm bend	2	each	132.00	264.00
40	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 rovings 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 smooth as specified. 2 mm thick corrugated (2.5" or 4.2" or 6") or step-down (2" or 3" or 6" ) as specified	2.5	sqm	1179.25	2948.13
41	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main 'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to form grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24x3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calicum silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all Tsections shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge. Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm. The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/mK.	55	sqm	1718.70	94528.50
42	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	150	sqm	282.00	42300.00

43	15 mm cement plaster on rough side of single or half brick wall of mix: 1:6 (1 cement: 6 coarse sand)	80	sqm	339.10	27128.00
44	6 mm cement plaster of mix: 1:3 (1 cement :3 fine sand)	70	sqm	253.05	17713.50
45	Distemping with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer, of required shade and colour complete, as per manufacture's specification Two or more coats on new work	200	sqm	92.75	18550.00
46	Finishing walls with Acrylic Smooth exterior paint of required shade . New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm	150	sqm	166.85	25027.50
47	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	50	sqm	131.45	6572.50
48	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.	200	sqm	123.85	24770.00
49	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.	250	sqm	20.85	5212.50
50	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)	5	sqm	462.30	2311.50
51	emolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	6	cum	1239.60	7437.60
52	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. In cement mortar	3	cum	1698.45	5095.35
53	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	9	each	302.70	2724.30
54	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	55	sqm	219.75	12086.25
55	Demolishing brick tile covering in terracing including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	40	sqm	86.80	3472.00
56	Demolishing mud phaska in terracing and disposal of material within 50 metres lead.	8	cum	753.75	6030.00
57	Dismantling of flushing cistern of all types (C.I /PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	4	each	744.60	2978.40
58	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.	275	sqm	45.05	12388.75
59	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	25	cum	219.35	5483.75
60	Providing and fixing 100 mm sand cast Iron grating for gully trap.	14	each	45.25	633.50
61	Providing and fixing soil, waste and vent pipes : Providing and fixing soil, waste and vent pipes : 100 mm dia Sand cast iron S&S pipe as per IS: 1729	35	metre	1018.05	35631.75
62	75 mm diameter : Sand cast iron S&S pipe as per IS: 1729	20	metre	931.55	18631.00
63	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. 100 mm dia Sand cast iron S&S as per IS - 1729	6	each	530.70	3184.20
64	75 mm dia Sand cast iron S&S as per IS - 1729	4	each	440.00	1760.00
65	Providing and fixing plain bend of required degree. 100 mm dia Sand cast iron S&S as per IS - 1729	6	each	412.95	2477.70
66	75 mm dia Sand cast iron S&S as per IS -1729	4	each	311.55	1246.20
67	Providing lead caulked joints to sand cast iron/centrifugally cast(spun) iron pipes and fittings of diameter : 100 mm	24	each	549.65	13191.60

68	Providing lead caulked joints to sand cast iron/centrifugally cast(spun) iron pipes and fittings of diameter : 75 mm	12	each	466.40	5596.80
69	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	12	each	1604.10	19249.20
70	100 mm inlet and 75 mm outlet Sand cast iron S&S as per IS - 3989	4	each	1671.00	6684.00
71	Cutting chases in brick masonry walls for following diameter sand cast iron/centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 ( 1 cement : 3 coarse sand :6 graded stone aggregate 17.5 mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement :4 coarse sand) : 100 mm dia	12	metre	615.70	7388.40
72	Cutting chases in brick masonry walls for following diameter sand cast iron/centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 ( 1 cement : 3 coarse sand :6 graded stone aggregate 17.5 mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement :4 coarse sand) : 75 mm dia	12	metre	442.20	5306.40
73	Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36mm height of approved quality and colour, weighing not less than 300 gms.	2	each	607.05	1214.10
74	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	30	metre	373.35	11200.50
75	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 25 mm dia nominal bore	24	metre	491.20	11788.80
76	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall : 15 mm dia nominal bore	18	metre	485.20	8733.60
77	2Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall : mm dia nominal bore	30	metre	541.10	16233.00
78	Making connection of G.I. distribution branch with G.I main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete:  25 to 40 mm nominal bore	1	each	757.10	757.10
79	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore	2	each	532.35	1064.70
80	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 20 mm nominal bore	2	each	461.75	923.50
81	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore	1	each	397.45	397.45
82	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 15 mm nominal bore	6	each	262.30	1573.80
83	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 20 mm nominal bore	6	each	289.05	1734.30
84	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 25 mm nominal bore	2	each	369.35	738.70
85	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore	4	each	434.20	1736.80
86	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	4	each	708.40	2833.60
87	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	22	each	61.70	1357.40
88	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball. 20 mm nominal bore, 120 mm long, weighing not less than 198 gms	1	each	223.50	223.50

89	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour. 15 mm nominal bore with 45 cm length	14	each	107.90	1510.60
90	Cutting holes up to 30x30 cm in walls including making good the same: With common burnt clay F.P.S. (non modular) bricks	12	each	362.40	4348.80
91	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 200 mm diameter	6	metre	830.40	4982.40
92	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes including bed concrete as per standard design : 200 mm diameter S.W. pipe	6	metre	810.80	4864.80
93	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: 100x100 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	3	each	2453.55	7360.65
94	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of Class designation 7.5	1	each	11687.10	11687.10
95	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing I paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)	20	kg	466.30	9326.00
96	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	10	kg	564.80	5648.00
97	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	4	sqm	1325.55	5302.20
98	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: (a) 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. (b) 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. (c) 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. (d) Finishing 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. (e) 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.	55	sqm	1522.95	83762.25

99	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-In-charge complete in all respect. SBR Polymer (@10% of cement weight) modified cementitious bond coat @ 2.2 kg cement per sqm of surface area mixed with specified proportion of approved polymer	55	sqm	117.75	6476.25
100	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory Ywindows & other Frames/Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm <sup>2</sup> , modulus of elasticity 900 N/mm <sup>2</sup> and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately). Note: For WPC solid door/window frames, minus 5mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made. Frame size 50 x 100 mm	40	metre	853.00	34120.00
101	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm <sup>2</sup> , modulus of elasticity 850 N/mm <sup>2</sup> and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately) 30 mm thick	9	sqm	3954.00	35586.00
102	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid board one side white color and other side of board laminted with PVC foil of minimum 14 micron thickness of approved design pasted with hot melt adhesive for cup boards, work stations and bathroom/kitchen cabinet etc. of required sizes comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm <sup>2</sup> , modulus of elasticity 850 N/mm <sup>2</sup> and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel piano hinges/soft close clip on concealed hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel piano hinges/soft close clip on concealed hinges and necessary S.S screws shall be paid separately) 25 mm thick	20	sqm	3,530.30	70606.00
103	Providing and fixing Starwhite Hindware Aspiro S-100 One Piece Closet Toilet Seat (Cat. No.: 20126 Hindware or equivalent of Kohler, Grohe). Installation Type: Floor Mount, Dimension: 65 x 36 x 75 cm 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.	4	Nos	19,737.58	78950.32
104	Providing and fixing Star white coloured vitreous china urinal back Inlet with fixing accessories, Size: 385x325x635 mm ( Jaquar make URS-WHT-13253N or equivalent of Kohler, Grohe ) complete as per direction of engineer in charge	4	Nos	9,441.00	37764.00
105	Providing and fixing JDR Thin Rim Table Top Basin, Size: 495x395x150 mm, Shape - Rectangular ( JDS-WHT-25909 ) with Waste Coupling 32mm Size Full Thread with 80mm Height ( ALD-CHR-705 ) Jaquar make or equivalent of Kohler, Grohe complete as per direction of engineer in charge.	4	Nos	6,497.00	25988.00
106	P/F Bottle Trap 32mm Size with 300mm & 190mm Long Wall Connection Pipes & Wall Flange ALD-CHR-769L300X190 Jaguar make or equivalent of Kohler, Grohe complete as per direction of engineer in charge	9	Nos	2,369.11	21321.99
107	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to 15 standards and weighing not less than 810 grns. 15 mm nominal bo. ( Make Cera cat no. QT F-2006152 or equivalent of Jaquar, Kohler, Grohe )	4	Nos	2,149.00	8596.00
108	Providing and fixing 5 mm thick 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.	5	sqm	5226.00	26130.00
109	Providing and fixing Toilet Roll Holder with Flap [CPA-CHR-1153] Jaquar make or equivalent of Kohler, Grohe complete as per direction of engineer in charge	4	Nos	1,697.00	6788.00

110	Providing and fixing Liquid soap dispenser (Make Ceracat no. F5007111 or equivalent of Jaquar, Kohler, Grohe ) complete in all respect.	2	Nos	2,149.0	4298.00
111	Providing and fixing CP brass Towel rail 600 mm (24") (Make Cera cat no. F5004103 or equivalent of Jaquar, Kohler, Grohe ) complete in all respect.	2	Nos	1931.0	3862.00
112	Providing and fixing C.P. brass angle valve 15 mm nominal bore (Make Cera cat no. F2008201 or equivalent of Jaquar, Kohler, Grohe)	14	Nos	1,852.55	25935.70
113	P/F hand shower (Health Facuet) with 8 mm dia 1 meter long flexible tube and wall hook (Jaquar make ALD. CHR-573 or equivalent of Kohler, Grohe) complete in all respect as per direction of Engineer-in-charge.	4	nos	2005.00	8020.00
114	P/F CP brass Pressmatic push pillar tap 15 mm nominal bore (Jaquar make no. PRS-031 or equivalent of Kohler, Grohe)	4	Nos	2,929.00	11716.00
115	P/F CP brass 2-way bib cock/ angle valve with single handle and wall flange 15 mm nominal bore of approved make (Make Cera cat no. F2002211 or equivalent of Jaquar, Kohler, Grohe )	4	Nos	2,261.00	9044.00
	Total				1788600.44
	<b>Say</b>				<b>1788600.00</b>

**Scope of work: -**

1. Painting work
2. Sanitary fitting and fixtures
3. Water proofing work
4. Earth work
5. Brick work
6. Flooring work
7. Wooden work
8. Door fitting and fixtures

## CONDITIONS

### **Name of Work: Repair and renovation of ground floor ladies, gents toilet and pantry area at IIC department, SDC, University of Delhi.**

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 fails 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 **90 days**
4. Water and electricity required for the work will be allowed to the contractor for use and 1% 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 2021 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 75 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 7 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 3 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. Bidder required Contractor All-Risk Policy with Before commencing execution of works, unless stated otherwise in the special conditions of contract, it shall be obligatory for the contractor to obtain at his own cost stipulated insurance cover under the following requirements: Contractor is required to take third party insurance cover for an amount of 5% (five percent) of Contract value from an approved insurance company for insurance against any damage, injury or loss which may occur to any person or property including that DU/owner/client, arising out of the execution of the works or temporary works. Wherever required by University of Delhi the contractor shall produce the policy or the policies of Insurance. Liability under the workmen's compensation Act, 1923, Minimum Wages Act, 1948 and Contract Labour (Regulation and Abolition) Act, 1970.  
  
Accidents to staff, Engineers, Supervisors and others who are not governed by workmen's compensation Act. Damage to material, machinery and works due to fire theft etc. Any other risk to be covered by insurance as may be specified by the employer in the special conditions of contract.
43. **An additional amount of 10 % for the water proofing item in the work will be deducted from the bill of the executing agency on account of security for 5 years period and the same will be released in two instalments of 50 % each after successful completion of 2.5 years and 5 years period.**

**Executive Engineer (E )**

## **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 as are 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, then such work shall be carried out the rates entered in C.P.W.D. Schedule of Rates for Delhi 2021 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.

**Executive Engineer (E )**

**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 – 2009 Vol- I & II with upto date correction slips should be carried out in all cases.

Sl. No.	Material	Approved Make/ manufacture
1	Plywood/ Flush door	Kutty, kitply, Century, Greenply, Mayur, Gattani, Merino, Jayan
2	Laminate	Green Lam Century, Neo Nuxe, For Mica Merino
3	Adhesive	Fevicol, Pidilite, Choksy, Araldite, Fosroc
4	Prelaminated particle board	Anchor, Durian, Novapan, Archidlam
5	Aluminum building hardware	IPSA, Everite, EBCO, ECIE, Hardwin Traders
6	Locks	Godrej, Harrison, Yale
7	PVC door/ shutter	Rajshri, Plasopan, Synka, Polywood, Polyline
8	Ceramic tiles	Regency, Kajaria, Somani, H & R Johnson, Bell, orient
9	Vitrified tiles	1 <sup>st</sup> quality of Regency, Kajaria, Somani, H & R Johnson, Orient Bell, Naveen, RAK, Asian, Marbito, Oreva
10	Precoated iron galvanized profile sheet and accessories	Lolydeck, Trackdec, Multiclad, TATA, Bluescope, Dyna Roof
11	Water proofing Compound/chemicals	FOSROC, BASF, PIDILITE,SIKA, CICO
12	Wall Putty	JK Wall Putty, Birla Putty
13	Paint	Asian, Berger, Nerolac, ICI paints
14	Aluminium section	Jindal, Hindalco, Indalco, Mahaveer
15	Cement	ACC, Ultra Tech, Vikram, Shree Cement, Ambuja, CCI, Jaypee Cement, Century Cement & J.K. Cement
16	Glass (Float/ sheet)	Modiguard, Saint Gobin, TATA Continental
17	Pressed Steel door frame	Senharvic, AGEW, Steel Flast, Rajender Steel
18	Viterous China sanitary ware	Parryware, Hindware , CERA
19	Plastic WC Cover	Hindware, Commander
20	Stainless Steel sink	Neelkanth, Nirali, Jayna, Crysil, Prayag, Alex
21	GI pipes	Jindal (Hissar), TATA, Parko, Surya
22	GI Fittings	Unik, ZOLOTOM, DRP-M, Kent
23	CPVC Pipe	Astral, Ashirwad, SFMC, Finolex, Supreme
24	Rain water & PVC pipe & fittings	Prince, Supreme, Finolex, SFMC,
25	Gunmetal valves	Leader, Sant, Zoloto
26	Upvc pipe & fittings	Supreme, Finolex, SFMC
27	Stoneware pipes, gully Traps (SI 651)	Pragati, Perfect, Burn, C & R
28	CI covers & Manhole covers	RIF, NICO
29	CP brass fittings & Accessories	Jaquar, Gem, Ess-ess, Aquaplust, Kingston, Prayag, Parko, Prima, Cera, Hindware
30	Floor Drain Fixture & Channel Gratings	Chilly, Neer, ACO
31	CP grating for floor trap	Chilly, Chockrach Trap, GMGR
32	Cast iron Pipes & Fittings Manhole covers and frames As per IS: 3989	NECO, KAPLANS, RIF

	(Pipe & Fittings)	
33	Cast iron Pipes & Fittings Manhole covers and frames As per IS: 1729 (Manhole covers and frame)	NECO, Raj iron, Foundary, BIC Calcutta, Kajeco, SKF, BC, K.K., SRIF, RIF
34	Cast iron Pipes & Fittings Manhole covers and frames As per IS: 1536 ( CILA pipe)	Electro Steel Calcutta, Kesoram Calcutta
35	Drip Seal	Vinod Cement Co. Chandigarh (PJS 43)
36	GI pipe Sealant	Henkel- LOCTITE 55
37	Pipe clamps & Supports	Chilly, Euro clamp, HI tech
38	Clean Out Plug	Neer, GMGR
39	GM/ Forged Brass Ball valves	Zoloto, DRP, Sant/ Leader
40	Wafer Type Check Valve	Audco, Zoloto, Advance
41	Butterfly Valve	Audco, Zoloto, Advance
42	Air Release valve	Zoloto, OR, Arco
43	Ball Float valve	Zoloto, HBD, Esseti
44	MH/ Water Tank Plastic Steps	KGM, Patel, Pranali Industries
45	Insulation for Hot Water pipes	Themoflex, K Flex, Armacell
46	PVC water tanks	Sintex, Rotoplast, Polycon, Amitex, Sheetal
47	SFRC MH cover & frame and gratings	KK Manholes & Gratings, SFP/ steel Fibre Product Pragati
48	Anticorrosive Tape for pipe protection	PYPKOTE
49	Anticorrosive Bitumen Paint	Shalimar
50	Epoxy Paint	Asian, Berger, J & N
51	Pressure Gauge	H Guru, Fiebig, Dwyer
52	Water Meter (Mechanical Type)	53 Kaycee jranti, Capstan, Actairs
53	Fastener	Fisher, Hiliti, Canon
54	Fire Sealant	Hilti, Promat, Birla 3 M
55	Sealant & Additives	Asian paints, Fosroc, Pidilite
56	Concrete Additives	SIKA, Fosroc, CICO, Sunanda Roff
57	Polymer sealant for expansion joint	SIKA, CICO, Pidilite, GE SDilicon
58	RCC pipe	Ashok, Cement pipe, Indian Hume pipe, KK
59	APP membrane	Lloyd Insulation, BUILTECH Products Pvt. Ltd., CICO technologies Lt., FOSROC Chemicals, STP Ltd., SIKA, IWL India Lt., Pure Leathers Ltd.,
60	Cement Concrete paver tiles	NITCO, Ultra, GICO, Dalal
61	PTMT fittings	Prayag, Polytuf, Symet, PEARL, SHAKTI
62	PPR pipe and fittings	Amitex, Supreme, SFMC, Georg, Fscher
63	Water proofing cement paint	Snowcem, Asian
64	Structural Steel Sections	TATA, SAIL, RINL
65	Reinforcement Steel	TATA, SAIL, RINL, ISPAT, Barnala
66	Blinds	VISTA/DECK/MECK