

**BID DOCUMENT**  
**FOR**

Renovation of toilets at SN HALL, RBP & RLB HALL

At

National Law University, Jodhpur

**Total Number of pages: 32 (Thirty Two)**

S.no	Particulars	Details
1	Name of the firm	
2	Complete address	
3	Email ID OF FIRM	
4	Mobile Number	
5	Permanent account number (PAN)	
6	GST NUMBER OF FIRM	
7	EARNEST MONEY	Rs. 1,80,000/-
8	EARNEST MONEY DETAILS	BANK NAME:- DD NUMBER:-
9	Date of submission of tender	25/04/2025 UPTO 2.00 P.M.
10	Authorized Signatory	

Check List of Documents:-

S.No	Particulars	Page No
1	<p>Technical bid in sealed cover super scribed as “Technical Bid” with all required parameters as follows:-</p> <p>(A) Filled in bid document duly signed and stamped at the bottom of each page.</p> <p>(B) Annexure ‘B’ (CONSENT FOR TECHNICAL SPECIFICATIONS )</p> <p>(C ) Demand Draft of Rs.1,80,000 /- submitted as Earnest Money</p> <p>(D) Copy of the Income Tax PAN card of the company/ Firm</p> <p>(E) Copy of valid GST Registration of company/ firm</p> <p>(F) Notarized self certification for not being debarred/blacklisted as per Annexure”A”.</p> <p><b>(G) Completion certificate of civil work (i.e new construction, repairing, renovation, work ) of (I) Single work at least Rs 65.00 lacs OR (II) Two works of at least Rs 40.0 lacs each (single work) in any Government Department or any reputed educational institution in one financial year out of financial years i.e 2021-22, 2022-23, 2023-24, 2024-25</b></p>	
2	Price bid in Annexure C in separate sealed cover super scribed as “Financial Bid”	

## **DETAILS OF TENDER CALL NOTICE**

Sealed bids are invited for conversion of RENOVATION OF TOILET WORK work at various buildings at National Law University, Jodhpur.

Sl.No	Item	Quantity
1	RENOVATION OF TOILET WORK at various buildings at National Law University, Jodhpur.	As mentioned in schedule

Bid document for the above work can be obtained from the office of Registrar NLU, Mandore Road, Jodhpur, Rajasthan on all working days in between 10.00 A.M. to 5.00 P.M.. The bid documents can also be downloaded from University's Website ([www.nlujodhpur.ac.in/tenders.php](http://www.nlujodhpur.ac.in/tenders.php)).

Bids will be received up to 2.00 P.M. of 25/04/2025 and the technical bid will be opened on the same day at 2.30 P.M in presence of the bidders or their authorized representatives if any. Opening date and time of financial bid shall be communicated subsequently after assessing the suitability and eligibility of the bidders.

## 1. Scope of Work:-

1.1 Renovation of toilet at SN HALL, RBP & RLB HALL (4 floors of SN Hall & RBP & 3 floors of RLB Hall)

1.2 **The successful bidder shall be allowed to dismantle and renovate two hostels (RBP & RLB) i.e 7 floors at one time and complete the work in these 7 floors within 42 days from issue of work order, and then remaining 4 floors will be allowed to dismantle and renovate within remaining work order time period .**

1.3 Successful bidder shall be required to execute the complete work within 60 days from issue of work order.

## 2. Eligibility Criteria

The bidding concern must fulfill all the following criteria for techno-commercial qualification of the tender.

2.1 The Bidder must have valid PAN, GST number. (attach document)

2.2 The firm must not have been debarred / blacklisted by any Govt. Deptt, agency, PSUs / institution / agencies / autonomous organisations. The bidder shall submit a self certification by an authorized person duly notarized to this effect. (attach self declaration certificate duly notary attested) in the prescribed format attached as Annexure "A".

2.3 **Completion certificate of civil work (i.e new construction, repairing, renovation, work ) of (I) Single work at least Rs 65.00 lacs OR (II) Two works of at least Rs 40.0 lacs each (single work) in any Government Department or any reputed educational institution in one financial year out of financial years i.e 2021-22, 2022-23, 2023-24, 2024-25**

## 3. INSTRUCTIONS TO BIDDERS

3.1 A Bidder can submit a single bid only.

3.2 Incomplete, telegraphic or conditional bids shall not be accepted.

3.3 The contractor / firm shall not be allowed to transfer, assign, pledge or sub-contract work order / supply order under this contract to any other agency.

3.4 Prices quoted must be firm and fixed. No price variation / escalation shall be allowed during process of completion of the project.

3.5 The approved rate may be considered for future requirement with the consent of both the parties.

3.6 The bidders must sign at the bottom of each page of the bid documents at the time of submission in token of unconditional acceptance of the terms and conditions, technical specifications etc.

- 3.7 Valid GSTIN certificate / e-submission document duly self attested must be submitted along with the bid.
- 3.8 Deviations in terms and conditions, Specification of material, Inspection clause etc. will not be accepted under any condition.
- 3.9 Bids received late due to postal delay or otherwise will not be considered.
- 3.10 The bidders are required to furnish their offers in the price bid both in words & figures. In case of corrections ,if any, the original text/numerical must be clearly crossed out and re-written legibly above, below or on the side of the crossed out characters as per availability of space and the authorized person must put his dated initial under such corrections. In case of any conflict between figures and words, the lower rate shall prevail. In case of any error in calculation, corrected amount will be considered for calculation of lowest bidder
- 3.11 Since timely execution of works is of paramount importance, requests for extension of time shall not be entertained.
- 3.12 Canvassing in any manner shall not be entertained and will be viewed seriously leading to rejection of the bid.
- 3.13 University reserves its right to modify the bid document/details by way of amendment .Notification for Such amendment shall be notified only on university website, therefore bidders are advised to visit university website time to time.
- 3.14 Bids will be accepted & will be opened as per information mentioned in the notice-inviting tender. No receipt against submission of bid shall be issued by NLU, Jodhpur.
- 3.15 The last date of receipt of the bid is 25/04/2025 upto 2.00 P.M. Sealed tenders may only dropped in the specified tender box kept in the **Office of Registrar**, NLU Jodhpur during office hours on working days. Bids received after due date & time will not be considered. If due to any reason the due date is declared as a holiday the bid will be opened on next working day at the same time.

3.16 The technical bid shall be opened on 25/04/2025 at 2.30 P.M. in the office of Registrar, NLU Jodhpur, in presence of such bidders or their authorized representatives, who are present at the time of opening. (The bid document should be submitted in two parts as detailed below:

3.16.1 Bids should be submitted in two separate sealed envelope as mentioned below & addressed to the Registrar, NLU Jodhpur, inside a sealed envelope super-scribed "Bid for Painting & repairing work should contain Technical Bid as per Annexure – B prescribed Firm Registration certificate, declaration in lieu of Earnest Money, Technical Specification, GST Registration , Commercial terms & conditions, notarized undertaking as per ANNEXURE "A" ,other bid documents duly signed & sealed, It should be super-scribed with **Part-1 Technical Bid "**. All the papers of bid documents except the price bid duly signed should be submitted in the first envelope.

3.16.2 Second sealed envelope (part-II) should contain Price bid as per Annexure –C in a separate sealed envelope. It should be super-scribed with **"PART II Price Bid"**. Any condition in regard to financial aspects, payments, terms of rebate etc beyond the prescribed financial terms of NLU, Jodhpur will make the bid invalid. Therefore it is in the interest of the bidders not to write anything extra in the Price Bid in Annexure-C except price.

3.17 The procedure of opening of the bid shall be as under

3.17.1. First envelope **"PART-1 Technical Bid"** shall be opened at the time & date mentioned in the bid notice by NLU, Jodhpur representative in the presence of bidders, who choose to be present.

3.17.2 Second envelope (part-II) containing Price bid shall be opened after evaluation of technical-commercial suitability of the offer by assessing responsiveness in line with the requirements mentioned in the bid document. The time for opening of second envelope (Price bid) shall be informed separately after assessing and evaluation of technical bid. Second envelope of price bid only those bidders shall be opened who qualify in the technical bid. If necessary, the firms may be called for Technical Presentation of their product as per the time intimated by NLU, Jodhpur.

3.18 **Successful bidder shall be calculated on the basis of total cost of all items as mentioned in technical bid .**

- 3.19 In case of supply/use of any defective material or substandard material, the materials will be rejected & it will be the responsibility of the supplier for taking back & replacing the rejected materials at their own cost. In case of non-lifting of such rejected materials within a reasonable time offered by the office it will have the right to suitably dispose off the same and forfeit the amount.
- 3.20 The supplied materials/execution of work should strictly comply with the specifications as mentioned in the bid, otherwise the material would be liable for rejection.
- 3.21 Any clarification on the technical specification and commercial terms and conditions may be clarified in writing from NLU, Jodhpur
- 3.22 Deviation of any commercial terms and condition and technical specification shall not be entertained under no circumstances.
- 3.23 Bidders may in their own interest visit the sites and undertake site visit before submitting bids. NLU, Jodhpur will not be responsible for any incidental or consequential losses of the firms while execution and till expiry of the period of maintenance.
- 3.24 The contractor shall abide by all laws, rules and regulations framed there under or any other statutory obligations which are in force from time to time. The contractor/firm shall indemnify the Institute from any claims in this regards.
- 3.25 Any losses sustained by Institute due to negligence of contractor's service in the form of loss/damage of property, will be recoverable from the contractor, as the money value shall be estimated by the Institute. The decision of the institute in this regard will be final and binding on the contractor/firm.
- 3.26 The Contractor/firm will adopt all safety measures /precautions while executing the work/supply. In case of any accident /causality of any personnel, involved in work/supply the complete responsibility will be borne by the contractor/firm himself and University will not be held responsible for any claim/compensation.
- 3.27 University may take clarification from bidder or any other and may take appropriate decision accordingly. The decision of University shall be final and binding to all.

3.28 NLU, Jodhpur does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected

3.29 The NLU, Jodhpur reserves its right to reject/accept any or reject all tenders at any time without assigning any reason thereof. It shall be without any liability towards the bidder.

3.30 The firm/contractor will adopt all safety measures /precautions while executing the work in relation to all material, equipment and accessories etc.University will not be responsible for any loss, theft, damage etc for any reason

## **4. COMMERCIAL TERMS & CONDITIONS:**

### **4.1 EARNEST MONEY:-**

**4.1.1 Firm/Contractor must submit the Earnest Money of Rs.1,80,000/-**, in the form of a Demand-draft issued by a Nationalized/Schedule Bank in favour of the Registrar, National Law University, Jodhpur payable at Jodhpur at the time of submission of tender documents. Earnest Money shall be refunded/adjusted against security deposit, if any, after award of work order, as the case may be.

4.1.2 In absence of earnest money, quotation of the firm shall not be entertained in any circumstances

**4.1.3.** In case of claim for exemption from deposit of Earnest money sufficient proof in support of claim for exemption of EMD as prescribed in Govt. of India Notification is to be attached with the bid.

4.1.4.The earnest money will be forfeited if the firm denies to deposit the security amount if found lowest and university shall have the right to debar the firm from participation in future tenders of the university for the time as decided by university authority.

### **4.2 Security Deposit:**



4.2.1 The successful bidder must deposit the Security amount @ 10%(Ten percent) of the ordered value with the Registrar, NLU, Jodhpur within the time frame provided in letter for depositing of security in shape of DEMAND DRAFT OR irrevocable Bank Guarantees or FDR of equivalent amount for a period of one year.

4.2.2 The security deposit would be forfeited, if the firm/contractor denies to execute the work or supply the ordered items as the case may be.

4.2.3 The security deposit would be forfeited, if the supplies are not made or work not done as per the Terms & Conditions of the purchase order/bid document.

4.2.4 The security deposit amount will be refunded after the period of one year without any interest from the date of completion of work /supply of entire items

#### **4.3 Payment:**

4.3.1 **Payment will be made for running bill i.e 80% of work executed at site after measurement and recommendation of EIC .**

4.3.2 However,work should not be halted(stopped)/delayed during payment process period of running bill.

4.3.3 **Final remaining 20% after report submitted by infrastructure committee constituted by university.**

4.4.4In case supply /work is not found as per specifications of the University, whole supply/work shall be rejected.

#### **4.4 PENALTY CLAUSE:-**

(1)In case of delay in supply/execution of work without prejudice to the right to reject the bid, penalty should be imposed as decided by the competent authority.

(2)However, if there is any hindrance/barrier in execution of work from University side, then relaxation will be granted without penalty as deemed fit.

(3)In case of any false statement ,incorrect or false/document submitted by the firm university shall have the right to reject the bid, cancel the work order, impose the penalty, forfeit of EMD or/and security deposit,black listing of firm, withhold of payment for executed work as decided by competent authority .,

#### **5. Settlement of Dispute:**

5.1 All disputes pertaining to the work contract is limited to the jurisdiction of the courts at Jodhpur District, Rajasthan

5.2 Without prejudice to above, the parties reserve the right to enter into an Arbitration process in accordance with the relevant clause of Arbitration and Conciliation Act, 1996.

### **ACCEPTANCE**

I/We have carefully read and understood the above terms and conditions of the bid and agree to abide by them.

**DECLARATION REGARDING BLACKLISTING/DEBARRING FOR  
TAKING PART IN TENDER**

(To be executed & attested by Public Notary/executive Magistrate on Rs 100/-non judicial stamp paper by the Tendered]

1. \* I/We \_\_\_\_\_ of  
M/s \_\_\_\_\_ hereby declare that our  
company \_\_\_\_\_ having registered address at  
\_\_\_\_\_ has never been ‘Blacklisted/debarred by any State/Central  
Govt,Department/Organization till date nor we are facing/filed any Litigation  
proceeding regarding debarring (blacklisting) with either of the above said agencies.

**OR**

1. \* I/We \_\_\_\_\_ of  
M/s \_\_\_\_\_ hereby declare that our  
company \_\_\_\_\_ having registered address at  
\_\_\_\_\_ was blacklisted or debarred by State/ Central Govt,Department/Organization  
from taking part in tenders for a period of \_\_\_\_\_ years wef  
\_\_\_\_\_ to \_\_\_\_\_.the period is over on  
\_\_\_\_\_ and now the firm /company is entitled to take part in tenders.

2. In case of above information found false, I/we are fully aware that the tender/contract will be rejected/cancelled by National Law University, Jodhpur, and EMD/Security deposit shall be forfeited.
3. In addition to the above National Law University, Jodhpur will not be responsible to pay the bills for any completed /partially completed work/supply.

DEPONENT

ATTESTED:  
(Public Notary/executive Magistrate)

NAME:- \_\_\_\_\_  
Address: \_\_\_\_\_

**\*please strike out the non applicable para**

**Annexure”B”**

**TECHNICAL SPECIFICATION & BID**

s.no	Particulars	Qty	Unit	Consent Yes/no
1	Dismantling tile work on walls & floors laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meter lead: For thickness of tiles 10mm to 25mm.	1850.00	Sqm	
2	Dismantling kota stone flooring on floors laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meter lead: For any thickness of kota stone	655.00	Sqm	
3	Dismantling old plaster or skirting, raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 meter lead.	1850.00	Sqm	
4	Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles <b>or any colour and combination as decided by university</b> confirming to IS : 13753 & IS :15622 of size <b>300mm x 450mm</b> in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar) <b>MAKE:- Somany,Johnson,kajaria,Orient Bell</b>	1750.00	Sqm	
5	Providing and fixing 1st quality MAT finished ceramic tile size 300x300mm confirming to IS : 13755 and IS : 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades or <b>Marble printed / Granite shade or dark shade tiles instead of white, grey, ivory, or decided by university</b> in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed) <b>MAKE:- Somany,Johnson,kajaria,Orient Bell</b>	655.00	Sqm	
6	Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete Rajasthan Zed Black1501 Cm2 to 3600 Cm2	60.00	Sqm	
7	Providing and fixing stone slabs table rubbed, 15-18 mm thick in Walls, Steps, Pillars, Counters, Jambs, Shelves, Sills etc. laid on 12mm (Av.) thick base of CM 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete.Makrana 'Adanga'.1501 Cm2 to 3600 Cm2 Tiles	75.00	Sqm	
8	Brick work for counter support with F.P.S. bricks of class designation 75 in superstructure above plinth level upto floor V level in all shapes and sizes in :Cement mortar 1 : 6 (1 cement : 6 coarse sand)	6.00	sqm	
9	Plaster on new surface on wall in cement sand mortar 1:3 including racking of joints etc. complete fine finish :20mm thick	1850.00	sqm	

10	Providing and fixing Powder coating aluminum work (both fixed and openable with minimum thickness of powder coating 50 micron) for doors ,windows, ventilators and partition with extruded built up standard tubular / appropriate Z sections and other sections of approved make i.e <b>Jindal Hindalco</b> fixed with rawl plugs and screws or with fixing clips ,or with expansion hold fasteners including necessary filling up of gap. At junctions , at top ,bottom and sides with required PVC/neoprene felt etc. Aluminium section shall be smooth ,rust free, straight ,mitered and jointed mechanically wherever required including cleat angle Aluminium snap beading for glazing /paneling , C.P. brass/ stainless steel screws Al. Tower bolt & Al. handle & Al. Aldrop etc.,all complete as per architectural drawings and the directions of Engineer- in – charge .(Glazing and paneling to be paid for separately).	1400.00	Kg	
11	Providing and fixing glazing in aluminium door, window ,ventilator shutters and partitions etc. with PVS / 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 1 <sup>st</sup> Class ACP sheet as per direction EIC	170.00	sqm	
12	Providing & fixing PVC false Ceiling tile of size of 595mm x 595mm, 5mm (±0.25) thick Plain PVC sheet, used as panel insert in a frame work is adjustable with butterfly made of using powder coated aluminum T- section of sizes 1” x1”( 25x25mm, 19 gauge or 1mm thick ) in square pattern of grid sizes of 2”x2”( 600x600mm ). The aluminum framework is supported from the ceiling with the help of 'J' hook and G.I. wire / 6mm M.S. rods of required sizes to maintain proper level etc. The aluminum framework is supported on side wall with the use of aluminum L-section of size 1”x1” ( 25x25mm ) angles etc. Complete as per direction of Engineer-In-charge, manufacturer’s specification & drawing.(PVC Sheet to be <b>approved from competent authority befor fixing</b> )	500.00	sqm	
13	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes (IS 15778 : 2007 code) having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1 metre spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (cancelled work including cutting chases and making good the wall etc) 25 mm nominal size Make:- Finolex/Supreme/Ashirvad	250.00	Meter	
14	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes (IS 15778 : 2007 code) having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1 metre spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (cancelled work including cutting chases and making good the wall etc) 20mm nominal size Make:- Finolex/Supreme/Ashirvad	550.00	Meter	
15	P & F G.I. pipes (Internal Work) with G.I. Fittings excluding union (IS:1239 Mark) & MS clamps including cutting and making good the walls and floors: (a) <b>Exposed on wall</b> 40 mm dia nominal bore class B Make:- TT	250.00	Meter	

	Swastik/Jindal/Surya			
16	Providing & fixing PVC SWR pipe 110 mm of class A having pressure 4.0 Kg/cm <sup>2</sup> . Make:- Finolex/Supreme/Ashirvad	600.00	Meter	
17	<b>Providing and fixing Orissa pan, (20"x16") colour and sample to be approved by competent authority of university including cost of flush tank, and all accessories. Make:- Somany/Cera/Hindware/Grafador</b>	11.00	Each	
18	Providing and laying in position cement concrete including curing compaction etc. of specified grade excluding the cost of centering and shuttering All up to plinth level 1:4:8 (1-Cement:4-coarse sand:8-graded stone aggregate 20 mm nominal size).	65.00	Cum	
19	Removing and handing over to NLU the fitted old G.I pipes cancelled in walls of any diameter.	750.00	Meter	
20	Removing the fitted old PVC SWR pipe of any diameter.	400.00	Meter	
21	Providing and fixing <b>S Type European camode</b> , colour and <b>sample to be approved by competent authority of university including cost of flush tank, seat cover, jet spray &amp; hand faucet and all accessories.</b> Make:- Somany/Cera/Hindware/Grafador	33.00	Each	
22	Providing and fixing <b>urinal small size</b> , colour and <b>sample to be approved by competent authority of university including cost of waste pipe, coupling etc</b> Make:- Somany/Cera/Hindware	04.00		
23	Providing and fixing <b>bowl/counter wash basin of size 20"x16"x9"</b> , color and <b>sample to be approved by competent authority of university including cost of pvc connection pipes, coupling etc.</b> Make:- Somany/Cera/Hindware	33.00	Each	
24	Providing & fixing steel sink of size 36"x18"x9" with sink coupling, waste pipe etc. Make:- NIRALI	11.00	Each	
25	Providing & fixing <b>Mixer</b> of approved make and sample to be approved from competent authority Make:- Cera/Grafador/Somany/L&K/Kingston	45.00	Each	
26	Providing and fixing C.P. brass <b>short body bib cock</b> (Round head-washer body ) of approved quality conforming to IS:8931 : (15 mm nominal bore) <b>weight not less than 380-400 gm.</b> Make:- Cera/Grafador/Somany/ L&K/Kingston	85.00	Each	
27	Providing and fixing <b>long body bib cock (washer body)</b> of approved quality conforming to IS:8931 : (15 mm nominal bore) Make:- Cera/Grafador/Somany/ L&K/Kingston	35.00	Each	
28	Providing and fixing <b>C.P. brass angle valve (Round head-washer body)</b> for basin mixer and geyser points of approved quality conforming to IS:8931 (15mm nominal bore) Make:- Cera/Grafador/Somany	270.00	Each	
29	Providing & fixing 18 mm thick solid PVC sheet UPVC coated prelaminate (one side decorative and one side balancing) density 550 kg/m <sup>3</sup> in wash basin shutter & urinal partition with frame all round including handles, magnet, auto hinges (SS Steel 304 grade)	30.00	Sqmtr	
30	Wall Painting with <b>plastic emulsion paint</b> of brand ( <b>Asian Paint, Nerolac, Berger, Birla</b> ) to give an even shade <b>on Old Work</b> with <b>change of colour</b> and including all scaffolding <b>at all height and all floor</b> including repairing with putty where ever necessary and paint to be applied with brushes/roller only.	363.00	Sqmtr	
31	Providing & fixing PVC P Trap 110 mm size (Make Finolex/supreme/Ashirvad)	170.0	Each	
32	Providing & fixing PVC Tee size 110 mm size (Make Finolex/supreme/Ashirvad)	130.0	Each	

33	Providing & fixing PVC bend 110 mm size (Make Finolex/supreme/Ashirvad)	95.0	Each	
34	Providing & fixing PVC Door Y Tee size 110 mm size (Make Finolex/supreme/Ashirvad)	70.0	Each	
35	Providing & fixing Gate valve 1.5" dia. Make:- Venus/BS/Harry/Eico	40.00	Each	
36	Providing & fixing Gate valve 1.0" dia. Make:- Venus/BS/Harry/Eico	25.00	Each	
37	Providing & fixing shower with arm (Bend shower) Make:- Cera/somany/Hindware/Grafdor	45.00	Each	
38	Providing and fixing American handle of size 150 mm length with ss screws complete in all respect	175.00	Each	
39	Providing and fixing aluminium tower bolt with necessary screws and fitting 150x10 mm	175.0	Each	
40	Providing and fixing at WPC door the Steel 6 PIN Hanger with all screws etc.	85.00	Each	
41	Providing and fixing aluminium Hold draft 200mm	85.00	Each	
42	Providing & fixing C.P. Jali,Grating of any size	215.00	Each	
43	Providing and fixing steel gate grating and grills made of angles, tees, square bars or other flats ,pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide etc( <b>The work consists of making monkey ladder in 4 feet wide duct at hostels upto height of 40 to 50 feet and fabrication is to be made in 4 feet wide duct of hostels.</b> )	1800.00	Kgs	
44	Dismantling stone masonry of any mortar including stacking of serviceable material and disposal of unserviceable material within 50 meter lead	5.00	Cum	
45	Rock face stone masonry in cement mortar 1:6 including pointing in white cement mortar 1:3 including racking of joint etc all complete	5.00	Cum	
46	Removing waste of plaster,tiles broken in trolleys/dumper from outside campus including cost of labour etc.	250.00	Cum	
47	Dismantling existing gypsum board ceiling and removing waste from campus.	500.00	Sqmtr	
48	Demolishing and removing T angle fame of doors and handing over to NLU (pump room Ground Floor)	85.00	Nos.	
49	Removing existing iron ventilators form toilet and handing over to NLU (pump room Ground Floor)	100.00	Nos.	
50	Removing iron window from pantry window and handing over to NLU (pump room Ground Floor)	23.00	Nos.	
51	Providing & fixing 5 mm thk. mirror with aluminium frame of size 1.5"x3/4"all round with two supports in centre over washbasin area.	50.00	Sqm	
52	Wiring of light point/fanpoint/exhaust fan point / call bell point with 1.5sq.mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq.mm nominal size FRPVC insulated unsheathed flexible copper earth conductor 1.1kV grade (IS:694) in recessed ISI marked MMS (IS:9537P-III)virgin material PVC conduit & it's ISI marked (IS:3419-1988)accessories,round tiles,1.2mm thick Hot Dipped Galvanized Modular Boxwith earth terminal, 10A Modula switch , Modular face plate with grid plate,3pin ceiling rose/Holder/3 way connector, screws, making connections, testing etc. as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/Wiring accessories			

i	Short point (up to 3 mtr.)	140.0	PP	
ii	Medium point(up to 6 mtr)	70.0	PP	
53	Wiring of 3/5 pin 6amp. Light plug point with 1.5sq.mm nominal size FRPVC insulated unsheathed flexible copper conductor 1.1kV grade and 1.5 sq.mm nominal size FRPVC insulated unsheathed flexible copper earth conductor 1.1kV grade (IS:694) in recessed ISI marked MMS ( IS:9537 P-III ) PVC conduit & it's ISI marked (IS:3419 1988) accessories, Hot Dipped Galvanized Modular box of 1.2mm thick with earth terminal, 10A modular face plate with grid plate, screws, making connections, testing etc. as required. On board	70.0	PP	
54	S&F following sizes (dia.) of ISI marked virgin material MMS (IS:9537 P III ) PVC conduit along with ISI marked (IS:3419-1988) accessories as required in recess including cutting the wall, covering conduit and making good the same as required.	660.00	MTR	
	20 mm			
55	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130:2013 of 1.1kV grade. Wire should be made from 99.90% purity copper, class 5 stranding in acc. to IS:8130/IEC 60228 for lower watt loss, oxygen free for less chances of oxidization, insulation PVC type A/C/D, flame retardant as per IS 10810-53, better amperage rating as per IS:3961 part 5, in existing surface or recessed PVC/ MS conduit/casing capping making connections with Copper Lugs of suitable size, Ferrules, testing etc. as required.			
I	2x1.5 sq.mm	900.0	MTR	
ii	2 x 2.5 sq. mm. + 1x1.5sqmm	670.0	MTR	
iii	2 x 4.0 sq. mm. + 1 x 2.5 sq. mm.	530.0	MTR	
56	Providing & Fixing of 240/415 V AC MCB with positive isolation of 10 kA breaking capacity (B/ C/D tripping characteristic as per type of load and site requirement) 4 KV impulse withstand voltage, ISI marked IS 8828(1996) / conforming to IEC 60898-1 2002, IEC 60947- 2, low watt losses, trip free mechanism, energy limiting of class 3 as per IEC, minimum phase termination capacity of 35sq.mm., conductor line load reversibility, IP 20 contact protection and fitted in existing distribution board/sheets, minimum electrical operation 20,000 upto 20 A rating and 10,000 upto 63 A, 5000 for 80 A & above rating including making connections, testing etc. as required. MAKE:- VINAY			
i	Single pole MCB (With B/C curve tripping Characteristics) 6 A to 32 A rating	55.0	Each	
ii	Four pole MCB (With B/C curve tripping Characteristics) 50/63 A rating	15.00	Each	
57	Providing & Fixing of Recessed/surface mounting heavy duty horizontal type Double Door (Metal / Glazed) Distribution board made out from Galvanized steel / CRC A sheet not less than 1.2mm thick conforming to IS-8623-1&3 / IEC 61439-1&3, powder painted complete with reversible door (for double door DB only) 100amp. insulated copper busbar/shorting link, copper neutral link, copper earth link, color coded interconnecting wire set of suitable rating and din bar, masking sheet, making internal DB			

	terminationswithcopperlugs,Ferrules, detachable gland plate, including making connections, testing etc. as required. <b>Metal door (Three phase) IK-09 and IP-43</b>			
	4 Way	15.0	Each	
58	Providing & Fixing of modular type switch/bellpushduly ISI marked (IS :3854) with CM/L no. printed and made out of unbreakable and fire retardant vergin UV Stabilized Polycarbonate with brass terminals and captive screws & silver alloy contact tip withIP-20rating,minimum width of switch toggle(PUSHPART)should not less then20mm, including all as per approved by Engineer in charge, making connections,testingetc.as required. <b>MAKE:- VINAY</b>			
i	16 Amp. 2 Module switch	100.00	Each	
ii	6 Amp. 2 Module switch	70.0	Each	
iii	6Amp Socket	70.0	Each	
iv	16Amp socket	120.0	Each	
59	Providing & fixing water heater (GEYSER) of 15 ltrs capacity including cost of PVC connection of following make & model;- <b>Make :- RACOLD (ABS Body)</b>	22.00	Each	
60	Removing and Hand over old sanitary fitting to NLUJ at pump room (Ground floor)	300.00	Each	
61	P/F CPVC Control valve 20 mm diameter Make :- Finolex/supreme/Ashirvad	22.00	Each	
62	P/F pedestal WASH BASIN of size 18"X12" with all fittings Make :- :- Somany/Cera/Hindware	11.00	Each	
63	Providing & Fixing of energy efficient direct fit (Retrofit) Polycarbonate/ Glass housing SMDMidPower LED tube rod (with integral driver & alumn. heat sink ), on existing fixture. system lumen efficacy $\geq 100$ lm/Watt output, internal surge protection of 2.5 KV ,THD < 20% ,p.f. $\geq 0.95$ ,CRI >80 , life time of minimum 35000 Burning Hours with , 70% of intial Lumen maintained till life ends , CCT 3000°K / 4000°K / 5700°K /6000°K/6500°K (As per ANSI Bin) , maximum power consumption should not more than the specified rating and Fixture shall be of BIS standard and trade mark certificate ( T.C.). Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. OEM must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79 & LM80)certificate / Report from OEM shall be submitted. All as per pre approved by Engineer in charge.		Each	
	1200mm , Min. Lumens output 2000 lm LED Tube rod with Polycarbonate Housing	45.00	Each	
64	Providing & Fixing of of Double ball bearing, copper wounded capacitor start single phase metallic blade fresh air fan, in existing opening including cost of hardware , flexible 3core copper conductor ,making connections, testingetc as required. All as per pre approved by Engineer incharge. Foradditional technical parameters of products/work ,refer Annexure "A" attached with this BSR .			
	300 mm sweep	35.00	Each	
65	Providing & Fixing of IP-20 LED Recessed / Surface Mounted, Round / Sqaure SMD Mid Power LED Downlight with power coated die-cast aluminum housing with UV Stabilized non yellowish Diffuser with BIS complience 2.5 KV surge protected Isolated driver, with Short & Open circuit protection, having efficiency > 85% . System Lumen efficacy of $\geq 110$ lm / watt, THD 80, life time of minimum 50000			



	Burning Hours with , 70% of intial Lumen maintaned till life ends , CCT 3000°K / 4000°K/ 5700°K /6000°K/6500°K (As per ANSI Bin) , maximum power consumption should not more than the specified rating and Fixture shall be of BIS standard and trade mark certificate ( T.C.). Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. (12 to 15 watt)			
	Recessed Mounting Minimum lumen output 1450 lm	100.00	Each	
66	Providing and fixing steel gate, grating , and grills made of angles, tees, square bars, flats,or black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide	1700.00	Kg	
67	Supply & fixing G.I. Union ISI marked in G.I. pipe line as required complete in all respect of size :40 mm	15.00	Each	
68	Supply & fixing G.I. Union ISI marked in G.I. pipe line as required complete in all respect of size :25 mm	15.00	Each	
69	Supply & fixing CPVC Union ISI marked in G.I. pipe line as required complete in all respect of size :25 mm	15.00	Each	
70	Supply & fixing CPVC Union ISI marked in G.I. pipe line as required complete in all respect of size :40 mm	15.00	Each	
71	Providing & fixing PVC Door Bend size 110 mm size (Make Finolex/supreme/Ashirvad)	50.00	Each	
72	Providing & fixing PVC socket plug 110 mm size (Make Finolex/supreme/Ashirvad)	50.00	Each	
73	Providing & fixing PVC door cap 110 mm size (Make Finolex/supreme/Ashirvad)	50.00	Each	
74	Providing & fixing PVC Nanhi Trap 110 mm size (Make Finolex/supreme/Ashirvad)	50.00	Each	
75	Repair to brick masonry in cement sand mortar 1:6 with new brick.	170.00	sqm	

## ANNEXURE”C”

## FINANCIAL BID

S.no	Item	Qty	unit	Price per unit		Total Amount	
				Rate in figures	Rate in words	Rate in figures	Rate in words
1	Dismantling tile work on walls & floors laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meter lead: For thickness of tiles 10mm to 25mm.	1850.00	Sqm				
2	Dismantling kota stone flooring on floors laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meter lead: For any thickness of kota stone	655.00	Sqm				
3	Dismantling old plaster or skirting, raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 meter lead.	1850.00	Sqm				
4	Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles <b>or any colour and combination as decided by university</b> confirming to IS : 13753 & IS :15622 of size <b>300mm x 450mm</b> in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar) <b>MAKE:- Somany,Johnson,kajaria,Orient Bell</b>	1750.00	Sqm				
5	Providing and fixing 1st quality MAT finished ceramic tile size 300x300mm confirming to IS : 13755 and IS : 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades or <b>Marble printed / Granite shade or dark shade tiles instead of white, grey, ivory, or decided by university in</b>	655.00	Sqm				

	floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed) <b>MAKE:- Somany,Johnson,kajaria,Orient Bell</b>						
6	Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete Rajasthan Zed Black1501 Cm2 to 3600 Cm2	60.00	Sqm				
7	Providing and fixing stone slabs table rubbed, 15-18 mm thick in Walls, Steps, Pillars, Counters, Jambs, Shelves, Sills etc. laid on 12mm (Av.) thick base of CM 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete.Makrana 'Adanga'.1501 Cm2 to 3600 Cm2 Tiles	75.00	Sqm				
8	Brick work for counter support with F.P.S. bricks of class designation 75 in superstructure above plinth level upto floor V level in all shapes and sizes in :Cement mortar 1 : 6 (1 cement : 6 coarse sand)	6.00	sqm				
9	Plaster on new surface on wall in cement sand mortar 1:3 including racking of joints etc. complete fine finish :20mm thick	1850.00	sqm				
10	Providing and fixing Powder coating aluminum work (both fixed and openable with minimum thickness of powder coating 50 micron) for doors ,windows,	1400.00	Kg				

	<p>ventilators and partition with extruded built up standard tubular / appropriate Z sections and other sections of approved make i.e <b>Jindal Hindalco</b> fixed with rawl plugs and screws or with fixing clips ,or with expansion hold fasteners including necessary filling up of gap. At junctions , at top ,bottom and sides with required PVC/neoprene felt etc. Aluminium section shall be smooth ,rust free, straight ,mitered and jointed mechanically wherever required including cleat angle Aluminium snap beading for glazing /paneling , C.P. brass/ stainless steel screws Al. Tower bolt &amp; Al. handle &amp; Al. Aldrop etc.,all complete as per architectural drawings and the directions of Engineer- in – charge .(Glazing and paneling to be paid for separately).</p>						
11	<p>Providing and fixing glazing in aluminium door, window ,ventilator shutters and partitions etc. with PVS / 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 1<sup>st</sup> Class ACP sheet as per direction EIC</p>	170.00	sqm				
12	<p>Providing &amp; fixing PVC false Ceiling tile of size of 595mm x 595mm, 5mm (±0.25) thick Plain PVC sheet, used as panel insert in a frame work is adjustable with butterfly made of using powder coated aluminum T-section of sizes 1” x1”( 25x25mm, 19 gauge or 1mm thick ) in square pattern of grid sizes of 2“x2“( 600x600mm ). The aluminum framework is supported from the ceiling with the help of 'J' hook and G.I. wire / 6mm M.S. rods of required sizes to maintain proper level etc. The aluminum framework is supported on side wall with the use of aluminum L-</p>	500.00	sqm				

	section of size 1"x1" ( 25x25mm ) angles etc. Complete as per direction of Engineer-In-charge, manufacturer's specification & drawing. <b>(PVC Sheet to be approved from competent authority befor fixing)</b>						
13	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes (IS 15778 : 2007 code) having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1 metre spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (cancelled work including cutting chases and making good the wall etc) 25 mm nominal size Make:- Finolex/Supreme/Ashirvad	250.00	Mtr				
14	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes (IS 15778 : 2007 code) having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1 metre spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (cancelled work including cutting chases and making good the wall etc) 20mm nominal size Make:- Finolex/Supreme/Ashirvad	550.00	Mtr				
15	P & F G.I. pipes (Internal Work) with G.I. Fittings excluding union (IS:1239 Mark) & MS clamps including cutting and making good the walls and floors: (a) <b>Exposed on wall</b> 40 mm dia nominal bore class B Make:- TT Swastik/Jindal/Surya	250.00	Mtr				
16	Providing & fixing PVC SWR pipe 110 mm of class A having pressure 4.0 Kg/cm <sup>2</sup> . Make:-	600.00	Mtr				

	Finolex/Supreme/Ashirvad						
17	Providing and fixing Orissa pan, (20"x16")colour and sample to be approved by competent authority of university including cost of flush tank,and all accessories.Make:- Somany/Cera/Hindware/Graf ador	11.00	Each				
18	Providing and laying in position cement concrete including curing compaction etc. of specified grade excluding the cost of centering and shuttering All up to plinth level 1:4:8 (1-Cement:4-coarse sand:8-graded stone aggregate 20 mm nominal size).	65.00	Cum				
19	Removing and handing over to NLU the fitted old G.I pipes cancelled in walls of any diameter.	750.00	Mtr				
20	Removing the fitted old PVC SWR pipe of any diameter.	400.00	Mtr				
21	Providing and fixing <b>S Type European camode</b> ,colour and <b>sample to be approved by competent authority of university including cost of flush tank,seat cover,jet spray&amp;hand faucet and all accessories.</b> Make:Somany/Cera/Hindware/Grafador	33.00	Each				
22	Providing and fixing urinal small size ,colour and sample to be approved by competent authority of university including cost of waste pipe,coupling etc Make:Somany/Cera/Hindware	04.00					
23	Providing and fixing <b>bowl/counter wash basin of size 20"x16"x9"</b> ,color and <b>sample to be approved by competent authority of university including cost of pvc connection pipes,coupling etc.</b> Make:- Somany/Cera/Hindware	33.00	Each				
24	Providing & fixing steel sink of size 36"x18"x9" with sink coupling,waste pipe etc.Make:- NIRALI	11.00	Each				
25	Providing & fixing <b>Mixer</b> of approved make and sample to be approved from competent	45.00	Each				

	authority Make:- Cera/Grafdor/Somany/L&K/ Kingston						
26	Providing and fixing C.P. brass <b>short body bib cock</b> (Round head-washer body ) of approved quality conforming to IS:8931 : (15 mm nominal bore) <b>weight not less than 380-400 gm.</b> Make:- Cera/Grafdor/Somany/ L&K/Kingston	85.00	Each				
27	Providing and fixing <b>long body bib cock (washer body)</b> of approved quality conforming to IS:8931 : (15 mm nominal bore) Make:- Cera/Grafdor/Somany/ L&K/Kingston	35.00	Each				
28	Providing and fixing <b>C.P. brass angle valve (Round head- washer body )</b> for basin mixer and geyser points of approved quality conforming to IS:8931 (15mm nominal bore)Make:- Cera/Grafdor/Somany	270.00	Each				
29	Providing & fixing 18 mm thick solid PVC sheet UPVC coated prelaminate (one side decorative and one side balancing) density 550 kg/m <sup>3</sup> in wash basin shutter & urinal partition with frame all round including handles,magnet,auto hinges (SS Steel 304 grade)	30.00	Sqmtr				
30	Wall Painting with <b>plastic emulsion paint</b> of brand ( <b>Asian Paint, Nerolac, Berger,Birla )</b> to give an even shade <b>on Old Work</b> with <b>change of colour</b> and including all scaffolding <b>at all height and all floor</b> including repairing with putty where ever necessary and paint to be applied with brushes/roller only.	363.00	Sqmtr				
31	Providing & fixing PVC P Trap 110 mm size (MakeFinolex/supreme/Ashir vad)	170.0	Each				
32	Providing & fixing PVC Tee size 110 mm size (MakeFinolex/supreme/Ashir vad)	130.0	Each				
33	Providing & fixing PVC bend 110 mm size	95.0	Each				

	(Make Finolex/supreme/Ashirvad)						
34	Providing & fixing PVC Door Y Tee size 110 mm size (Make Finolex/supreme/Ashirvad)	70.0	Each				
35	Providing & fixing Gate valve 1.5" dia. Make:- Venus/BS/Harry/Eico	40.00	Each				
36	Providing & fixing Gate valve 1.0" dia. Make:- Venus/BS/Harry/Eico	25.00	Each				
37	Providing & fixing shower with arm (Bend shower) Make:Cera/somany/Hindware /Grafdor	45.00	Each				
38	Providing and fixing American handle of size 150 mm length with ss screws complete in all respect	175.00	Each				
39	Providing and fixing aluminium tower bolt with necessary screws and fitting 150x10 mm	175.0	Each				
40	Providing and fixing at WPC door the Steel 6 PIN Hanger with all screws etc.	85.00	Each				
41	Providing and fixing aluminium Hold draft 200mm	85.00	Each				
42	Providing & fixing C.P. Jali,Grating of any size	215.00	Each				
43	Providing and fixing steel gate grating and grills made of angles, tees, square bars or other flats ,pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide etc( <b>The work consists of making monkey ladder in 4 feet wide duct at hostels upto height of 40 to 50 feet and fabrication is to be made in 4 feet wide duct of hostels.</b> )	1800.00	Kgs				
44	Dismantling stone masonry of any mortar including stacking of serviceable material and disposal of unserviceable material within 50 meter lead	5.00	Cum				
45	Rock face stone masonry in cement mortar 1:6 including pointing in white cement mortar 1:3 including racking of joint etc all complete	5.00	Cum				
46	Removing waste of plaster,tiles broken in trolleys/dumper from outside campus including cost of	250.00	Cum				



	labour etc.						
47	Dismantling existing gypsum board ceiling and removing waste from campus.	500.00	Sqmtr				
48	Demolishing and removing T angle frame of doors and handing over to NLU (pump room Ground Floor)	85.00	Nos.				
49	Removing existing iron ventilators from toilet and handing over to NLU (pump room Ground Floor)	100.00	Nos.				
50	Removing iron window from pantry window and handing over to NLU (pump room Ground Floor)	23.00	Nos.				
51	Providing & fixing 5 mm thk. mirror with aluminium frame of size 1.5"x3/4" all round with two supports in centre over washbasin area.	50.00	Sqm				
52	Wiring of light point/fanpoint/exhaust fan point / call bell point with 1.5sq.mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq.mm nominal size FRPVC insulated unsheathed flexible copper earth conductor 1.1kV grade (IS:694) in recessed ISI marked MMS (IS:9537P-III) virgin material PVC conduit & it's ISI marked (IS:3419-1988) accessories, round tiles, 1.2mm thick Hot Dipped Galvanized Modular Box with earth terminal, 10A Modular switch, Modular face plate with grid plate, 3pin ceiling rose/Holder/3 way connector, screws, making connections, testing etc. as required. For specification of copper Conductor, Phenolic Laminated sheet's & Electrical/Wiring accessories						
i	Short point (up to 3 mtr.)	140.0	PP				
ii	Medium point (up to 6 mtr)	70.0	PP				
53	Wiring of 3/5 pin 6amp. Light plug point with 1.5sq.mm nominal size FRPVC insulated unsheathed flexible copper conductor 1.1kV grade and 1.5 sq.mm nominal size FRPVC insulated unsheathed flexible copper earth conductor 1.1kV grade (IS:694) in recessed ISI marked MMS (IS:9537 P-III) PVC conduit & it's ISI marked (IS:3419 1988) accessories, Hot Dipped	70.0	PP				

	Galvanized Modular box of 1.2mm thick with earth terminal, 10A modular Modular face plate with grid plate, screws, making connections, testing etc. as required. On board						
54	S&F following sizes (dia.) of ISI marked virgin material MMS (IS:9537P III) PVC conduit along with ISI marked (IS:3419-1988) accessories as required in recess including cutting the wall, covering conduit and making good the same as required.	660.00	MTR				
	20 mm						
55	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor as per PWD specification for electrical Works with ISI marked (IS:694) and as per IS 8130:2013 of 1.1kV grade. Wire should be made from 99.90% purity copper, class 5 stranding in acc. to IS:8130/IEC 60228 for lower watt loss, oxygen free for less chances of oxidization, insulation PVC type A/C/D, flame retardant as per IS 10810-53, better amperage rating as per IS:3961 part 5, in existing surface or recessed PVC/MS conduit/casing capping making connections with Copper Lugs of suitable size, Ferrules, testing etc. as required.						
I	2x1.5 sq.mm	900.0	MTR				
ii	2 x 2.5 sq. mm. + 1x1.5sqmm	670.0	MTR				
iii	2 x 4.0 sq. mm. + 1 x 2.5 sq. mm.	530.0	MTR				
56	Providing & Fixing of 240/415 V AC MCB with positive isolation of 10 kA breaking capacity (B/ C/D tripping characteristic as per type of load and site requirement) 4 KV impulse withstand voltage, ISI marked IS 8828(1996) / conforming to IEC 60898-1 2002, IEC 60947- 2, low watt losses, trip free mechanism, energy limiting of class 3 as per IEC, minimum phase termination						

	capacity of 35sq.mm. , conductor line load reversibility , IP 20 contact protection and fitted in existing distribution board/sheets, minimum electrical operation 20,000 upto 20 A rating and 10,000 upto 63 A, 5000 for 80 A & above rating including making connections, testing etc. as required.MAKE:- VINAY						
i	Single pole MCB (With B/C curve tripping Characteristics) 6 A to 32 A rating	55.0	Each				
ii	Four pole MCB (With B/C curve tripping Characteristics) 50/63 A rating	15.00	Each				
57	Providing & Fixing of Recessed/surface mounting heavy duty horizontal type DoubleDoor (Metal / Glazed) Distribution board made out from Galvanized steel /CRCAsheet not less than1.2mm thick conforming to IS-8623-1&3 / IEC 61439- 1&3,powder painted complete with reversible door (for double door DB only)100amp. insulated copper busbar/shorting link , copper neutral link, copper earth link , color coded interconnectingwire set of suitable rating anddinbar,masking sheet, makinginternalDB terminationswithcopperlugs,F errules, detachable gland plate, including making connections, testing etc. as required. <b>Metal door (Three phase) IK-09 and IP- 43</b>						
	4 Way	15.0	Each				
58	Providing & Fixing of modular type switch/bellpushduly ISI marked (IS :3854) with CM/L no. printed and made out of unbreakable and fire retardant vergin UV Stabilized Polycarbonate with brass terminals and captive screws & silver alloy contact tip withIP-20rating,minimum width of switch toggle(PUSHPART)should						

	not less than 20mm, including all as per approved by Engineer in charge, making connections, testing etc. as required. <b>MAKE:- VINAY</b>						
i	16 Amp. 2 Module switch	100.00	Each				
ii	6 Amp. 2 Module switch	70.0	Each				
iii	6Amp Socket	70.0	Each				
iv	16Amp socket	120.0	Each				
59	Providing & fixing water heater (GEYSER) of 15 ltrs capacity including cost of PVC connection of following make & model;- <b>Make :- RACOLD (ABS Body)</b>	22.00	Each				
60	Removing and Hand over old sanitary fitting to NLUJ at pump room (Ground floor)	300.00	Each				
61	P/F CPVC Control valve 20 mm diameter Make :- Finolex/supreme/Ashirvad	22.00	Each				
62	P/F pedestal WASH BASIN of size 18"X12" with all fittings Make Somany/Cera/Hindware	11.00	Each				
63	Providing & Fixing of energy efficient direct fit (Retrofit) Polycarbonate/ Glass housing SMD Mid Power LED tube rod (with integral driver & alum. heat sink), on existing fixture. system lumen efficacy $\geq 100$ lm/Watt output, internal surge protection of 2.5 KV, THD < 20%, p.f. $\geq 0.95$ , CRI > 80, life time of minimum 35000 Burning Hours with, 70% of initial Lumen maintained till life ends, CCT 3000°K / 4000°K / 5700°K / 6000°K / 6500°K (As per ANSI Bin), maximum power consumption should not more than the specified rating and Fixture shall be of BIS standard and trade mark certificate (T.C.). Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. OEM must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79 & LM80) certificate / Report from OEM shall be submitted. All as per pre approved by Engineer in		Each				

	charge.						
	1200mm , Min. Lumens output 2000 lm LED Tube rod with Polycarbonate Housing	45.00	Each				
64	Providing & Fixing of of Double ball bearing, copper wounded capacitor start single phase metallic blade fresh air fan, in existing opening including cost of hardware , flexible 3core copper conductor ,making connections, testingetc as required. All as per pre approved by Engineer incharge. Foradditional technical parameters of products/work ,refer Annexure "A" attached with this BSR .						
	300 mm sweep	35.00	Each				
65	Providing & Fixing of IP-20 LED Recessed / Surface Mounted, Round / Square SMD Mid Power LED Downlight with power coated die-cast aluminum housing with UV Stabilized non yellowish Diffuser with BIS complience 2.5 KV surge protected Isolated driver, with Short & Open circuit protection, having efficiency > 85% . System Lumen efficacy of $\geq 110$ lm / watt, THD 80, life time of minimum 50000 Burning Hours with , 70% of intial Lumen maintaned till life ends , CCT 3000°K / 4000°K/ 5700°K /6000°K/6500°K (As per ANSI Bin) , maximum power consumption should not more than the specified rating and Fixture shall be of BIS standard and trade mark certificate ( T.C.). Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. (12 to 15 watt)						
	Recessed Mounting Minimum lumen output 1450 lm	100.00	Each				
66	Providing and fixing steel gate, grating , and grills made of angles, tees, square bars, flats,or black pipe with holdfast and fittings complete	1700.00	Kg				

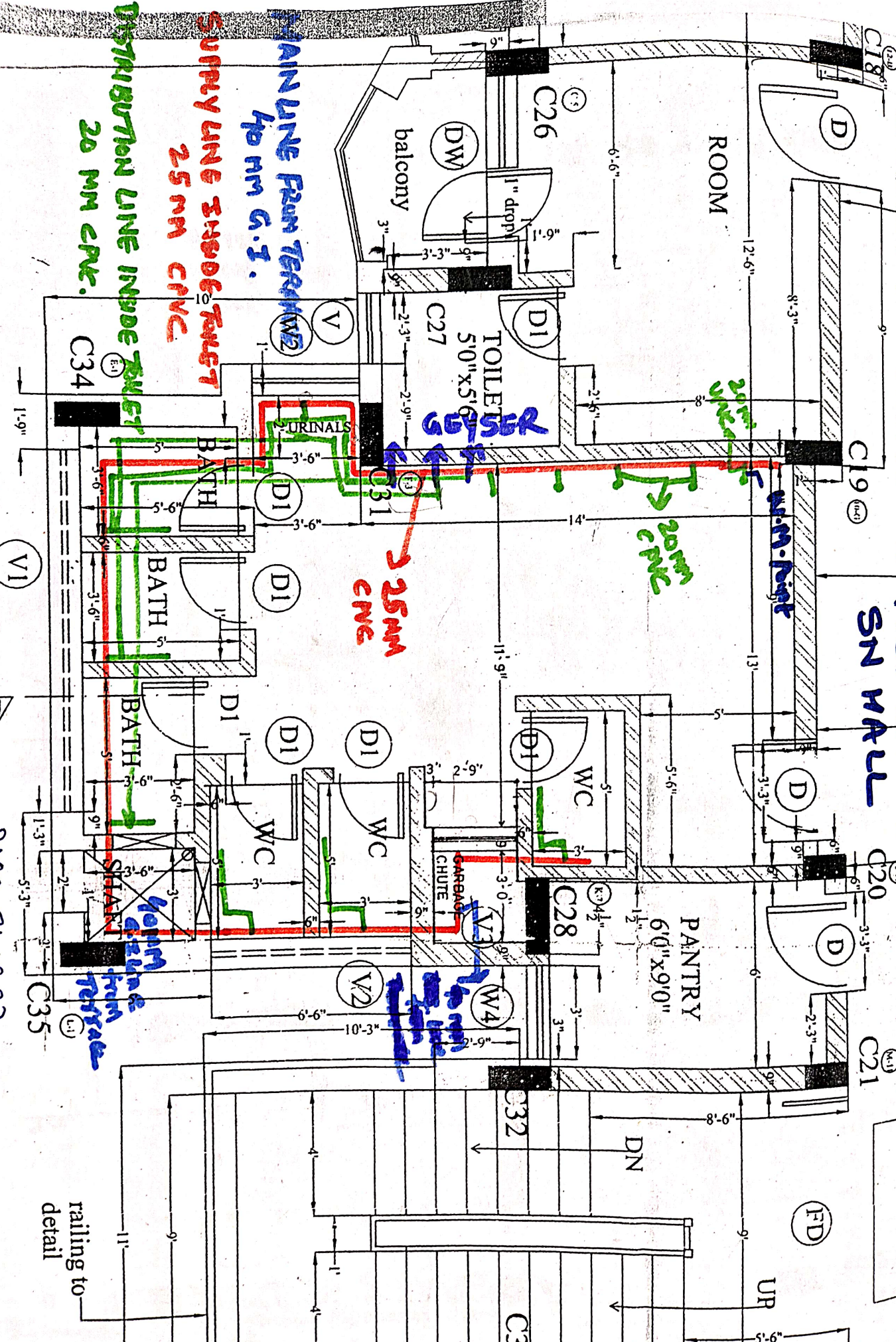
	as per design and drawing including cutting welding and fabrication with priming coat of red oxide						
67	Supply & fixing G.I. Union ISI marked in G.I. pipe line as required complete in all respect of size :40 mm	15.00	Each				
68	Supply & fixing G.I. Union ISI marked in G.I. pipe line as required complete in all respect of size :25 mm	15.00	Each				
69	Supply & fixing CPVC Union ISI marked in G.I. pipe line as required complete in all respect of size :25 mm	15.00	Each				
70	Supply & fixing CPVC Union ISI marked in G.I. pipe line as required complete in all respect of size :40 mm	15.00	Each				
71	Providing & fixing PVC Door Bend size 110 mm size (Make Finolex/supreme/Ashirvad)	50.00	Each				
72	Providing & fixing PVC socket plug 110 mm size (Make Finolex/supreme/Ashirvad)	50.00	Each				
73	Providing & fixing PVC door cap 110 mm size (Make Finolex/supreme/Ashirvad)	50.00	Each				
74	Providing & fixing PVC Nankhi Trap 110 mm size (Make Finolex/supreme/Ashirvad)	50.00	Each				
75	Repair to brick masonry in cement sand mortar 1:6 with new brick.	170.00	sqm				
					<b>TOTAL</b>		
					<b>TAX</b>		
					<b>G.TOTAL</b>		

**The successful bidder shall be allowed to dismantle and renovate two hostels (RBP&RLB) i.e 7 floors at one time and complete the work in these 7 floors within 42 days from issue of work order, and then remaining 4 floors will be allowed to dismantle and renovate within remaining work order time period .**

#### **SEAL AND SIGNATURE OF BIDDER**



# CONCEPT PLUMBING PLAN OF RBP HALL 2 SN HALL 2



MAIN LINE FROM TERMINAL 2  
40 MM G.I.

SUPPLY LINE INSIDE TRUST  
25 MM CVC

DISTRIBUTION LINE INSIDE TRUST  
20 MM CVC

20mm CVC

25mm CVC

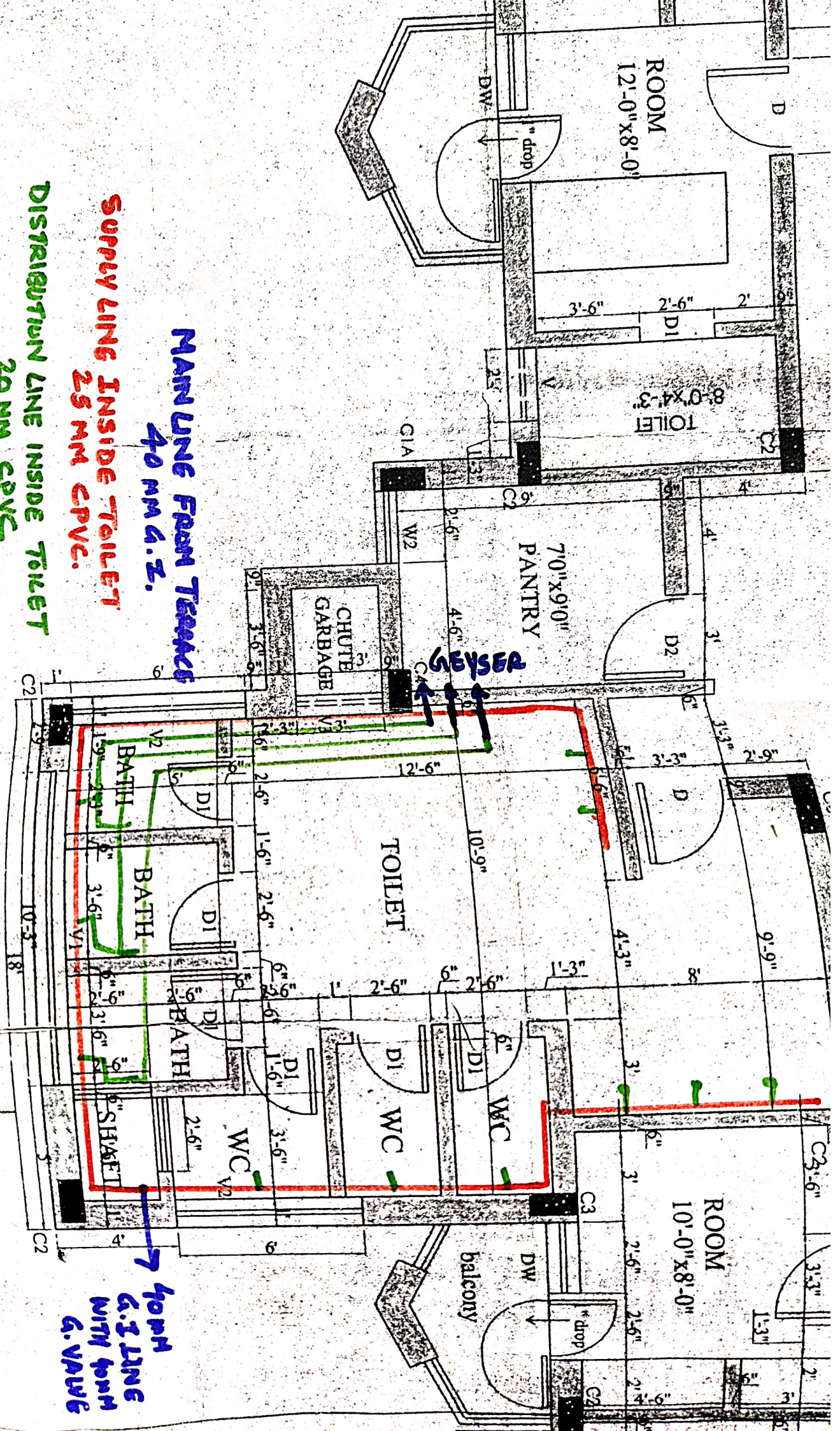
40mm galv. from terrace

railing to detail



**MAIN LINE FROM TERRACE**  
**40 MM G.I.**  
**SUPPLY LINE INSIDE TOILET**  
**25 MM CPVC.**  
**DISTRIBUTION LINE INSIDE TOILET**  
**20 MM CPVC**

**CONCEPT PLUMBING PLAN OF RUB HALL**



**40mm G.I. LINE WITH 40mm G. VALVE**