

BID DOCUMENT

FOR

Renovation of toilets at Sarojini Naidu Hall (4 floors)

At

National Law University, Jodhpur

Total Number of pages: 35(Thirty Five)

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. 77,000/-
8	EARNEST MONEY DETAILS	BANK NAME:- DD NUMBER:-
9	Date of submission of tender	17/11/2025 UPTO 2.00 P.M.
10	Authorized Signatory	

Check List of Documents:-

S.No	Particulars	Page No
1	Technical bid in sealed cover super scribed as “Technical Bid” with all required parameters as follows:- (A)Filled in bid document duly signed and stamped at the bottom of each page. (B)Annexure ‘C” (CONSENT FOR TECHNICAL SPECIFICATIONS) (C)Demand Draft of Rs. 77,000/-submitted as Earnest Money (D)Copy of the Income Tax PAN card of the company/ Firm (E)Copy of valid GST Registration of company/ firm (F)Notarized self certification for not being debarred/blacklisted as per Annexure”A”. (G)Completion certificate of civil work (i.e new construction,repairing,renovation,work) of (I)Single work at least Rs 30.00 lacs in any Government Department or any reputed educational institution in one financial year out of financial years i.e 2021-22,2022-23,2023-24,2024-25,2025-26 (H) The bidder must have a turnover of at least Rs 20.00 lacs each in any three financial years (out of last five financial years :- 2021-22 to 2025-26)Bidder must submit a certificate of turnover issued by a Chartered Accountant (format annexed at “B”)	
2	Price bid in Annexure D 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 sarojini Naidu Hall 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).

Bids will be received up to 2.00 P.M. of 17/11/2025 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 Sarojini Naidu Hall (All 4 floors of hostel)

1.2 The successful bidder shall be allowed to dismantle and renovate hostels (SN) i.e 4 floors at one time and complete the work in these 4 floors within 45 days from issue of work order.

1.3 Successful bidder shall be required to execute the complete work within 45 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 Annexue”A”.

2.3 Completion certificate of civil work (i.e new construction,repairing, renovation,work) of (I)Single work at least Rs 30.00 lacs in any Government Department or any reputed educational institution in one financial year out of financial years i.e 2021-22,2022-23,2023-24,2024-25,2025-26

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 17/11/2025 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 17/11/2025 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 – C 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 –D 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.

3.31 All the labour must be police verified and the contractor must be responsible for their conduct and behaviour in the university campus. A verified list of all workmen and supervisors on a letter head (along with copies of ID proof) shall be submitted at the main gate for smooth permission for entry/exit.

3.32 The firm has to Eco-friendly dispose of waste material and compliance with Nagar Nigam Jodhpur regulations for the same. If waste material is not disposed of, the same will be cleared and the expenditure will be deducted from the final bill amount.

4. COMMERCIAL TERMS & CONDITIONS:

4.1 EARNEST MONEY:-

4.1.1 Firm/Contractor must submit the Earnest Money of Rs.77,000/-, 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.**

4.4.4 In 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 we f
_____ 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”

**ANNUAL TURNOVER CERTIFICATE ISSUED BY THE CHARTERED
ACCOUNTANT (on letter head)**

To,
The Registrar,
National Law University, Jodhpur
NH-62, Nagour Road, Mandore, 342304

Ref.:

Sir,

We hereby certify that out of last 5 financial years ,turnover of at least 3 financial years of M/s..... (Name of the bidder) is not less than INR 20,00,000/- (Indian Rupees Twenty Lakhs Only).

Financial year	Annual Turnover (Rs.)
2021-2022	
2022-2023	
2023-2024	
2024-2025	
2025-2026	

Yours Sincerely,

(Signature of Authorized Signatory of the C.A. Firm)

(Signature of Authorized Signatory
the
Bidder/Firm)

Seal

Annexure”C”

TECHNICAL BID & SPECIFICATIONS

S.No	Item	Qty	Unit	Consent YES/NO
1	Removing and handing over to NLU the fitted old G.I pipes concealed in walls of any diameter.	270.00	Meter	
2	Removing the fitted old PVC SWR pipe of any diameter.	145.00	Meter	
3	Dismantling stone masonry of any mortar including stacking of serviceable material and disposal of unserviceable material within 50 meter lead	3.50	Cum	
4	Removing waste of plaster,tiles broken in trolleys/dumper from outside campus including cost of labour etc.	100.00	Cum	
5	Dismantling existing gypsum board ceiling and removing waste from campus.	160.00	Sqmtr	
6	Demolishing and removing T angle frame of doors and handing over to NLU (pump room Ground Floor)	35.00	Nos.	
7	Removing existing iron ventilators form toilet and handing over to NLU (pump room Ground Floor)	20.00	Nos.	
8	Removing iron window from pantry window and handing over to NLU (pump room Ground Floor)	25.00	Nos.	
9	Removing and Hand over old sanitary fitting to NLUJ at pump room (Ground floor)	200.00	Each	
10	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.	750.00	Sqm	
11	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 kota stone	150.00	Sqm	
12	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.	750.00	Sqm	
13	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(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 ductof hostels.)	625.00	Kgs	

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. (concelled work including cutting chases and making good the wall etc) 25 mm nominal size Make:- Finolex/Supreme/Ashirvad	230.00	Meter	
15	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. (concelled work including cutting chases and making good the wall etc) 20mm nominal size Make:- Finolex/Supreme/Ashirvad	120.00	Meter	
16	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) Exposed on wall 40 mm dia nominal bore class B Make:- TT Swastik/Jindal/Surya	85.00	Meter	
17	Providing & fixing PVC SWR pipe 110 mm of class A having pressure 4.0 Kg/cm ² . Make:- Finolex/Supreme/Ashirvad	250.00	Meter	
18	Providing & fixing PVC P Trap 110 mm size (Make Finolex/supreme/Ashirvad)	75.00	Each	
19	Providing & fixing PVC Tee size 110 mm size (Make Finolex/supreme/Ashirvad)	60.00	Each	
20	Providing & fixing PVC bend 110 mm size (Make Finolex/supreme/Ashirvad)	50.00	Each	
21	Providing & fixing PVC Door Y Tee size 110 mm size (Make Finolex/supreme/Ashirvad)	60.00	Each	
22	Providing & fixing Gate valve 1.5" dia. Make:- Venus/BS/Harry/Eico	4.00	Each	
23	Providing & fixing Gate valve 1.0" dia. Make:- Venus/BS/Harry/Eico	4.00	Each	
24	Providing & fixing shower with arm (Bend shower) Make:- Cera/somany/Hindware/Grafador	16.00	Each	
25	Providing and fixing S.S. handle of size 150 mm length with ss screws complete in all respect	75.00	Each	
26	Providing and fixing s.s. tower bolt with necessary screws and fitting 150x10 mm	30.00	Each	

27	Providing and fixing at WPC door the Steel 6 PIN Hanger with all screws etc.	35.00	Each	
28	Providing and fixing S.S. Hold draft 200mm	35.00	Each	
29	Providing & fixing CockroachJali,Grating of any size	60.00	Each	
30	Supply & fixing G.I. Union ISI marked in G.I. pipe line as required complete in all respect of size :40 mm	8.00	Each	
31	Supply & fixing G.I. Union ISI marked in G.I. pipe line as required complete in all respect of size :25 mm	8.00	Each	
32	Supply & fixing CPVC Union ISI marked in G.I. pipe line as required complete in all respect of size :25 mm	10.00	Each	
33	Providing & fixing PVC Door Bend size 110 mm size (Make Finolex/supreme/Ashirvad)	50.00	Each	
34	Providing & fixing PVC socket plug 110 mm size (Make Finolex/supreme/Ashirvad)	75.00	Each	
35	Providing & fixing PVC door cap 110 mm size (Make Finolex/supreme/Ashirvad)	75.00	Each	
36	Providing & fixing PVC Nanhi Trap 110 mm size (Make Finolex/supreme/Ashirvad)	55.00	Each	
37	Repair to brick masonry in cement sand mortar 1:6 with new brick.	50.00	sqm	
38	Providing and fixing S Type European camode ,colour and sample to be approved by competent authority of university including cost of flush tank,seat cover,jet spray&hand faucet and all accessories. Make:- Somany/Cera/Hindware/Grafador	16.00	Each	
39	Providing and fixing bowl/counter wash basin of size 20"x16"x9" ,color and sample to be approved by competent authority of university including cost of pvc connection pipes,couplingetc.Make:-Somany/Cera/Hindware	12.00	Each	
40	Providing & fixing steel sink of size 36"x18"x9" with sink coupling,waste pipe etc.Make:-NIRALI	4.00	Each	
41	Providing & fixing Mixer of approved make and sample to be approved from competent authority Make:-Cera/Grafador/Somany/L&K/Kingston	28.00	Each	
42	Providing and fixing C.P. brass short body bib cock (Round head-washer body) of approved quality conforming to IS:8931 : (15 mm nominal bore) weight not less than 380-400 gm .Make:-Cera/Grafador/Somany/L&K/Kingston	8.00	Each	
43	Providing and fixing long body bib cock (washer body) of approved quality conforming to IS:8931 : (15 mm nominal bore) Make:- Cera/Grafador/Somany/L&K/Kingston	4.00	Each	
44	Providing and fixing C.P. brass angle valve (Round head- washer body) for basin mixer and geyser points of approved quality	116.00	Each	

	conforming to IS:8931 (15mm nominal bore)Make:- Cera/Grafdor/Somany			
45	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)	5.00	sqm	
46	Plaster on new surface on wall in cement sand mortar 1:3 including racking of joints etc. complete fine finish :20mm thick	600.00	sqm	
47	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 approved from authority before fixing)	160.00	sqm	
48	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).	25.00	Cum	
49	Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles or any colour and combination as decided by university confirming to IS : 13753 & IS :15622 of size 300mm x 450mm 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) MAKE:- Somany,Johnson,kajaria,OrientBell	600.00	Sqm	
50	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 Marble printed / Granite shade or dark shade tiles instead of white, grey, ivory, or decided by university in	160.00	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) MAKE:- Somany,Johnson,kajaria,Orient Bell			
51	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 ZedBlack1501 Cm2 to 3600 Cm2	30.00	Sqm	
52	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 mortar1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete.Makrana 'Adanga'.1501Cm2 to 3600 Cm2 Tiles	55.00	Sqm	
53	Providing & fixing 18 mm thick solid PVC sheet UPVC coated prelaminate (one side decorative and one side balancing) density 550 kg/m3in wash basin shutter & urinal partition with frame all round including handles,magnet,auto hinges(SSSteel 304 grade)	25.00	Sqmtr	
54	Wall Painting with plastic emulsion paint of brand (Asian Paint, Nerolac, Berger,Birla) to give an even shade on Old Work with change of colour and including all scaffolding at all height and all floor including repairing with putty where ever necessary and paint to be applied with brushes/roller only.	50.00	Sqmtr	
55	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	
56	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.	7.00	Sqm	
57	P/F CPVC Control valve 20 mm diameter Make :-Finolex/supreme/Ashirvad	4.00	Each	
58	P/F pedestal WASH BASIN of size 18"x12" with all fittingsMake :- any/Cera/Hindware	4.00	Each	
59	Providing and fixing Swan Neck (Round head) of approved quality conforming to IS:8931 : (15 mm nominal bore) Make:- Cera/Grafdor/Somany/L&K/Kingston	16.00	Each	

60	Providing & fixing C.P.flange for 15mm dia taps.	200.0	Each	
61	Providing and fixing SS hinges 100 mm size.	105.0	Each	
62	providing and fixing aluminium door stopper with necessary screws and fitting	8.0	Each	
63	Providing & fixing SS Soap dish	16.0	Each	
64	Making of hole in R.C.C. slab/wall/beams and masonry wall (width up to 450 mm) complete as per direction of EIC ,diameter above 150mm	12.0	Nos.	
65	Providing & fixing aluminium ventilator consisting of aluminum frame of 16 gage with glazing (glass,grill ,wire wesh)including fixing in necessary fittings of any design as specified by EIC	350.0	Sqft	
66	Providing & fixing ceiling clip for holding SWR pipe of any size in true line and level.	150.0	Nos.	
67	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 550 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm ² , modulus of elasticity 850 N/mm ² 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 thk	70.0	sqm	
68	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Ceostory windows & 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 Code Description Unit Rate No. 542 SUB HEAD : 26.0 NEW TECHNOLOGIES AND MATERIALS star headed SS screws having minimum frame density of 650 kg/ cum , screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm ² , modulus of elasticity 900 N/mm ² 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	60.0	rmt	

	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			
69	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.)	49.0	PP	
ii	Medium point (up to 6 mtr)	25.0	PP	
70	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 Modular face plate with grid plate, screws, making connections, testing etc. as required. On board	25.0	PP	
71	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. 20 mm	230.0	MTR	
72	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			

	typeA/C/D , flame retardant as per IS 10810-53, better amperage rating as per IS:3961part5, 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	314.0	MTR	
ii	2 x 2.5 sq. mm. + 1x1.5sqmm	234.0	MTR	
iii	2 x 4.0 sq. mm. + 1 x 2.5 sq. mm.	185.0	MTR	
73	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	19.0	Each	
li	Four pole MCB (With B/C curve tripping Characteristics) 50/63 A rating	5.0	Each	
74	Providing & Fixing of Recessed/surface mounting heavy (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,Ferrules, detachable gland plate, including making connections, testing etc. as required. Metal door (Three phase) IK-09 and IP-43 duty horizontal type DoubleDoor			
	4 Way	5.0	Each	
75	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			

	then 20mm, including all as per approved by Engineer in charge, making connections, testing etc. as required. MAKE:- VINAY			
i	16 Amp. 2 Module switch	35.0	Each	
ii	6 Amp. 2 Module switch	25.0	Each	
iii	6 Amp Socket	25.0	Each	
iv	16 Amp socket	42.0	Each	
76	Providing & fixing water heater (GEYSER) of 15 ltrs capacity including cost of PVC connection of following make & model;- Make :- RACOLD (ABS Body)	16.0	Each	
77	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 ≥ 100 lm/Watt output, internal surge protection of 2.5 KV , THD < 20% , p.f. ≥ 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 charge. 1200mm , Min. Lumens output 2000 lm LED Tube rod with Polycarbonate Housing	15.0	Each	
78	Providing & Fixing of Double ball bearing, copper wound capacitor start single phase metallic blade fresh air fan, in existing opening including cost of hardware , flexible 3 core copper conductor , making connections, testing etc as required. All as per pre approved by Engineer in charge. For additional technical parameters of products/work , refer Annexure "A" attached with this BSR .			
	300 mm sweep	12.0	Each	
79	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 compliance 2.5 KV surge protected Isolated driver, with Short & Open circuit protection, having efficiency > 85% . System Lumen efficacy of	35.0	Each	

	≥ 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/ Screenprinting on housing. (12 to 15 watt) Recessed Mounting Minimum lumen output 1450 lm			
80	Providing & fixing water heater (GEYSER) of 10 ltrs capacity including cost of PVC connection of following make & model;- Make :- RACOLD (ABS Body)	8.0	Each	

FINANCIAL BID

S.No	Item	Qty	Unit	Price per unit	Amount	
					Rate in figures	Rate in words
1	Removing and handing over to NLU the fitted old G.I pipes concealed in walls of any diameter.	270.00	Meter			
2	Removing the fitted old PVC SWR pipe of any diameter.	145.00	Meter			
3	Dismantling stone masonry of any mortar including stacking of serviceable material and disposal of unserviceable material within 50 meter lead	3.50	Cum			
4	Removing waste of plaster,tiles broken in trolleys/dumper from outside campus including cost of labour etc.	100.00	Cum			
5	Dismantling existing gypsum board ceiling and removing waste from campus.	160.00	Sqmtr			
6	Demolishing and removing T angle frame of doors and handing over to NLU (pump room Ground Floor)	35.00	Nos.			
7	Removing existing iron ventilators from toilet and handing over to NLU (pump room Ground Floor)	20.00	Nos.			
8	Removing iron window from pantry window and handing over to NLU (pump room Ground Floor)	25.00	Nos.			
9	Removing and Hand over old sanitary fitting to NLUJ at pump room (Ground floor)	200.00	Each			
10	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.	750.00	Sqm			
11	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 kota stone	150.00	Sqm			
12	Dismantling old plaster or skirting, raking out joints and cleaning the surface for plaster	750.00	Sqm			

	including disposal of rubbish to the dumping ground within 50 meter lead.					
13	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(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.)	625.00	Kgs			
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. (concelled work including cutting chases and making good the wall etc) 25 mm nominal size Make:- Finolex/Supreme/Ashirvad	230.00	Meter			
15	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. (concelled work including cutting chases and making good the wall etc) 20mm nominal size Make:- Finolex/Supreme/Ashirvad	120.00	Meter			
16	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) Exposed on wall 40 mm dia nominal bore class	85.00	Meter			

	B Make:- TT Swastik/Jindal/Surya					
17	Providing & fixing PVC SWR pipe 110 mm of class A having pressure 4.0 Kg/cm2.Make:- Finolex/Supreme/Ashirvad	250.00	Meter			
18	Providing & fixing PVC P Trap 110 mm size (Make Finolex/supreme/Ashirvad)	75.00	Each			
19	Providing & fixing PVC Tee size 110 mm size (Make Finolex/supreme/Ashirvad)	60.00	Each			
20	Providing & fixing PVC bend 110 mm size (Make Finolex/supreme/Ashirvad)	50.00	Each			
21	Providing & fixing PVC Door Y Tee size 110 mm size(MakeFino x/supreme/Ashirvad)	60.00	Each			
22	Providing & fixing Gate valve1.5" dia. Make:- Venus/BS/Harry/Eico	4.00	Each			
23	Providing & fixing Gate valve1.0" dia.Make:- Venus/BS/Harry/Eico	4.00	Each			
24	Providing & fixing shower with arm (Bend shower)Make:- Cera/somany/Hindware/Grafdor	16.00	Each			
25	Providing and fixing S.S. handle of size 150 mm length with ss screws complete in all respect	75.00	Each			
26	Providing and fixing s.s.tower bolt with necessary screws and fitting 150x10 mm	30.00	Each			
27	Providing and fixing at WPC door the Steel 6 PIN Hanger with all screws etc.	35.00	Each			
28	Providing and fixing S.S. Hold draft 200mm	35.00	Each			
29	Providing & fixing CockroachJali,Grating of any size	60.00	Each			
30	Supply & fixing G.I. Union ISI marked in G.I. pipe line as required complete in all respect of size :40 mm	8.00	Each			
31	Supply & fixing G.I. Union ISI marked in G.I. pipe line as required complete in all respect of size :25 mm	8.00	Each			
32	Supply & fixing CPVC Union ISI marked in G.I. pipe line as required complete in all respect of size :25 mm	10.00	Each			
33	Providing & fixing PVC Door Bend size 110 mm size (Make Finolex/supreme/Ashirvad)	50.00	Each			

34	Providing & fixing PVC socket plug 110 mm size (Make Finolex/supreme/Ashirvad)	75.00	Each			
35	Providing & fixing PVC door cap 110 mm size (Make Finolex/supreme/Ashirvad)	75.00	Each			
36	Providing & fixing PVC Nanhi Trap 110 mm size (Make Finolex/supreme/Ashirvad)	55.00	Each			
37	Repair to brick masonry in cement sand mortar 1:6 with new brick.	50.00	sqm			
38	Providing and fixing S Type European camode ,colour and sample to be approved by competent authority of university including cost of flush tank,seat cover,jet spray&hand faucet and all accessories. Make:Somany/Cera/Hindware/Grafador	16.00	Each			
39	Providing and fixing basin of size 20"x16"x9" ,color and sample to be approved by competent authority of university including cost of pvc connection pipes,couplingetc.Make:- Somany/Cera/Hindware	12.00	Each			
40	Providing & fixing steel sink of size 36"x18"x9" with sink coupling,waste pipe etc.Make:- NIRALI	4.00	Each			
41	Providing & fixing Mixer of approved make and sample to be approved from competent authority Make:- Cera/Grafdor/Somany/L&K/Kingston	28.00	Each			
42	Providing and fixing C.P. brass short body bib cock (Round head-washer body) of approved quality conforming to IS:8931 : (15 mm nominal bore) weight not less than 380-400 gm .Make:- Cera/Grafdor/Somany/L&K/Kingston	8.00	Each			
43	Providing and fixing long body bib cock (washer body) of approved quality conforming to IS:8931 : (15 mm nominal bore) Make:- Cera/Grafdor/Somany/L&K/Kingston	4.00	Each			
44	Providing and fixing C.P. brass angle valve (Round head-washer body) for basin mixer and	116.00	Each			

	geyser points of approved quality conforming to IS:8931 (15mm nominal bore)Make:- Cera/Grafdor/Somany					
45	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)	5.00	sqm			
46	Plaster on new surface on wall in cement sand mortar 1:3 including racking of joints etc. complete fine finish:20mmthick	600.00	sqm			
47	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 approved from competent authority before fixing)	160.00	sqm			
48	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).	25.00	Cum			
49	Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles or any colour and combination as decided by university confirming to IS : 13753 & IS :15622 of size 300mm x 450mm in walls, floors, steps, pillars etc. laid	600.00	Sqm			

	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) MAKE:- Somany,Johnson,kajaria,Orient Bell					
50	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 Marble printed / Granite shade or dark shade tiles instead of white, grey, ivory, or decided by university 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) MAKE:- Somany,Johnson,kajaria,Orient Bell	160.00	Sqm			
51	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 ZedBlack1501 Cm2 to 3600 Cm2	30.00	Sqm			
52	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 mortar1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete.Makrana 'Adanga'.1501Cm2 to 3600 Cm2 Tiles	55.00	Sqm			
53	Providing & fixing 18 mm thick solid PVC sheet UPVC coated	25.00	Sqmtr			

	prelaminated (one side decorative and one side balancing) density 550 kg/m ³ in wash basin shutter & urinal partition with frame all round including handles, magnet, auto hinges (SS Steel 304 grade)					
54	Wall Painting with plastic emulsion paint of brand (Asian Paint, Nerolac, Berger, Birla) to give an even shade on Old Work with change of colour and including all scaffolding at all height and all floor including repairing with putty where ever necessary and paint to be applied with brushes/roller only.	50.00	Sqmtr			
55	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			
56	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.	7.00	Sqm			
57	P/F CPVC Control valve 20 mm diameter Make :-Finolex/supreme/Ashirvad	4.00	Each			
58	P/F pedestal WASH BASIN of size 18"x12" with all fittings Make :-any/Cera/Hindware	4.00	Each			
59	Providing and fixing Swan Neck (Round head) of approved quality conforming to IS:8931 : (15 mm nominal bore) Make:-Cera/Grafdor/Somany/ L&K/Kingston	16.00	Each			
60	Providing & fixing C.P.flange for 15mm dia taps.	200.0	Each			
61	Providing and fixing SS hinges 100 mm size.	105.0	Each			
62	providing and fixing aluminium door stopper with necessary screws and fitting	8.0	Each			
63	Providing & fixing SS Soap dish	16.0	Each			
64	Making of hole in R.C.C. slab/wall/beams and masonry wall (width up to 450 mm) complete as per direction of EIC ,diameter above 150mm	12.0	Nos.			
65	Providing & fixing aluminium ventilator consisting of aluminum frame of 16 gage with glazing (glass, grill ,wire wesh)including fixing in	350.0	Sqft			

	necessary fittings of any design as specified by EIC					
66	Providing & fixing ceiling clip for holding SWR pipe of any size in true line and level.	150.0	Nos.			
67	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 550 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm ² , modulus of elasticity 850 N/mm ² 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 thk	70.0	sqm			
68	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Ceometry windows & 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 Code Description Unit Rate No. 542 SUB HEAD : 26.0 NEW TECHNOLOGIES AND MATERIALS star headed SS screws having minimum frame density of 650 kg/ cum , screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm ² , modulus of elasticity 900 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer	60.0	rmt			

	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					
69	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.)	49.0	PP			
ii	Medium point (up to 6 mtr)	25.0	PP			
70	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 Modular face	25.0	PP			

	plate with grid plate, screws, making connections, testing etc. as required. On board					
71	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. 20 mm	230.0	MTR			
72	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 oxidation, insulation PVC type A/C/D, flame retardant as per IS 10810-53, better ampere 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	314.0	MTR			
ii	2 x 2.5 sq. mm. + 1x1.5 sq. mm	234.0	MTR			
iii	2 x 4.0 sq. mm. + 1 x 2.5 sq. mm.	185.0	MTR			
73	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 35 sq. 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	19.0	Each			
ii	Four pole MCB (With B/C curve tripping Characteristics) 50/63 A rating	5.0	Each			
74	Providing & Fixing of Recessed/surface mounting heavy (Metal / Glazed) Distribution board made out from Galvanized steel /CRCAsheet 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 terminations with copper lugs, Ferrules, detachable gland plate, including making connections, testing etc. as required. Metal door (Three phase) IK-09 and IP-43 duty horizontal type Double Door					
	4 Way	5.0	Each			
75	Providing & Fixing of modular type switch/bell push duty ISI marked (IS :3854) with CM/L no. printed and made out of unbreakable and fire retardant virgin UV Stabilized Polycarbonate with brass terminals and captive screws & silver alloy contact tip with IP-20 rating, minimum width of switch toggle (PUSH PART) should not less than 20mm, including all as per approved by Engineer in charge, making connections, testing etc. as required. MAKE:- VINAY					
i	16 Amp. 2 Module switch	35.0	Each			
ii	6 Amp. 2 Module switch	25.0	Each			
iii	6 Amp Socket	25.0	Each			
iv	16 Amp socket	42.0	Each			
76	Providing & fixing water heater (GEYSER) of 15 ltrs capacity including cost of PVC connection of following make & model:- Make :- RACOLD (ABS Body)	16.0	Each			

77	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 ≥ 100 lm/Watt output, internal surge protection of 2.5 KV ,THD < 20% ,p.f.≥ 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 charge. 1200mm , Min. Lumens output 2000 lm LED Tube rod with Polycarbonate Housing	15.0	Each			
78	Providing & Fixing of Double ball bearing, copper wound capacitor start single phase metallic blade fresh air fan, in existing opening including cost of hardware , flexible 3core copper conductor ,making connections, testing etc as required. All as per pre approved by Engineer incharge. For additional technical parameters of products/work ,refer Annexure "A" attached with this BSR .					
	300 mm sweep	12.0	Each			
79	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 compliance 2.5 KV surge protected Isolated driver, with Short	35.0	Each			

	& Open circuit protection, having efficiency > 85% . System Lumen efficacy of ≥ 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/ Screenprinting on housing. (12 to 15 watt) Recessed Mounting Minimum lumen output 1450 lm					
80	Providing & fixing water heater (GEYSER) of 10 ltrs capacity including cost of PVC connection of following make & model;- Make :- RACOLD (ABS Body)	8.0	Each			
				TOTAL		
				TAX		
				G.TOTAL		