

MUNGER UNIVERSITY, MUNGER (BIHAR)

(ADMINISTRATIVE BLOCK, SHASTRINAGAR, MUNGER, - 801201)

1. Name of work **FINISHING WORK OF HOSTEL AT HARI SINGH COLLEGE,
HAVELI KHARAGPUR...**

(To be mentioned on The envelop)

1. Estimated cost 4234095/- (Forty two lakhs thirty four thousands ninty five only)) ..
2. Cost of B.O. Q. (non – refundable) ...Rs 4000/- (Four Thousand only)...
3. Amount of earnest money Rs. 84682/- (Eighty four thousand six hundred and eighty two only).
4. Details of earnest money: In the shape of Six years N.S.C., five years post Office tene deposit, Bank draft Bankers cheque etc. duly pledged in favour of the Registrar, Munger University.....
5. Time of completion: Six month...
6. Date and Time of sale of B.O.Q.(if purchased from Registrar office): 18/08/2025
7. Date of Submission of sealed tender 28/08/2025 +

Notes :-

- i. All casting shall compulsorily be done by using vibrator & mixer machine at pile work.
- ii. Unless otherwise specified, only TATA, SAIL, JSW and JINDAL T.M.T. Steel shall be used.
- iii. The agency shall have to keep at least three cubes at the site of the work for quality testing. The expenditure on quality test shall be borne by the Agency.
- iv. Only designation 100 A (First class) bricks shall be used.
- v. Only high class paints / Snowcem approved by E/I. and U.E. shall be Used.
- vi. Payments of works beyond agreement items if any shall be made as per S.R. plus.....% above or below on which the work is allotted to the agency.
- vii. It is compulsory to indicate total amount at the end after filling rate of each and every items separately failing which the tender is liable to be rejected.
- viii. No claims whatsoever shall be entertained in case of any delay in the payment.
- ix. Only potable water shall be used in the construction work for which arrangement is to be made by the agency itself.
- x. It is compulsory to execute agreement within (15) fifteen days from the date of allotment of work, failing which the allotment shall be cancelled and Earnest Money deposited at the time of submission of tender shall automatically be forfeited.
- xi. Foundation work shall be executed as per site condition.
- xii. 1% cess in addition to Sale-Tax, Income tax and royalty shall be deducted as per rules from contractor's bills.


Registrar/ Architect

MUNGER UNIVERSITY, MUNGER (BIHAR)

(ADMINISTRATIVE BLOCK, SHASTRINAGAR, MUNGER, - 801201)

B.O.Q

To be filled in by the Contractor.

2. Name of work ...**FINISHING WORK OF HOSTEL AT HARI SINGH COLLEGE,
HAVELI KHARAGPUR...**
3. Date of tender.....
4. Quoted rate (both in words and figures)
 - (a) On SR' (w.e.f 01.01.2022)-.....(in words
 - (b) Below SR' (w.e.f 01.01.2022))-.....(in words)
 - (c) Above SR' (w.e.f 01.01.2022))-.....(in words.....)
5. Registration No.
6. Details of I.T.C.C.
7. Details of GST
8. Details of labour license AS / GOVT LAWS
9. Time of complete required
By the contractor.
10. Time of complete Money deposited &
any other document if the tender wishes
to furnish.
11. Signature of Contractor
With full address & contact nos.

Signature of Tenderer

MUNGER UNIVERSITY, MUNGER

NOTICE INVITING TENDER

Tender No. 01/25

Date 16/08/25

1. Scaled tenders are invited for “**FINISHING WORK OF HOSTEL AT HARI SINGH COLLEGE, HAVELI KHARAGPUR**” in two bids (technical and financial bid in separate envelope) on approved Bill of Quantity from Registered Contractor of appropriate category in University works Dept./ Building construction dept. govt of Bihar, C.P.W.D. . to be eventually drawn in P.W.D. form no. F-2 will be received up to 1.00 P.M. on 29.-8.2025 by the Registrar, Munger University, Munger for the work and will be opened on the same day at 5.00 PM in the presence of tender or their authorized agents whoever may be present in the office of the Registrar. Munger University.
2. Tenderers should quote rates as below / above/ on B.O.Q. rates on the percentage basis both in figure and words of all items of works as a whole. They are also required to quote rate against each item of work separately.
3. The rate shall be inclusive of all taxes, royalties, carriages and all other incidental charges, payment of which will be sole responsibility of Contractors.
4. (a) The amount of estimate is 4234095/- (Forty two lakhs thirty four thousands ninty five only))
(b) Percentage of rate quoted shall be up to two places after decimal and not lower and above .
 $A-B/A \times 100 < \text{or} = 15\%$ will be deemed to be unworkable and tenders containing such rates will be out rightly rejected.
Where A = Estimated amount.
B = Quoted amount .
5. The work is to be completed within a period of six months From the date of issue of written order of commencement of the work.
6. All tenders are required to deposit Earnest Money of Rs. 84682/- (Eighty four thousand six hundred and eighty two only) in the shape of Six years N.S.C., five years post Office term deposit, Bank draft Bankers cheque etc. duly pledged in favour of the Registrar, Munger University .
Tender not accompanied with Earnest Money as specified above shall be out rightly rejected
7. All information can be obtained from the office of the Registrar, on submission of application addressed to the Registrar.
8. B.O.Q. can be obtained from the office of the Registrar, Munger University or download from university web site www.mungeruniversity.ac.in, Munger University, Munger on payment of Rs.4000/- (Four thousand only(Non – refundable)). If B.O.Q. is downloaded from website, cost of B.O.Q. should be attached alongwith tender papers, otherwise tender paper will be summarily rejected.
9. To obtain B.O.Q. from office, following papers must be produced to obtain B.O.Q. from Registrar office (i) upto date labour license, (ii) Sale Tax Registration & Clearance certificate,(iii) income Tax Clearance Certificate, (iv) Contractors Registration Certificate (v) Character Certificate on any working day during working hours except on the date of receiving tender.
10. The downloaded tender documents & B.O.Q. must be submitted to the authority along with (i) upto date labour license, (ii) Sale Tax Registration & Clearance certificate,(iii) income Tax Clearance Certificate, (iv) Contractors Registration Certificate (v) Character Certificate (vi) the cost of BOQ, (vii) earnest money.
11. Authority reserves the right to reject any or all the tenders received, no reason for the rejection of all or any of the tenders, whatever may be, will be given. Authority also reserves the right to distribute the work among two or more tenderers.
12. The Earnest Money of the successful tenderer will be forfeited in case he declines to sign the agreement of contract or to deposit balance of stipulated initial security money within ten days of

[Signature]
16/8/25
Dr. Ghanshyam Rout
Registrar
Munger University, Munger-811201

being called upon to do so after acceptance of this tender.

13. Conditional tender will not be accepted.
14. It will be obligatory on the part of the tenderer to keep his offer open for acceptance for the period of 180 days from the date of opening tenders.
15. special conditions will form the part of the agreement.
16. 'GST equal to 2% (two percent) shall be deducted from the bills.
17. Tenderer shall have to submit the Photostat copy of up to date income tax Clearance Certificate. Sales -Tax clearance Certificate, Labour License, Contractor's Registration Certificate, Character Certificate with tender papers, otherwise the tender shall be rejected.
18. 'Contractor should be registered with the Sales Tax dept. and a photocopy of the Registration Certificate should accompany with the tender paper otherwise the tender shall be rejected.
19. 'Bill of Quantity shall be issued to the contractors on production of Sales Tax Certificate, Contractors Registration Certificate, I.T. & S.T. Clearance Certificate & Character Certificate etc. in original.
20. 'A photocopy of the Character Certificate from the District Magistrate / Superintendent of Police duly signed by the competent authority should be attached with the tender paper otherwise the tender shall be rejected.

[Signature]
Registrar Architect

Munger University , Munger

Kishore
16/08/25

(Dr. Ghanshyam Roy)
Registrar
Munger University, Munger-811201

MUNGER UNIVERSITY, MUNGER

SPECIAL CONDITIONS

1. (a) Tender must be accompanied by a letter stating works of similar nature and magnitude have been done by the tenderer with the name of work, value of contract, time allotted/actual time taken in completion of the work (stating briefly the reasons for delayed completion of work, if any) and a certificate from the Executive Engineer/ University Engineer /head of the institution under whom the work has been executed with the seal of his office.
 - (b) Details of other works of similar nature and magnitude completed by tenderer or in hand on the date of this tender with aforesaid details mentioned in the preceeding sub-para.
 - © Details of technical personnel's to be employed by the tenderer on this particular work starting their qualification and experience with supporting papers.
 - (d) Details with descriptive narration of plants and machineries for th period of at least six months to be used and its position regarding a viability of the same with the copies of certificates if any.
2. Tenderer must examine the site and the various aspects likely the construction/ renovation cost and then quote rate with full knowledge of all condition.
3. The work must be carried out strictly as per.
 - (a) Department specification and I.S.I specification.
 - (b) Design and Drawing duly approved by competent authority. Ignorance of specification and design and drawing shall not be any excuse and work found contrary to above shall not be acceptable and paid and shall be got removed at contractors cost.
5. All rate quoted in the tender should be for complete job including all carriage, royalty, GST, Income Tax and other taxes, the payment of which shall be sole Responsibility of the contractor .
2. Rules laid down in motor Vehicle Act –xx will have to be followed.
3. Labour Rules fixed from time to time shall have to be followed .
4. Stone chips, stone metals, bricks and sand confirm to I.S.I. specification and shall be as per samples approved by the Engineer in – Charge.
5. The centering and reinforcement for the R.C.C. work and wood work in doors and Windows and roof members should be got approved by Engineer- in- charge before taking up sequence of works.
6. Tender has to make complete arrangements for all accessories, plants and machines required for the execution of the work.
7. The contractor shall use tools and plants, machineries and equipments after duly approved by Engineer in – charge, for which hire charges will not be payable by the college/university.
8. Contractor shall have to maintain necessary technical organization for proper execution of works. He should employ only such persons who are skilled and experienced in their similar trades and working and the authorized University Engineer/architect shall be at liberty to object and require the contractor to remove any person employed by the contractor who is in his opinion is guilty of his conducts or is incompliant or negligent in proper performance of his duties and such person shall not be employed by the contractor without permission of the site incharge/Engineer.
9. No conditional tender will be accepted.
10. Structural steel should be cleaned of foreign materials before use, at the cost of contractors.


(Dr. Ghanshyam Roy)
Registrar
Munger University, Munger-811201

11. No building materials shall be supplied by the University Works departments.
12. Any addition and alternation in the work must be done under of the competent authority. The contractor shall get such orders from competent authority in writing or duly entered in site order book taking sanction by officer not below the rank of Registrar/Assistant Engineer.
13. Site order book and reinforcement register shall be maintained by the junior Engineer on site which will be the property of the college/university. The contractor will mention the name of his authorized representative and attest his signature in the site order Book, who will receive instruction from college/university to comply them on his behalf(contractor).
In case the instructions are not being signed and complied by the authorized representative deliberately is deemed fit to cancel the work order under the relevant clauses of the agreement.
14. The value of work to be done should not exceed the agreement amount.
15. Payment will be made subject to availability of fund and no claim what so ever shall be entertained for non-payment on this score.
16. Quoted rates shall be based on leads from sources of essential/building materials as given in annexure-1.
17. Sand for brick masonry shall confirm to I.S.2160-1905 and fineness modulus shall not be less than 1.8 fine silt passing 203 B.S. sieve or micron sieve shall not be more than 5% in any case.
18. Sand for concrete work shall be of approved grading and fineness modulus shall not be less than 2.2 in any case and for other works fineness modulus will be less than 1.8.
19. All necessary labour, land, materials, equipments etc for sampling and preparing test specimen for different type of construction with minimum desired frequency given below shall be provided by the contractor. Testing of materials and concrete may be arranged by the engineer in- charge in an approved laboratory at the cost of the contractor.
20. The contractor will have to submit a phased programmed for the completion of the major items of works after approval by the University Engineer shall be strictly adhered to. In addition he shall submit a phased fortnightly programmed of process of construction of each item so as to complete the work within the specified period of completion.
21. The authority reserves the right of deleting any item out of the tendered items without any violation of the contract.
22. Before executing agreement the tenders are required to produce a copy of registration and license for labour contract with labour dept. Govt. of Bihar as per labour contract Act. 1970 and its subsequent amendments, if any, without which the agreements may not be executed and Earnest Money may be forfeited if deemed fit.
23. All the materials to be used in works must be shown & got approved by the architect engaged by University before using them in works and brought to site for actual consumption in works.
24. Recovery on account of royalty & access on materials used in the bill be made from running on account bills to the event involved at rate approved by the concerned Govt. dept. From time to time during the entire period of contract till payment of final bill. Part or full amounts so deducted can only be refunded after obtaining clearance to the effect from the District Mining Officer.
25. All labourer are to be paid wages as per current, minimum wages Act .During the entire period of execution of work .
26. The contractor will provide labour butts, drinking water etc to the labours working at site and keep the site clean and tidy at his own cost as per rules and regulations of the Govt . of Bihar and central Govt. of which he should keep himself fully conversant and upto date .
27. All materials to be supplied by the contractor for use in work should get approved by the engineer/archtecte in – charge prior to their use in works. All rejected materials shall have to be removed promptly atest within 10 day after rejection from the site otherwise the in – charge can dispose them off in any way he likes and for which no claim what so ever will be payable . The cost involved in their removal will also be recovered from the contractor and a certificate to this effect from the Engineer – in –charge shall be final bindings and conclusive on the contractor.

[Signature]
16/11/2015
(Dr. Ghanshyam Roy)
Registrar
Munger University, Munger-811201

28. No. claim will be entertained for other items of work if done by the contractor unless order in writing by competent authority is available, verbal orders will not be binding on either side .
29. Payment may be completely denied for particular unfinished items of work , if deemed fit by the authority.
30. The contractor will not be compensated for any loss due to increase in hire or running either by central state or semi – Govt.Private bodies.
31. The contractor shall be responsible for all sorts of accidents occurred due to mismanagement of the contractor who shall be responsible to pay any damage or compensation on account of such accident.
32. The department will not pay compensation for the loss incurred due to :
 - (i) Labour strikes

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16/08/2025

(Dr. Ghanshyam Roy)
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Munger University, Munger-811201

- (ii) Payments to labours arising out of the award by labour tribunal for any part of the strike period or enhanced wages.
- (iii) Any losses suffered due to war or enemy action whether declared or undeclared.
- (iv) Fire, Famine, epidemics, riots or any other natural calamities.
- (V) Stoppage of work due to any cause of circumstances.
33. GST shall be charged 1% /GST /CGST from the Bills.
34. Contractor should be registered with the sales tax dept. and a photo of the registration certificate should accompany with the tender paper.
35. A photo copy of character certificate obtained from the District Magistrate / Superintendent of Police duly signed by them should be attached with the tender paper otherwise the tender shall be rejected.

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16/08/25


16/08/25
Registrar/architect
Munger University
(Dr. Ghanshyam Roy)
Registrar
Munger University, Munger-811201

MUNGER UNIVERSITY, MUNGER
(Administrative Block, Shastrinagar, Munger – 811201)

B.O. Q

Papers /Copies of Documents to be attached with tenders :

1. Upto date labour licence No.....
2. I.T.Clearance.....
3. Sales Tax No / Vat No.....
4. Character certificate:
5. Registration in appropriate categories:
6. Payment certificate / credential certificate:
.....
.....
7. Time of completion:
8. Details of Earnest Money deposited :
.....
.....
9. Any other document if the
Tenders may like to submit:

Signature of Tendorer

MUNGER UNIVERSITY

(Administrative Block, Shastrinagar, Munger – 811201)

DECLARATION

(To be filled in the contractor / agency)

I sri -----son of Sri-----of

Village / mohalla-----P.O-----

P.S-----Distt-----Telephone/mobile no-----

Hereby declare that under any circumstances I would not sublet the work of construction of

.....if

allotted to me . I further declare that I would undertake the execution of agreement and all official works my self. The execution of works, preparation of bills and receipt of bills etc. shall be done directly by me and not by any of my authorized persons . if at any stage it is found that the work has been sublet or is being sublet the tender / allotment of work will be cancelled and the EMD./ESD. shall be forfeited.

Signature

Place : -----

Mo:-----

Date : -----

Note : The tender is liable to be rejected if not accompanied with this declaration form duly filled in .

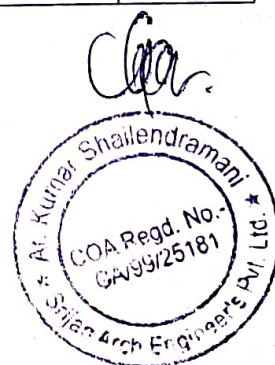
HARI SINGH COLLEGE, HAVELI KHARAGPUR						
MUNGER UNINVERSTY, MUNGER						
WORK :- BILL OF QUANTITY FOR FINISHING WORK OF HOSTEL AT HARI SINGH COLLEGE, HAVELI KHARAGPUR, BIHAR						
Rates are based on SOR 2022 (w.e.f. 01.01.2022) for Civil & SOR 2023 (w.e.f. 01.09.2023) for Electrical Works						
BUILT UP AREA=						
S. No	Description of Items	Qty IN SQM.	Unit	Rate (As per BSR 2022)	Amount (In Rs.)	Item Code
1	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and	218.55	cum	287.30		2.28
2	Providing and laying in position cement concrete of specified grade excludng the cost of centring and shuttering- all work upto plinth level.					
a)	1:1.5:3(1 Cement :1.5 coarse sand:3 graded stone aggregate 20mm nominal size)	33.13	cum	4918.50		4.5.2
3	Extra for providing and mixing water proofing material in cement concrete work in the proportion recommended by	185.53	per 50 kg cement	57.16		4.12
4	REINFORCED CEMENT CONCRETE					
	Centring and shuttering including strutting,propping etc. and removal of form for.					5.90
	Suspended floors, roots, landings, balconies and access platform.					
	PARAPET BEAM					
		4.32	sqm	437.50		5.9.20
5	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.					
	Thermo-Mechanically Treated bars TMTC-500-8mm dia.	450.00	Kg	94.50		5.22.7A
	Thermo-Mechanically Treated bars TMTC-500-10mm dia.	950.00	Kg	92.60		5.22.7B
6	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering finishing and reinforcement, M-20 grde reinforcd cement concrete					
	All work from plinth level upto floor V level - Beams, planth beams, girders, bressumers, cantilevers, Suspended floors	4.32	cum	5877.20		5.33A.2.2
	BRICK WORK					
7	Brick work with bricks of class designation 100A in foundations and plinth in :Cement mortar 1 :4 (1 cement: 4 coarse sand)	41.64	cum	5017.90		6.1.12/1
8	Extra for Brick work in superstructure above plinth level upto floor V cum	77.63	cum	842.20		6.3A
	SUB HEAD TOTAL					0.00
	WOOD AND P.V.C. WORK					
9	Providing wood work in frames of doors, windows, celresory windows and other frames, wrought framed and fixed in position. Salwood	0.82	cum	95670.70		9.1.2



10	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters				
	35 mm thick including stainless steel butt hinges with necessary screws-				
		38.43	sqm	2245.60	9.20.1
11	Providing 40x5mm flat iron hold fast 40cm long including fixing to frame with 10mm diameter bolts,nuts and wooden plugs and embeddings in cement concrete block 30x10x15cm 1:3:6(1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)	96.00	each	130.80	9.53
12	Providing and fixing aluminium sliding tower bolt anodised (anodic coating not less than grade AC 10 as per IS : 1888) transparent or dyed to required colour and shade with nuts and screws etc. complete:				
a)	300 x 10 mm	12.00	each	111.40	9.97.1
b)	150 x 10 mm	4.00	each	71.60	9.97.4
					9.218
13	Providing and fixing aluminium sliding door bolt anodised (anodic coating not less than grade AC 10 as per IS : 1888) transparent or dyed to required colour and shade with nuts and screws etc. complete: 300 x 18 mm				
a)	300x18 mm	12.00	each	235.50	9.96.1
b)	250x18 mm	4.00	each	195.50	9.8.2
					9.222
14	Providing and fixing aluminium handles anodised (anodic coating not less than grade AC 10 as per IS : 1888) transparent or dyed to required colour and shade with nuts and screws etc. complete: 125mm				
a)	125 mm	24.00	each	57.10	9.100.1
b)	100 mm	8.00	each	50.30	9.100.2
15	Providing and fixing aluminium hanging floor door stopper anodised (anodic coating not less than grade AC 10 as per IS : 1888) transparent or dyed to required colour and shade with nuts and screws etc. complete: twin rubber stopper	12.00	each	60.80	9.101.2
16	Providing and fixing M.S. grills of requirement pattern in frames of windows etc. with M.S. flats, square or round bars etc.all complete				
a)	fixed to openings/wooden frames with rawl plugs screws etc				
	wt of steel -470x2.5 KG/SFT==1175 kg	1175.00	kg	161.10	9.48.2
17	Providing and fixing in position collapsible steel shutters with verticalchannes 20x10x2 mm and braced with flat iron diagonals 20x5 mm sizewith top and bottom rail of T-tron 40x40x6 mm with 40 mm dia steel pulleyscomplete with bots,nuts locking arrangement stoppers handles including applying a priming coat of approved steel primer.				
	staircase				
		6.51	sqm	6303.40	10.3
	SUB HEAD TOTAL				0.00
	STEEL WORK				
18	Steel work in built up tubular trusses Including cutting, hoisting, fixing in position and applying a priming coar of approved steel primer, welded and bolted including special shaped washers etc. complete Hot finished seamless type tubes	175.00	Kg	137.90	10.16.2



19	Steel work welded in built up sections/framed work including cutting hoisting, rixing in position and applying a priming coat of approved steel primer using structural steel, etc. as required in gratings, frames, guard bar, ladders,	175	Kg	114.60		10.32.2
20	Providing and fixing hand rail by welding etc. to steel ladder railings & staircases railing including applying a priming coat of approved steel primer.E.R.W tube 40 mm nominal dia	275	Kg	116.10		10.33.2
21	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / aneling,C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)					
	wt of aluminium -264*2.5=660	660	kg	480.00		21.1.2.3
22	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):					21.3.2
	With float glass panes of 5.50 mm thickness(weight not less than 12.50 kg/sqm)					
		24.54	SQM	1115.10		10.13B
23	Filling the gap in between aluminium frame & adjacent RCC/ Brick/Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.					
	Upto 5mm depth and 5 mm width					
		28.95	SQM	1115.10		21.8.1
24	Providing and fixing pressed steel door confirming IS code 351 manufactured from commercial mild steel sheet of 1.25 mm thickness including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50 x 25 mm or base ties of 1.25mm pressed mild steel welded or rigidly fixed together by . mechanical means, adjustable lugs with split end tail to each jamb including steel butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge:Profile C	2.60	M	405.80		10.15.1
25	Providing and fixing 1 mm thick M.S. sheet door with frame of 40x40x6 mmangle iron and 3mm MS gusset plates at the junction and corners.allnecessary fittings completeincluding applying a priming coat of approved steel primer.	2.60	sqm	3653.00		10.5.1



	SUB HEAD TOTAL				0.00
	FLOORING				
26	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15022 of approved make in colours such shades except white, Ivory, Grey, Fume Red, Brown, laid on 20 mm thick Cement mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete.				
	VERANDAH				
		24.89	sqm	1414.00	11.40
	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15022 (thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.				
		43.49	sqm	795.00	11.38
27	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. 25mm thick				
		294.71	sqm	1119.60	11.28.1
28	Kota stone slabs 20 mm thick in risers of steps skirting. Dado & pillars laid on 12 mm (average) thick cement mortar 1:3(1 cement; 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete.				
		50.36	sqm	1334.90	11.27
29	Extra for nosing in steps and treads of kota stone slab	8.05	m	82.90	11.31
30	Extra for kota stone flooring in steps and trades not exceeding 30 cm in width	26.56	sqm	18.10	11.32
	SUB HEAD TOTAL				0.00
	FINISHING				
31	6 mm cement plaster to ceiling of mix :1:4(1 cement: 4 coarse sand)				
		266.88	sqm	131.30	13.24.1
32	20 mm cement plaster of mix :1:3 (1 cement: 3 coarse sand)				
	NET QUANTITY (A)-(B)	965.08	sqm	227.60	13.13.1
33	Extra for providing and mixing water proofing material in proportion recommended by the manufacturers:	1231.96	sqm	12.80	13.38.5
33	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	1231.96	sqm	105.20	13.40A
34	providing and applying wall painting with emulsion paint of approved shade and design				
35	New work (Two or more coats) over and including priming coat with cement primer				
		266.88	sqm	86.40	13.92.1
36	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)				



		965.08	sqm	137.00		13.78.1 + 13.79.1
37	Applying priming coat: With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanized iron/steel works					
		125.67	sqm	34.60		13.81.3
38	Painting with ready mixed paint of approved brand and manufacture in all shades to give an even shade: New steel work (two or more coats)	125.67	sqm	83.50		13.82.1
39	Painting with oil type wood preservative of approved brand and manufacture					
a)	New work (two or more coat)					
		164.09	sqm	34.10		13.88.1
40	Applying priming coat with ready mix pink or grey primer of approved brand and manufacture on wood work(hard and soft wood).	163.94	sqm	39.70		13.81.1
41	Painting with ready mix paint of approved brand and manufacture in all shade to give an even shade: new wood work (two or more coats)	163.94	sqm	83.50		13.82.2
42	Painting (two or more coats) on rain water, soil, waste and vent pipes and fittings with synthetic enamel paint of approved brand and manufacture and required colour over a priming coat of ready mixed zinc chromatic yellow primer on new work.					
a)	75 mm diameter pipes	14.63	metre	27.60		13.86.2
b)	100 mm diameter pipes	14.63	metre	36.70		13.86.3
43	Providing and fixing polythene sheet.	275.00	sqm	30.00		Approved
	SUB HEAD TOTAL					
	ROOFING					
44	Providing asbestos cement 6 mm thick corrugated sheets roofing and fixing with G.I. J or L hooks bolts and nuts 8 mm dia G. I. plain and bitumen washers complete excluding the cost of purlins, rafters and trusses corrugated sheet upto 60 degree pitch	14.87	sqm	371.70		12.10.1
45	Providing and fixing on wall face unplasticised-PVC (working pressure 4 kgf per sqm) rain water pipes conforming to IS: 4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.					
a)	110 mm diameter	24	Metre	257.50		12.78.2
46	Providing and fixing on wall face unplasticised -PVC molded fittings/accessories for unplasticised-PVC rain water pipes conforming to IS: 4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.					
a)	Coupler-110mm	12	each	120.00		12.79.1.2
b)	Single tee with door 110x110x110mm	12	each	193.40		12.79.3.2
c)	Bend 87.5 - 110 mm bend	12	each	132.00		12.79.5.2
d)	Shoe plain - 110mm shoe	12	each	115.95		12.79.6.2
47	Providing and fixing unplasticised -PVC pipe clip of approved design to unplasticised PVC rain water pipe by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing on cement mortar(1:4) 1 cement: 4coarse sand and making good the wall etc complete-110mm					
a)	75mm	6	each	184.10		12.80.1
b)	110mm	4	each	182.72		12.80.2
48	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	6	each	47.90		12.81
	SUB HEAD TOTAL					0.00
	MISCELLANEOUS ITEM					
49	Extra for carriage cost of materials					
a)	Local Sand	0.00	cum	274.46		A/R
b)	Coarse sand	248.81	cum	1157.34		A/R
c)	cement	88.70	ton	198.00		A/R



d)	Reinforcement	10.51	ton	198.00		A/R
e)	Stone aggregate	75.08	cum	2189.28		A/R
f)	Bricks	47,470.00	0%	812.6		A/R
	SUB HEAD TOTAL					
50	SEIGNIORAGE FEES					
(A)	Coarse Sand	248.81	cum	25.080		
(B)	Local Sand	0	cum	14.19		
(C)	Stone Chips	75.08	cum	25.080		

BILL OF QUANTITY for Providing anti termite treatment work for finishing of hostel building BASED ON CURRENT SOR OF 2022

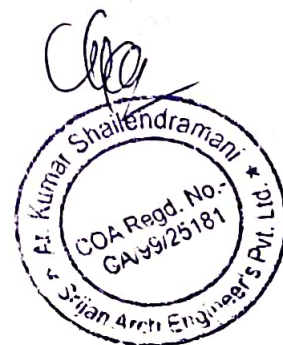
Sl.	Item of Work	Quantity	Unit	Rate	Amount (Rs.)	Remarks
	WIRING					
51	Supplying chemical emulsion in sealed containers including delivery as specified.					
	Chlorpyrifos/Lindone emulsifiable concentrate of 20%	150	litre	199.90		2.36
	Diluting and injecting chemical emulsion for POSTCONSTRUCTION anti-termites' treatment (including the cost of chemical emulsion)					2
52	a Along external wall where the apron is not provided using chemical emulsion @ 7.5 liters / sqm of the vertical surface of the substructure to a depth of 300 mm including excavation channel along the wall & rodding etc. complete					2.37.1
	With chlorpyrifos/Lindone E.C. 20% with 1% concentration	200	Meter	30.00		2.37.1.1
	b Along the external wall below concrete or masonry apron using chemical emulsion @ 2.55 litres per linear metre including drilling and plugging holes etc					2.37.2
	With chlorpyrifos E.C. 20% with 1% concentration	256	Meter	33.00		2.37.2.1
	c Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling and plugging 12 mm diameter holes with cement mortar 1:2 (1 cement: 2 coarse sand) to match the existing floor.					2.37.3
	With Chlorpyrifos EC 20% with 1% concentration	271	sqm	170.90		2.37.3.1
	d Treatment of existing masonry using chemical emulsion @ one litre per hole at 300 mm interval including drilling holes at 45 degree and plugging them with cement mortar 1:2 (1 cement: 2 coarse sand) to the full depth of the hole.					2.37.4
	With chlorpyrifos EC 20% with 1% concentration	200	Meter	42.40		2.37.4.1
	e Treatment at points of contact of wood work by chemical emulsion chlordane. (in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same.	80	Meter	165.10		2.37.5

WORK :- BILL OF QUANTITY WATER SUPPLY & SANITARY WORK BASED ON BCD SOR 2022.

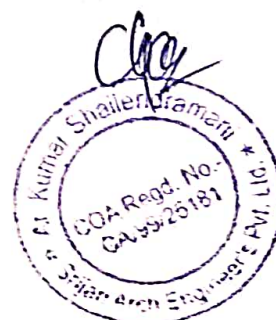
S. No	Description of Items	Qty	Unit	Rate	Amount (In Rs.)	Item Code
	SANITARY INSTALLATIONS					



53	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast iron P or S trap. 10 litres low level white P.V.C flushing cistern with manually controlled device (handle lever) conforming to IS 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required.					
a)	White vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.	2.00	Each	4251.10		17.1.1
54	Providing and fixing white vitreous china pedestal type water closet (European type) with seat lid. 10 litre low level	1.00	Each	5395.20		17.3.1
55	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm					
a)	Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern.	1.00	Each set	10416.60		17.4.4
b)	Providing and fixing one piece construction white vitreous chinasquatting plate with an integral longitudinal flushing					
	Range of two squatting plates with 5 litre P.V.C. automatic flushing cistern	2.00	Each set	7753.00		17.6.2
56	Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps 32mm, C.P. brass waste of standard					
a)	White vitreous china wash basin minimum size 630 mm x 400 mm single 15mm CP brass pillar tap	3.00	Each	2298.00		17.7.3
57	Providing and fixing 100mm sand cast iron grating for gully trap.	3.00	Each	44.60		17.29
58	Providing and fixing 600x450mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm	3.00	Each	978.90		17.31
59	Providing and fixing 600x120x5mm glass shelf with edges round of supported on anodised aluminium angle frame	3.00	Each	639.40		17.33
60	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete					
a)	40 mm dia	3	Each	98.40		17.28.1.2
61	Providing and fixing C.P. bass angle valve for basin mixer and geyser points of approved quality conforming to	3	Each	532		18.53.1
62	Providing and fixing unplasticised P.V.C connection pipe with PTMT Nuts collar and bush of approved quality and colour.					
a)	15mm nominal bore with 45cm length	12.00	Each	112.40		18.74.2
	TOTAL OF SUBHEAD					
	WATER SUPPLY					
63	Providing and fixing G.I. pipe complete with G.I. fittings and clamps i/c making good the wall etc. concealed pipe					
a)	15mm dia nominal bore	200.00	metre	302.70		18.11.1
b)	20mm dia nominal bore	200.00	metre	348.40		18.11.2
64	Providing and fixing G.I. pipe complete with G.I. fittings including trenching and filling complete. For external work					
a)	25mm dia nominal bore	100.00	metre	303.20		18.12.3
b)	50mm dia. Nominal bore	100.00	Metre	499.10		18.12.6
65	Providing and fixing gun metal gate valve with C.I wheel of approved quality (screwed end)					
a)	25mm dia. Nominal bore	24.00	Each	497.20		18.17.1
b)	50 mm nominal bore	12.00	Each	869.20		18.17.4
66	Providing and fixing gun metal non-return valve of approved quality (screwed end)					
a)	25mm dia. Nominal bore - Vertical	24.00	Each	504.50		18.19.1.2
b)	50mm dia. Nominal bore - horizontal	12.00	Each	1144.10		18.19.4.1
67	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc.					
a)	15 mm nominal bore.	12.00	Each	145.40		18.46.1
b)	20 mm nominal bore.	12.00	Each	170.80		18.46.2



c)	25 mm nominal bore.	12.00	Each	166.24		18.46.3
d)	50 mm nominal bore.	12.00	Each	365.03		18.46.6
68	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing 15 mm nominal bore.					
a)	15 mm nominal bore.	18.00	Each	425.32		18.50.1
69	Providing and fixing CP brass stop cock of approved quality.					
a)	15 mm nominal bore.	8.00	Each	485.31		18.52.1
70	Constructing masonry chamber 60x45x50 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for water meter complete with C.I. with F.P.S Bricks					
a)		2.00	Each	5217.30		18.37.1
71	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of	2.00	Each	255.21		17.71
72	providing 2000 litre upvc water tank with ISI Mark with all complete job	2000.00	LTR	9.70		MR
	TOTAL OF SUBHEAD					0.00
	INTERNAL DRAINAGE					
73	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm					
a	101 mm inlet and 75 mm outlet -cast iron S&S as per IS 3989.	2.00	Each	888.69		17.60.2.1
	TOTAL OF SUBHEAD					0.00
	EXTERNAL DRAINAGE					
74	Providing & Fixing in position pre-cast RCC manhole cover and frame of required shape and approved quality.					
a)	LD-2.5 Rectangular shape 600 x 450mm internal dimensions	2.00	each	1369.04		19.19.1.1
75	Providing laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of					
a)	100 mm diameter	24.00	metre	164.15		19.1.1
b)	150 mm diameter	24.00	metre	235.06		19.1.2
c)	200 mm diameter	24.00	metre	383.08		19.1.3
76	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal					
a)	100mm diameter S.W. pipe	24.00	metre	243.97		19.3.1
b)	150mm diameter S.W. pipe	24.00	metre	395.41		19.3.2
c)	200mm diameter S.W. pipe	24.00	metre	464.77		19.3.3
77	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) R.C.C. top slab with 1:2:4 mix					
a)	inside size 90 x 80 cm and 60 cm deep including C.I. cover with frame (light duty) 455 x 610 mm internal dimensions	2.00	Each	8742.78		19.7.1.2
78	Providing orange colour safety foot rest of minimum 6mm thick plastic encapsulated as per IS : 10910 on 12mm dia	0.00	Each	282.72		19.16
79	Providing and fixing square mouth SW gully trap grade 'A' complete C.I. grating brick masonry chamber and water tight					
a)	150x100mm size P type With FPS bricks of class designation 75	4.00	Each	1759.17		19.4.3.2
80	Making connection of drain or sewer line with existing manhole including breaking into and making good the	4.00	Each	318.37		19.21.2
81	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with 75 class designation					
a)	inside dimensions 500 x 700mm and 45cm deep for pipe line with one or two inlets with FPS brick	4.00	each	5565.97		19.30.2.1
82	construction of soak pit 2.5 m diameter 3.0 mtr deep with 45x45 cm dry honey comb shaft with bricks and S.W drain	1.00	each	32412.7		19.33
83	Providing and laying non-pressure NP2 class (light duty) R.C.C pipes with collars jointed with stiff mixture of cement	100.00	mtr.	780		19.6.4
	TOTAL					



84	ADD 6% GST BEYOND 12%, MULTIPLYING FACTOR -0.0536					
						A
BILL OF QUANTITY ELECTRIFICATION WORK BASED ON SOR OF 2023						
85	Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sq.mm FR PVC Insulated copper conductor single core cable in surface/ recessed PVC conduit, with plano type switch, phenolic laminated sheet, suitable size PVC/G.I. box etc. as required.	48	POINT	1,146.00		1.3.3
86	Wiring for Light plug 2x1.5 sq.mm PVC Insulated copper conductor single core cable in recessed PVC conduit along with 1 No. 1.5 sq mm PVC Insulated copper conductor single core cable for loop earthing as required.	400	MTR	201.00		1.7.1
87	Wiring for submain with 2x6 sq. mm + 1x6 sq mm earth wire FR PVC Insulated copper conductor single core cable in recessed PVC conduit as required.	250	MTR	309.00		1.7.3
88	Wiring for submain with 4x10 sq. mm + 1x10 sq mm earth wire FR PVC Insulated copper conductor single core cable in recessed PVC conduit as required.	200	Meter	557.00		1.7.5
89	Wiring for submain with 4x16 sq. mm + 1x16 sq mm earth wire FR PVC Insulated copper conductor single core cable in recessed PVC conduit as required.	100	Meter	775.00		1.7.6
90	Supplying & Fixing following size ISI market PVC conduit with accessories in recess including cutting of wall and making good the same as required.					
	(a) 20 mm dia	200	MTR	102.00		1.21.1
	(b) 25 mm dia	150	MTR	120.00		1.21.2
91	Supplying and fixing metal box of following size in recess with suitable size of phenolic laminated sheet cover in the front including etc. as required.					
	1 or 2 Module (75mm X 75mm)	12	each	234.00		1.27.1
	3 module (100mm x 75mm)	12	each	266.00		1.27.2
	4 module (125mm x 75mm)	12	each	283.00		1.27.3
	6 Module (200mm X 75mm)	12	each	345.00		1.27.4
92	Supplying and fixing 3 pin 5/6 amps socket outlet & 6A switch plano type on existing switch box including connection etc. as required.					1.24
	3pin 6Amp	24	each	112.00		1.24.4
	15/16A	6	each	139.00		1.24.3
93	Supplying and fixing following rating 240/415 volts miniature circuit breaker suitable for Inducting loads of following poles in the existing M.C.B DB complete , testing and commissioning etc.					2.12
	6 A to 32'A, Single pole	24	each	237.00		2.12.1
	6 A to 32 A, SP&N	8	each	606.00		2.12.2



94	Installation, testing and commissioning of prewired fluorescent fitting of all types complete accessories and tubes etc. directly on ceiling / wall including connection with 1.5 sq. mm FR PVC insulated, copper conductor single core cable etc. as required.	12	each	134.00	1.41
95	Supplying and fixing 4'X18" watt LED batten with minimum efficacy 100 lm/w in polycarbonate housing and complete with integrated electronic driver etc directly on wall/ ceiling including connections with 1.5 sq.mm FRLS PVC insulated copper conductor etc. as required.	10	each	521.00	5.1
96	Supplying and fixing surface mounted following types LED downlighter with minimum efficacy 100 lm/w in pressure die-cast aluminium housing and integrated electronic driver etc directly on ceiling including connections with 1.5 sq.mm FRLS PVC insulated copper conductor cable etc as required				5.8
	9/10 watt	24	each	911.00	5.8.1
	15 W LED Lamp	24	each	1,608.00	5.8.2
97	Supply of Highly skilled workers for shifted of desk, bench, furniture to other rooms and again shifted in the concern room, Rate As per Lab depts It. no5/MW.40-16/2021-L&R 2847 Dated 30.09.2021	10	per day	474.00	NS
98	Supplying and fixing recess/surface mounted 23/24 (1ft X 1ft) watt LED downlighter complete with integrated electronic driver & LED directly on ceiling/false ceiling including connection with 1.5 sq.mm FR PVC insulated copper conductor cable and earthing the body etc. as required.	0	each	2,049.00	5.7.6
99	Supplying and fixing recess mounted following types LED downlighter with minimum efficacy 100 lm/w in pressure die-cast aluminium housing and integrated electronic driver etc directly on ceiling including connections with 1.5 sq.mm FRLS PVC insulated copper conductor cable etc as required. 9/10 watt	0	each	1,125.00	5.7.2
100	Supply and installation of regular/standard model A.C. ceiling fan of 1200 mm sweep with service value (CM/MM) minimum 4.00, Air delivery minimum 270 cum/min including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated copper conductor etc as required.	16.00	each	2,482.00	8
101	Installation of exhaust fan upto 450 mm sweep in the existing opening, including making the opening to suit the size of the above fan, making good the damage, connection, testing, commissioning etc. as required.	6	Each	296.00	1.50.1
102	300 mm sweep A.C. Exhaust fan / Freshair fan of Model Ventil Air DS Havels make Equivalent	6	Each	6,982.00	8.17.3
					B
		grand total amount			

