

# MUNGER UNIVERSITY, MUNGER (BIHAR)

(ADMINISTRATIVE BLOCK, SHASTRINAGAR, MUNGER, - 801201)

Tender no. univ02/25

Date 28/08/2025

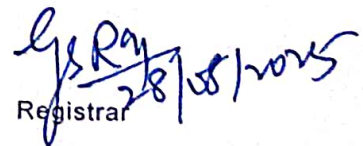
1. Name of work **RENOVATION AND FINISHING WORK OF EVALUATION  
CETRE AT UNIVERSITY CAMPUS, MUNGER..**

( To be mentioned on the envelop)

2. Estimated cost **3250550.00** ..
3. Cost of B.O. Q. ( non – refundable) .3000/-.....
4. Amount of earnest money .65011/-.....
5. Details of earnest money .....
6. Time of completion ..6 MONTHS.....
7. Date and Time of sale of B.O.Q. 29/08/2025.....
8. Date of Submission of sealed tender 15/09/2025.....

Notes :-

- i. All casting shall compulsorily be done by using vibrator & mixer machine et 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 born 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 only.
- x. It will be 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

Munger University, Munger

# MUNGER UNIVERSITY, MUNGER (BIHAR)

(ADMINISTRATIVE BLOCK, SHASTRINAGAR, MUNGER, - 801201)

## B.O.Q

To be filled in by the Contractor.

1. Name of work .....
2. Date of tender.....
3. 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..... )
4. Registration No. ....
5. Details of I.T.C.C. ....
6. Details of GST .....
7. Details of labour license AS / GOVT LAWS .....
8. Time of complete required  
By the contractor. ....
9. Time of complete Money deposited &  
any other document if the tender wishes  
to furnish. ....
10. Signature of Contractor  
With full address & contact nos. ....

Signature of Tenderer



# MUNGER UNIVERSITY, MUNGER

## NOTICE INVITING TENDER

Tender no. univ02/25

Date 28/08/2025

1. Scaled tenders are invited 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. from no. F-2 will be received up to 3 . 0 0 P.M. on 1 5 / 0 9 / 2 5 .by the Registrar, Munger University, Munger for the work and will be opened on the 16/09/2025. P.M. 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 **3250550.00 (Thirty two lakhs fifty thousand and fifty 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. 65011/- (Sixty five thousand and eleven only) in the shape of Six years N.S.C., five years post Office time deposit, Bank draft Bankers cheque etc. duly pledged in favour of the Registrar, Munger University .  
Tender not accompanied with Earnest Money in For the specified perid or 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 website , Munger University, Munger on payment of Rs. 3000/- (Three thousand)( Non – refundable) on production of up to date labour license, Sale Tax Registration & Clearance certificate, income Tax Clearance Certificate, Contractors Registration Certificate & Character Certificate on any working day as mentioned in the N.I.T. during working hours except on the date of receiving tender. The down load tender documents may be submitted to the authority along with the cost of BOQ and earnest money. If downloaded above papers should be submitted with tender paper alongwith B.O.Q. charge Rs. 3000/- in the form of Bank Draft.
9. Authority reserves the right to reject any or all the tenders received, no reaction for the rejection of all or any of the tenders, whatever will be given. Authority also reserves the right to distribute the work among two or more tenderers.
10. The Earnest Money of the successful tenderer will be for forfeited in case he declines to sign, the agreement of contract or to deposit balance of stipulated initial earnest money within ten days of being called upon to do so after acceptance of this tender.
11. Conditional tender will not be accepted.
12. 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.

13. N.I.T. and special conditions will form the part of the agreement.
14. 'GST' equal to 2% (two percent) shall be deducted from the bills.
15. 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.
16. Contractor should be registered with the Sales Tax dept. and a photocopy of the Registration Certificate that should accompany with the tender paper otherwise the tender shall be rejected.
17. 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.
18. 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.

  
Registrar

Munger University, Munger



# MUNGER UNIVERSITY, MUNGER

## SPECIAL CONDITIONS

1. (a) Tender must be accompanied by a letter stating works of similar nature and magnitude done by the tenderer with the name of work, value of contract, time, actually taken in completion of the work ( starting briefly the reasons for delayed completion of work, if any ) and a certificate from the Executive Engineer/ University Engineer under whom the work has been executed will the seal of his office.
  - (b) Details of other works of similar nature and magnitude tendered for or in hand on the date of this tender with aforesaid details mentioned in the proceeding sub-para.
  - © Details of technical personnel's to be employed by the tenderer on this particular work starting their qualification and experience.
  - (d) Details with descriptive narration of plants and machineries for period of at least three years to be used and the 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 and 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 in absence of the same I.S.I specification.
  - (b) Design and Drawing duly approved by competent authority. Ignorance of the 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. Tenderer 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/site in – charge , for different works for which hire charges will not be payable by the Dept..
8. Contractor shall have to maintain necessary technical set up for proper execution of works. He should employ only such persons who are skilled and experienced in their similar trades and working and the University Engineer/architect shall be at liberty to object and require the contractor to remove from works any person employed by the contractor who is in his opinion guilty of his conducts or is in compliant or negligent in proper performance of his duties and such person shall not be employed by the contractor without permission of the University Engineer.
9. No conditional tender will be accepted.
10. Structural steel should be cleaned of foreign materials before use at the cost of contractors.



11. No building materials shall be supplied by the University Works departments.
12. Any addition and alternation in the work must be done under the competent authority in before the rank of University Engineer. The contractor shall get such orders from competent authority in writing or duly entered in site order book conveying sanction by officer not below the rank of Assistant Engineer.
13. Site order book and reinforcement register shall be maintained by the junior Engineer site or work for noting anything concerning the work which will be the property of the Deptt. The contractor will mention the name of his authorized representative and attest his signature in the site order Book, who will receive instruction and comply them on his behalf as if instructions have been received and complied by him (contractor).

A copy of the entries in the site order book may be had from the junior Engineer if the contractor so desires. In case the instructions are not being signed and complied by the authorized representative deliberately. Note to this effect will be made by the Junior Engineer who in turn will produce the said as deemed fit under the relevant clauses of the agreement. After the Engineer in-charge is informed and he agrees with the remarks of junior Engineer the order or instruction given will have the same effect as if given on the date mentioned but not signed in disobedience to instructions. The contractor can also write on the site order book regarding compliance of the orders and problems if he has any.

14. The value of work to be done should not exceed the agreement amount without the prior permission of the Engineer in-charge of work.
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 and if the actual collection is made on shorter leads than what mentioned in tender documents than approved rated shall be modified subsequently proportional to difference in lead by the authority accepting the tender and in the event of collection of materials from sources at higher lead than that mentioned in tender document, process of collection should take place only after approval of the same by the authority competent of approve the tender.
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 itemed of works which 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 Engineer in-charge 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 will be made from running on account 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 be got approved by the engineer in – charge prior to their use in works. All rejected materials shall have to be removed promptly and latest within 10 day after rejection from the site otherwise the Engineer – 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
  28. No. claim will be entertained for other items of work if done by the contractor unless order in writing by officer not below the rank of Engineer-in-charge himself and 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 Engineer-in- charge.
  30. The contractor will not be compensated for any loss due to increase in hire or running charges of vehicles of equipments and plants , 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 stike.
    - (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. GSTax 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.

  
Registrar  
Munger University

**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 Tendor



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

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**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 rhe tender / allotment of work will be rejected and the E/M./S.D. shall be forfeited.

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Signature

Place : -----

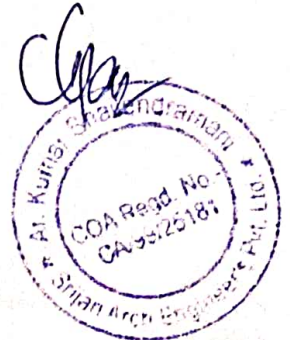
Date : -----

Mo:-----

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

MUNGER UNINVERSTY CAMPUS, MUNGER							
MUNGER UNINVERSTY, MUNGER							
WORK :- BILL OF QUANTITY FOR FINISHING OF INVIGATION CENTER AT UNIVERSITY CAMPUS, MUNGER , BIHAR BASED ON CURRENT SOR OF 2022							
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=3473.25 SFT							
Sl.No	Item Code	Description	Repair	Quantity	Unit	Rate	Amount
ESTIMATE FOR CIVIL WORK							
1	2 8.1	Earth work in excavation in foundation trenches or drains(not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	30	30.00	cum	360.70	
2	2.28	Supplying and Filling in plinth with local sand and under floors including, watering, ramming consolidating and dressing complete.	1.13	1.13	cum	287.30	
3	11.72	Providing designation 100 A one brick flat soling joints filled with local sand including cost of watering, taxes, royalty all complete as per building specification and direction of E/I.	423	423.00	sqm	283.30	
4	5.2.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, cap beam abutments, posts and struts, etc. up to floor five level excluding cost of centring, shuttering, finish and reinforcement 1:1.5:3 (1 cement: 1.5 coarse sand:3 graded stone aggregate 20mm nominal size)	15	15.00	cum	5,670.00	
5	4.1.2	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering-all work upto plinth level.	60.14	60.14	cum	4,420.80	
	5.22.7B BCD	Reinforcement for r.c.c. Work including straightening, cutting bending, placing in position and binding all complete as per specification of steel 241.72-144.42-42000					
14	5.22.7A	Thermo-Mechanically Treated bars TMTC-500-8mm dia.	1560	1,560.00	KG	94.50	
5	6.1.12/1	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 : 4 (1 cement: 4 coarse sand )	35.45	35.45	cum	5,017.90	
15	13.12.4	15 mm cement plaster on rough side of single or half brick wall of mix 1:6 (1 cement: 6 coarse sand)	69.6	69.60	sqm	162.80	
		<b>PUTTY AND PAINTING WORK</b>					
16	13.26	Neat cement punning	69.6	69.60	Sqm	40.50	
17	9.48.2	Providing and fixing M.S. grills of requirement pattern in frames of windows etc with M.S. flat square or round bars etc all complete Fixed to openings/ wooden frames	7265.15	7,265.15	KG	161.10	
18	13.48.2	Painting wood work with Deluxe Multi Surface Paint of required shade Two or more coat applied @ 0.90 ltr/ 10	259.82	259.82	sqm	103.30	
		<b>ESTIMATE FOR WATER SANITARY, WATER SUPPLY AND SUBMERCIBLE PUMP SET</b>					
	24.1	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, upto 90 metre depth below ground level.					
	24.1.1.1	300mm dia					
19		0 to 90m	90	90.00	M	486.80	





## ESTIMATE FOR REPAIR WORK

Sl.No	Item Code	Description	Repair	Quantity	Unit	Rate	Amount
	24.2	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, beyond 90 metre & upto 150 metre depth below ground level.					
	24.2.1.1	300 mm dia					
20		90 to 110m	20	20.00	M	567.90	
	24.3	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc all complete, for all depths, as per direction of Engineer-in-charge.					
21	24.3.1	100 mm nominal size dia	40	40.00	M	546.10	
22	24.3.4	150 mm nominal size dia	47	47.00	M	236.70	
	24.4	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc, all complete, for all depths, as per direction of Engineer-in-charge.					
23	24.4.4	50 mm nominal size dia	22	22.00	M	354.90	
	24.13	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of.					
24	24.13.1	100 mm dia	1	1.00	Each	189.70	
	24.14	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I)					
25	24.14.1	100 mm clamp	1	1.00	Each	1,448.40	
26		Providing and fixing 125 mm x 50 mm PVC Reducing socket	1	1.00	Each	508.00	
27		Providing and fixing shoe plug	1	1.00	Each	224.00	
	24.8	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/					
28			5.52	5.52	cum	2,821.12	
29	24.12	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method	18	18.00	hrs	916.80	
30		Transportation of rig machine all complete as per direction of E/I	1	1.00	Each	4,000.00	
31		Supplying betonies powder etc all complete job etc	500	500.00	kg	3.74	
32	18.17.4	Providing fitting and G.M. full way valve etc all complete job	1	1.00	Each	878.20	
33	app.	Supplying and installation 2 hp submersible motor and pump with starter control panel etc. all complete job (Crompton) C.R/K.S.B or any other standart equivalent make) with electric cable and 7/20 wire and 2X3/20 PVC copper wire with PVC pipe all complete job etc	1	1.00	Each	39,500.00	
34	BCD 18.17.4	Water arrangement additional for drilling purpose all complete as per direction fo E/I	8	8.00	kl	284.36	
	BCD 18.17.4	Providing and fixing G.I. pipe complete with G.I. fitting and clamps including cutting and making good and the wall etc ( internal work)					
35	18.12.3	(a) 20 mm dia	20	20.00	M	342.00	
36	8814	(b) Elbow 25 mm dia	8	8.00	Each	105.60	
37	1608	(c) Tee 25 mm dia	6	6.00	Each	55.00	
38	7884	(d) Nipple 15 mm dia	8	8.00	Each	33.00	
39	18.47.3	(e) Union Socket 25 mm dia	6	6.00	Each	479.60	
40	8788	(f) Socket 25 mm dia	6	6.00	Each	69.30	
41	8792	(g) Reducing Socket 15 mm dia	4	4.00	Each	155.10	
		Providing and fixing CPVC pipe with all fitting					
42	18.9.3	25 mm dia	100	100.00	M	463.10	
43		20 mm dia	140	140.00	M	350.80	



Sl.No	Item Code	Description	Repair	Quantity	Unit	Rate	Amount
44	18.9.1	15 mm dia pipes	112	112.00	M	278.20	
45	18.54.2	15 mm dia bib cock (C.I. body)	12	12.00	Each	143.30	
46	19	S/F/F of 20 mm dia PTMT Extension Nipple for pipe fitting of approved quality and make (PARYAG) all complete job as per direction of E/I	12	12.00	Each	60.00	
		<b>SANITARY WORK INSTALLATION</b>					
47	18.48	Providing and placing terrace water storage tank isi approved	4000	4,000.00	lt	9.70	
	17.1	Providing and fixing water closet squatting pan (Indian type W.C pan ) with 100 mm sand cast Iron P or S trap, 10 litre low fixtures complete, including cutting and making good the walls and level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and floors wherever required.					
48	17.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	8.00	8.00	Nos	4,470.90	
49		Providing and fixing white vitreous china flat back or wall corner type tipped front urinal basin of 430x260x350mm and 340x410x265mm sizes respectively with automatic flushing cistern with standard flush pipe and c.p. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required.					
	17.4.4	Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern	4.00	3	Each set	10419.60	
50		Providing and fixing one piece construction white vitreous china squatting plate with an integral longitudinal flushing pipe, white P.V.C. automatic flushing cistern, with fittings, standard size G.I. /PVC flush pipe for back and front flush with standard spreader pipes with fittings, G.I. clamps and C.P. brass coupling complete, including painting of fittings and cutting and making good the walls and floors etc. wherever required.					
	17.6.2	Range of two squatting plates with 5 litre P.V.C. automatic flushing cistern	4.00	3.00	Each set	7753.00	
	17.7.3	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets,	4.00	4.00	Nos	2,530.30	
51	17.8	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	4.00	4.00	Nos	1,500.00	
	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.		-			
	17.28.2	Semi rigid pipe		-			
52	17.28.2.2	40 mm dia	10.00	10.00	Nos	101.70	
53	17.31	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	10.00	10.00	Nos	1,068.50	
	12.78	Providing and fixing PVC Soil ,Waste & vent pipes all complete		-			
54	12.78.2	110 mm dia	10.00	10.00	M	257.50	
55	12.78.1	75 mm dia	10.00	10.00	M	162.70	
	12.79	Providing and fixing PVC fittings all complete as per specification & direction of E/I		-			
56	12.79.5.2	110 mm plain bend	24.00	24.00	Nos	132.00	
57	12.79.4.2	110 X 110 mm dia plain tee	24.00	24.00	Nos	190.70	
58	12.79.3.2	110 X 110 mm dia door tee	24.00	24.00	Nos	193.40	
59	12.79.5.2	110 mm dia X 45 Bend	60.00	60.00	Nos	132.00	
60	12.80.2	110 mm pipe clip	22.00	22.00	Nos	182.72	
61	12.79.5.1	75 mm elbow	22.00	22.00	Nos	91.80	





Sl.No	Item Code	Description	Repair	Quantity	Unit	Rate	Amount
62	12 79 4 1	75 mm plain tee	40.00	40.00	Nos	124.20	
		<b>WATER SUPPLY</b>					
	18 7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m 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.					
63	18 7 4	32 mm Nominal outer dia pipes	100.00	100.00	M	345.20	
	18 8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m 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.					
		Concealed work, including cutting chases and making good the					
64	18 8 2	20 mm Nominal outer dia pipes	142.00	142.00	M	350.80	
65	18 53 1	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS 8931 a) 15 mm nominal bore	4.00	4.00	NOS	500.40	
66	18 51.1	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 600 gms.	12.00	12.00	NOS	708.40	
	18 17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality					
67	18 17 2	32 mm Nominal bore	12.00	12.00	NOS	599.90	
	18 21	Providing and fixing unplasticised PVC connection pipe with brass unions					
	18 21 2	45 cm length					
68	18 21 2.1	15 mm Nominal bore	12.00	12.00	Each	85.20	
	18 48	Providing and fixing G.I. union in G.I. pipe including cutting and threading the pipe and making long screws etc.					
69	18 48.4	32 mm dia Nominal bore	12.00	12.00	Each	306.00	
70	17.71	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	8.00	8.00	Each	145.30	
		Add 6% GST beyond 12%, Multiplying factor -0.0538					
		<b>Total - A</b>					
71		<b>Carriage Cost of Materials</b>					
	A	Bricks	*****	Th		812.60	
	B	Coarse Sand	68 820	Cu m		1,357.34	
	C	Local Sand	64 580	Cu m		374.48	
	D	Stone Chips	79 630	Cu m		3,138.28	
	E	Cement	21 950	MT		518.08	
	F	Steel	8 825	MT		518.08	
		Add 6% GST beyond 12%, Multiplying factor -0.0538					
		<b>Total - B</b>					
72		<b>Add Extra Cost for Seigniorage fee</b>					
	(A)	Coarse Sand	68 820	cum		25.08	
	(B)	BRICK	*****	cum		0.34	
	(C)	Stone Chips	79 630	cum		83.61	
		<b>Total - C</b>					
		Add 6% GST beyond 12%, Multiplying factor -0.0538					
		<b>Total - C</b>					
		<b>Total - (A + B + C)</b>					
		<b>say</b>					

