

**K.M.D. COLLEGE, PARBATTA**  
**MUNGER UNIVERSITY, MUNGER (BIHAR)**  
**(ADMINISTRATIVE BLOCK, SHASTRINAGAR, MUNGER, - 801201)**

Name of work – Tender no. kmd01/26 Construction of UGC building 2<sup>nd</sup> floor, civil work part A) at KMD college, Parbatta  
( To be mentioned on .....  
The envelop) .....

1. Estimated cost . 4962389.00
2. Cost of B.O. Q. ( non – refundable) 5000.00
3. Amount of earnest money . 100000.00
4. Time of completion .6 MONTHS
5. Date and Time of sale of B.O.Q. 26.03.2026
6. Date of Submission of sealed tender 19.04.2026

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 what so ever 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.

  
(Dr. Ghanshyam Roy)  
Registrar

Munger University, Munger-811201

  
04/04/26

# 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

**KMD COLLEGE, PARBATTA**  
**MUNGER UNIVERSITY, MUNGER**  
**NOTICE INVITING TENDER**

1. Sealed 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 , to be eventually drawn in P.W.D. from no. F-2 will be received up to 3.00 P.M. on 10/04/2026 .by the Registrar, Munger University, Munger for the work and will be opened on the same day at 3.300 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 **4962389.00**  
(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 **6 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. 99248.00 In the shape of Six years N.S.C., five years post Office time deposit, Bank draft etc. duly pledged in favour of the Registrar, Munger University .  
Tender not accompanied with Earnest Money in From the 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, University or download from university web site **[mungeruniversity.ac.in](http://mungeruniversity.ac.in)** , Munger University, Munger.....on payment of Rs. 5000.00 ( Non – refundable) on production of upto 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.
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 sigh, the agreement of contract or to deposit balance of stipulated initial security 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 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.



University Engineer/Architect  
Munger University , Munger

  
**Retired Executive Engineer**  
Building Construction Department  
Govt. of Bihar

# KMD COLLEGE, PARBATTA

## 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 an 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, GSTax, 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 form to 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 be use tools and plants, machineries and equipments after duly approved by Engineer in – charge , for different works for which hire charges will not be payable by the Dept..
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 University Engineer 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 incompliant 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 of 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 hook 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 that 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.

<u>Type of construction &amp; materials</u>	<u>type of test</u>	<u>Maximum desirable frequency</u>
(a) Controlled & ordinary concrete	(i) work strength test	For each day of concerning Test shall be conducted on ten specimens. Five of seven & remaining. Five at 28 days
	(ii) Workability of concrete	One test per 10M <sup>3</sup>
	(iii) Cements (physical &	Once for each of supply and

	Chemical test) occasionally when called for In case of long& or improper Storage.
(iv) Coarse and fine aggregate	One test per 15m <sup>3</sup> part Aggregate thereof.
(v) Gradation test Bulking	once for each source for Of five aggregate (forderiving the moisture Volume batching) content & bulking relationship.
(vi) Los Angles Abrasion	One for each source of supply. Value Aggregate impact Test Brick Masonry
(vii) Los Angles Abrasion	one for each source of supply. Value Aggregate impact Test

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 laborer 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 be 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 sand 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 strikes
  - (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. G S tax shall be charged 1% for each /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.



University Engineer/architect

  
**Retired Executive Engineer**  
Building Construction Department  
Govt. of Bihar

**KMD COLLEGE, PARBATTA**  
**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 : -----

Mo:-----

Date : -----

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

**KMD COLLEGE, PARBATTA**  
**MUNGER UNINIVERSITY, MUNGER**

**WORK :- BILL OF QUANTITY FOR THE CONSTRUCTION OF THE UGC BUILDING (2ND FLOOR, CIVIL WORK, PART-A)) AT KMD COLLEGE, PARBATTA, 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

Sl.No	Item Code	Description	Repair	Quantity	Unit	Rate	Amount
<b>ESTIMATE FOR CIVIL WORK</b>							
	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, finishing and reinforcement 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20mm nominal size)					
1	5.33A.2.1	Walls columns, pillars, posts and struts	9.10	9.10	cum	5,293.50	
2	5.33A.2.2	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 grade reinforced cement concrete Beams, plinth beams, girders, brusses, cantilevers, Suspended floors lintels roofs and staircases including spiral staircases, shelves etc.	86.54	86.54	cum	5,677.20	
3		Add or deduct for providing richer or leaner mixes respectively					
	5.33B.1	Providing M-25 grade R.C.C. instead of M-20 grade R.C.C.	95.64	95.64	cum	164.50	
	5.9	Centring and shuttering including strutting, propping etc. and					
4	5.9.1	columns etc.	133.45	133.45	cum	211.60	
5	5.9.5	Lintels, beams, plinth	147.41	147.41	cum	404.70	
6	5.9.7	Stairs	47.21	47.21	cum	439.90	
7	5.9.20	roofs,	345.60	345.60	cum	544.60	
	5.22.7B BCD	Reinforcement for r.c.c. Work including straightening, cutting bending, placing in position and binding all complete job etc -					
8	5.22.7A	Thermo-Mechanically Treated bars TMTC-500-8mm dia.-20%-	2,584.00	2,584.00	KG	94.50	
9	5.22.7B	Thermo-Mechanically Treated bars TMTC-500-10mm dia.-20%-	2584	2,584.00	KG	92.60	
10	5.22.7C	Thermo-Mechanically Treated bars TMTC-500-12mm dia.-10%-	1292	1,292.00	KG	90.80	
11	5.22.7D	Thermo-Mechanically Treated bars TMT Fe-500-16mm dia. -	3230	3,230.00	KG	91.70	
12	5.22.7E	Thermo-Mechanically Treated bars TMT Fe-500-20mm dia.-	3230	3,230.00	KG	91.70	
13	15.60 BCD	Providing for Disposal of earth. All Complete job etc.	24.92	24.92	cum	219.30	
14	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 )	88.54	88.54	cum	5,017.90	
15	6.3A	Extra for Brick work in superstructure above plinth level upto floor V	88.54	88.54	cum	842.20	
16	13.24.1	6 mm cement plaster to ceiling of mix : 1:3 (1 cement: 3 coarse	401.22	401.22	sqm	131.30	
17	13.12.4	15 mm cement plaster on rough side of single or half brick wall	454.36	454.36	sqm	162.80	
18	13.13.4	20 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand)	489.21	489.21	sqm	192.10	
<b>PUTTY AND PAINTING WORK</b>							
19	13.80A.2	Providing and applying white cement based putty of average thickness 2 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and	1344.79	1,344.79	Sqm	105.40	
20	13.46.1	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)	1344.79	1,344.79	Sqm	137.00	
21	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 with rawl plugs screws etc. 32Kg/sqm	1415.19	1,415.19	KG	161.10	
22	13.48.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/	95.22	95.22	Sqm	45.70	
23	21.1.2.2	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) Powder coated aluminium (minimum thickness of powder coating 40	71.925	71.93	kg	480.20	
24	21.8.1	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	42.2	42.20	mtr	85.20	

  
 SRIJAN ARCH. ENGINEER PVT. LTD.  
**Retired Executive Engineer**  
 Building Construction Department  
 Govt. of Bihar



SI.No	Item Code	Description	Repair	Quantity	Unit	Rate	Amount
25	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural	47.95	47.95	sqm	1,115.10	
26	9.1.2	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixing in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or with dash fasteners shall be paid for separately) Sal wood	0.78	0.78	cum	95,670.70	
27	9.20.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1 st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.	10.40	10.40	sqm	2,845.60	
28	13.48.2	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/ 10	20.80	20.80	sqm	103.30	
29	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08 % and conforming to IS : 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand ) including grouting the joint with white cement and matching pigments etc., complete.	237.70	237.70	sqm	1,638.80	
30	11.26.1	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 . Base with 1:1:1 (1 lime : 1 surkhi: 1 coarse sand ) / 1:4 (1 cement: 4 coarse sand )	48.29	48.29	sqm	1,252.70	
		Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on interlocking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making,					
31		8 mm thick fully perforated calcium silicate board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure with minimum compressive strength 225 kg/ sq. cm, bending strength 100 kg/sq. cm , of size 595x595 mm, having perforation of dia. 10 mm with minimum perforated area 18 % with non woven tissue on the back side, having an NRC ( Noise Reduction Coefficient) of 0.85, with 50 mm thick rockwool of 48 kg /cum backing.	212.55	212.55	sqm	1,608.20	
32		<b>Carriage Cost of Materials</b>					
	A	Bricks		43.739	Th.	750.66	
	B	Coarse Sand		93.410	Cu.m	856.62	
	C	Local Sand		-	Cu.m	281.35	
	D	Stone Chips		81.294	Cu.m	2,060.38	
	E	Cement		53.457	MT	492.75	
	F	Steel		12.920	MT	492.75	
33		<b>Add Extra Cost for Seigniorage fee</b>					
	(A)	Coarse Sand		93.410	cum	25.08	
	(B)	BRICK		43.739	cum	0.34	
	(C)	Stone Chips		81.294	cum	83.61	
44		<b>extra cost of materials</b>					
		Bricks (8KM)		43.74	%0	359.04	
		cement (7KM)		53.46	Mt	356.44	
45		Add 6% GST beyond 12%, Multiplying factor -0.0536					
		<b>Total - A</b>					
							<b>SAY</b>

  
**Retired Executive Engineer**  
**Building Construction Department**  
**Govt. of Bihar**



Sl.No	Item Code	Discription	Repair	Quantity	Unit	Rate	Amount
5.8	1.25	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					
5.8.1		9/10 wat		9	each	911.00	
	1.21						
5.8.2	1.21.2	15 W LED Lamp		12	each	1,608.00	
NS		Supply of Highly skilled workers for shifted of desk, bench, furnitutre to other rooms and again shifted in the concern room ,Rate As per Lab deptt lt. no5/MW.40-16/2021-L&R 2847 Dated 30.09.2021		0	per day	474.00	
5.7.6		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.		6	each	2,049.00	
5.7.2		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		8	each	1,125.00	
8		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.		13.00	each	2,482.00	
1.50.1		Installation of exhaust fan upto 450 mm sweep in the existing opening, including making the opening to suit the size of the		2	Each	296.00	
8.17.3		300 mm sweep A.C> Exhaust fan / freashair fan of Model Ventil Air		2	Each	6,982.00	
						<b>B</b>	
						<b>Total - (A + B)</b>	
		<b>only</b>					

  
**Retired Executive Engineer**  
 Building Construction Department  
 Govt. of Bihar

