

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

Name of work – Tender no. kmd07/26 Construction of Principal office (Part B) at KMD College Parbatta (water supply & sanitary work and electrical work)
(To be mentioned on
The envelop)

1. Estimated cost 757028.00
2. Cost of B.O. Q. (non – refundable) 1000.00
3. Amount of earnest money . 15140.00
4. Time of completion .6 MONTHS
5. Date and Time of sale of B.O.Q. 08.04.2026
6. Date of Submission of sealed tender 18.04.2026

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.


Registrar

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


08/04/26

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 **757028.00**
(b) Percentage of rate quoted shall be up to two places after decimal and not lower and above .
A-B/Ax 100 < 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. **15140.00** 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** , Munger University, Munger.....on payment of Rs. 1000.00 (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 (stating 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 with the seal of his office.
 - (b) Details of other works of similar nature and magnitude tendered for and 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 stating 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 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 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 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 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 & 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 ³
	(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 ³ part Aggregate thereof.
(v) Gradation test Bulking	once for each source for Of five aggregate (for deriving 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)

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.

Place : -----

Date : -----

Signature

Mo:-----

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

Sl.No	Item Code	Description	Repair	Quantity	Unit	Rate	Amount
KMD COLLEGE, PARBATTA							
MUNGER UNIVERSITY, MUNGER							
WORK :- BILL OF QUANTITY FOR THE CONSTRUCTION OF THE PRINCIPAL OFFICE AT KMD COLLEGE, PARBATTA , BIHAR BASED ON CURRENT SOR OF 2022							
WORK :- ESTIMATE FOR WATER SUPPLY & SANITARY WORK FOR THE CONSTRUCTION OF PRINCIPAL OFFICE AT KMD COLLEGE, PARBATTA BASED ON BCD SOR 2022 .							
S. No		Description of Items		Qty	Unit	Rate	Amount (In Rs.)
SANITARY INSTALLATIONS							
1		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)	17.1.1	White vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.		1.00	Each	4470.90	
2	17.3.1	Providing and fixing white vitreous china pedestal type water closet (European type) with seat lid. 10 litre low level white vitreous china flushing cistern & C.P. flush bend fittings & C.I. brackets, 40mm mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required. W.C. pan with ISI marked white solid plastic seat and lid.		1.00	Each	5504.30	
67		Providing and fixing white vitreous china flat back or wall corner type lipped 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.					
a)	17.4.4	Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern.		2.00	Each set	10799.90	
b)		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 wherever required.					
	17.6.2	Range of two squatting plates with 5 litre P.V.C. automatic flushing cistern		1.00	Each set	7753.00	
68		Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps 32mm, C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the wall and floor wherever required.					
a)	17.7.3	White vitreous china wash basin minimum size 630 mm x 400 mm single 15mm CP brass pillar tap		2.00	Each	2530.30	
69	17.29	Providing and fixing 100mm sand cast iron grating for gully trap.		2.00	Each	45.20	
70	17.31	Providing and fixing 600x450mm 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.		2.00	Each	1068.50	
71	17.33	Providing and fixing 600x120x5mm glass shelf with edges round of supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete with 40mm long screws, rawl plugs etc complete.		2.00	Each	713.30	
72		Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.					
	17.28.1.	a) 40 mm dia		2	Each	101.70	
73	18.53.1	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to I.S:8931 a) 15 mm nominal bore		2	Each	500.4	
74		Providing and fixing unplasticised P.V.C connection pipe with PTMT Nuts collar and bush of approved quality and colour.					
a)	18.74.2	15mm nominal bore with 45cm length		12.00	Each	108.00	
TOTAL OF SUBHEAD							
WATER SUPPLY							
75		Providing and fixing G.I. pipe complete with G.I. fittings and clamps i/c making good the wall etc. concealed pipe including					
a)	18.11.1	15mm dia nominal bore		120.00	metre	318.90	
b)	18.11.2	20mm dia nominal bore		100.00	metre	374.00	


Retired Executive Engineer
 Building Construction Department
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Sl.No	Item Code	Description	Repair	Quantity	Unit	Rate	Amount
76		Providing and fixing G.I. pipe complete with G.I. fittings including trenching and filling complete. For external work					
a)	18.12.3	25mm dia nominal bore		150.00	metre	342.00	
b)	18.12.6	50mm dia. Nominal bore		0.00	Metre	572.60	
77		Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end).					
a)	18.17.1	25mm dia. Nominal bore		8.00	Each	532.30	
b)	18.17.4	50 mm nominal bore		8.00	Each	878.20	
78		Providing and fixing gun metal non-return valve of approved quality (screwed end).					
a)	18.19.1.2	25mm dia. Nominal bore - Vertical		8.00	Each	573.50	
b)	18.19.4.1	50mm dia. Nominal bore - horizontal		8.00	Each	1173.60	
79		Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (new work).					
a)	18.46.1	15 mm nominal bore.		8.00	Each	158.80	
b)	18.46.2	20 mm nominal bore.		8.00	Each	185.60	
c)	18.46.3	25 mm nominal bore.		8.00	Each	265.90	
d)	18.46.6	50 mm nominal bore.		8.00	Each	565.60	
80		Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.					
a)	18.50.1	15 mm nominal bore.		4.00	Each	715.10	
81		Providing and fixing CP brass stop cock of approved quality:					
a)	18.52.1	15 mm nominal bore.		4.00	Each	594.80	
82		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. double flap surface box 400x200x200mm (inside) with locking arrangement and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and inside plastering with cement mortar 1:3(1 cement : 3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design.					
a)	18.37.1	with F.P.S Bricks		4.00	Each	6849.90	
83	17.71	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of same materials with snap fittings of approved quality and colour weighing not less than 105gms.		4.00	Each	146.30	
84	18.48	providing 2000 litre upvc water tank with ISI Mark with all complete job		2000.00	LTR	9.70	
		TOTAL OF SUBHEAD					
		INTERNAL DRAINAGE					
85		Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors.					
a		101 mm inlet and 75 mm outlet -cast iron S&S as per IS 3989.		4.00	Each	888.69	
		TOTAL OF SUBHEAD					
		EXTERNAL DRAINAGE					
86		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		4.00	each	1120.60	
87		Providing laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete.					
a)		100 mm diameter		32.00	metre	280.60	
b)		150 mm diameter		32.00	metre	464.30	
c)		200 mm diameter		32.00	metre	682.60	
88		Providing and laying cement concrete 1:5:10 (1 cement: 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) around S.W. pipes including bed concrete as per standard design.					
a)		100mm diameter S.W. pipe		32.00	metre	192.1	
b)		150mm diameter S.W. pipe		32.00	metre	311.4	
c)		200mm diameter S.W. pipe		32.00	metre	366	


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



Sl.No	Item Code	Description	Repair	Quantity	Unit	Rate	Amount
57		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					
	12.80.1	75mm		6	each	184.10	
	12.80.2	110mm		6	each	182.72	
58	12.81	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.		4	each	47.30	
		Add 6% GST beyond 12%, Multiplying factor -0.0536					
		Total - A					
		ESTIMATE FOR ELECTRICAL WORK INSTALLATION					
		SUB DISTRIBUTION PANELS					
1.3.3	2.8	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 piano type switch.					
		ground floor	tube light	9			
			fan	7			
			ex fan	1			
			bulb	11			
			cfl	6			
		st floor	tube light	10			
			fan	6			
			ex fan	1			
			bulb	10			
			cfl	8			
	2.8.7			69	POINT	1,146.00	
1.7.1	2.12	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		220	MTR	201.00	
	2.12.1						
1.7.3	2.14	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.		225	MTR	309.00	
1.7.5	2.15	Wiring for submain with 4x10 sq. mm + 1x10 sq mm earth wire FR PVC insulated copper conductor single core cable in		50	Meter	557.00	
1.7.6	2.15.1	Wiring for submain with 4x16 sq. mm + 1x16 sq mm earth wire FR PVC insulated copper conductor single core cable in		30	Meter	775.00	
	2.15.2	Supplying & Fixing following size ISI market PVC conduit with accessories in recess including cutting of wall and making good the					
1.21.1	8.11	(a) 20 mm dia		200	MTR	102.00	
	2.15						
1.21.2	2.15.1	(b) 25 mm dia		120	MTR	120.00	
	2.15.2						
		Supplying and fixing metal box of following size in recess with suitable size of phenolic laminated sheet cover in the front					
1.27.1	2207	1 or 2 Module (75mm X 75mm)		16	each	234.00	
	2208						
1.27.2		3 module (100mm x 75mm)		12	each	266.00	
	1.7						
1.27.3	1.7.1	4 module (125mm x 75mm)		8	each	283.00	
	1.7.2						
1.27.4	1.7.4	6 Module (200mm X 75mm)		6	each	345.00	
	1.7.12						
1.24		Supplying and fixing 3 pin 5/6 amps socket outlet & 6A switch piano type on existing switch box including connection etc as					
1.24.4		3pin 6Amp		12	each	112.00	
	1.3						
1.24.3		15/16A		6	each	139.00	
2.12		Supplying and fixing following rating 240/415 volts miniature circuit breaker suitable for inducting loads of following poles in the					
2.12.1		6 A to 32'A, Single pole		16	each	237.00	
	1.3.3						
2.12.2		6 A to 32 A, SP&N		8	each	606.00	
	1.31						
	1.32	Installation, testing and commissioning of prewired flouresent 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.		16	each	134.00	
1.41	2.19						
	1.33	Supplying and fixing 4'X18 wat[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		19	each	521.00	
5.1	1.34						

38.4
 Sr. Executive Engineer
 Building Construction Department
 Govt. of Bihar

