

**R.D. & D.J. COLLEGE, MUNGER**  
**MUNGER UNIVERSITY, MUNGER (BIHAR)**

(ADMINISTRATIVE BLOCK, SHASTRINAGAR, MUNGER, - 801201)

Name of work Tender no. rddj03/26 **Electrical Installation and fire fighting  
of Science Block**

1. ( To be mentioned on .....  
The envelop) .....
2. Estimated cost . 4478064.00
3. Cost of B.O. Q. ( non – refundable) 5000.00
4. Amount of earnest money . 89561.00.
5. Time of completion . 6 MONTHS
6. Date and Time of sale of B.O.Q. 26.03.2026
7. Date of Submission of sealed tender 10.04.2026

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

-Gant.  
24/03/26

**RD & DJ COLLEGE, 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**

**R.D.& D.J. COLLEGE, MUNGER UNIVERSITY,  
MUNGER  
NOTICE INVITING TENDER**

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, RWD, 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 P.M P.M. on 10.04.2026 by the Registrar, Munger University, Munger for **Electrical Installation and fire fighting of Science Block on Estimated cost: Rs. 44,78,064/-** in R.D. & D.J. College under Munger University, Munger

Tenders will be opened on 10.04.2026 at 5.00 PM in the presence of tenderer or their authorized agents whoever may be present in the office of the Registrar, Munger University.

1. 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 separate Tender form attached with this tender notice.
2. The rate shall be inclusive of all taxes, royalties, carriages and all other incidental charges, payment of which will be sole responsibility of Contractors.
3. Percentage of rate quoted shall be up to two places after decimal.

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 tenderers are required to deposit Earnest Money of Rs. 89561/- In the shape of Six years N.S.C., three 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, Munger University, Munger. Cost of B.O.Q. is Rs 5000-(non-refundable) that should be deposited in the form of DD along with tender papers.
9. Following papers should be attached with tender paper- up to date labour license, Sale Tax Registration & Clearance certificate, income Tax Clearance Certificate, Contractors Registration Certificate & Character Certificate. The downloaded tender documents may be submitted to the authority along with the cost of BOQ and earnest money upto 10.04.2026 till 2.00 PM.
9. Authority reserves the right to reject any or all the tenders received, No reason for the rejection of the tenders 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 forfeited in case he declines to sign, 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.

13. 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.
14. N.I.T. and special conditions will form the part of the agreement.
15. GST equal to 2% (two percent) shall be deducted from the bills.
16. 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.
17. 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.
18. 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.
19. 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

**RN & DJ COLLEGE, 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 of amount 50% of BOQ amount 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 of 1 no. degree and 1 no. diploma 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 niddle vibrator, water tanker , shuttering plate, reverse rotary rig machine and material testing equipments whom or sub contract 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/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 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. The all documents should be self attested with M. no. and date

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 most 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 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. GSTax shall be charged 1% /GST /CGST from the Bills.

34. Contractor should be registered with the GST 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 Orissa

**RN & DJ COLLEGE, MUNGER**  
**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 .

RD & DJ COLLEGE, MUNGER						
MUNGER UNIVERSITY, MUNGER						
Rates are based on SOR 2023 (w.e.f. 01.09.2023) for Electrical Works						
Name of Work		BILL OF QUANTITY for Electrical installation and fire fighting of Science building at RD & DJ COLLEGE, MUNGER				
S. No	SOR Ref No.	Description Of Work	Unit	Rate	Qty	Amount
		Fire-Fighting				
1	27.40	Supplying, installation, testing and commissioning of electric driven terrace pump suitable for automatic operation and consisting of following, complete in all respects, as required: (Terrace Pump)				
		(a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainlesssteel shaft, mechanical confirming to IS :				
		(b) Suitable HP squirell cage induction motor TEFC type suitable for operation on 415 volts, 3 phase, 50Hz, AC supply with IP55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325.				
		(c) M.S.fabricated common base plate, coupling, coupling guard, foundation bolts etc.as required.				
		(d) Suitable cement concrete foundation duly plastered and with anti vibration pads.				
	4	900 lpm at 35 m Head				
		(1 Working & 1 Standby)	set	100010.000	2.000	
		Pipes and Accessories				
2	27.7	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS:1239 including Welding, fittings like elbows, tees, flanges,tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete				
	7.2	32 mm dia	m	1250.00	417.000	
	7.3	100 mm dia	m	240.00	1316.000	
	7.8	150 mm dia	m	120.00	1856.000	
3	27.9	Supplying and fixing single headed internal hydrant valve with instantaneous Gunmetal/ Stainless Steel coupling of 63mm dia with cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gunmetal/Stainless Steel cap and chain as required :				
	27.9.1	Single headed Gunmetal	set	7245.00	2.000	
4	27.12	Supplying, fixing, testing & commissioning of double flanged sluice valve of rating PN1.6 with non rising spindle, bronze/ gunmetal seat, ISI marked complete with nuts,bolts,washers, gas kets and conforming to IS 780 of following sizes as required :				
	i 12.50	100 mm dia	set	14109.00	2.000	
	ii 12.60	150 mm dia	set	22316.00	2.000	
5		Providing, installation, testing and commissioning of non-return valve of following sizes confirming to IS:5312 complete with rubber gasket, GI bolts, nuts, washers etc.as required :				
	i 14.50	100 mm dia	set	10478.00	2.000	
	ii 14.60	150 mm dia	set	15398.00	2.000	
6	27.16	Supplying and fixing 63 mm dia, 15 m long RRL hose pipe with 63 mm dia male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required :				
	16.10	Gunmetal	set	5206.00	2.000	

*(Signature)*

Retired Executive Engineer  
Building Construction Department  
Govt. of Bihar



7	27.17	Supplying and fixing 63 mmdia,15m long RRL hose pipe with 63mm dia male and female couplings duly bound with GI wire, rivetsetc. conforming to IS 636 (type-A) as required :				
	17.20	40 m	set	9616.00	2.000	
8	27.18	Supplying & fixing 63 mm dia gunmetal short branch pipe with 20 mm nominal internal diameter size nozzle conforming to IS903 suitable for instantaneous connection to inter connect hose pipe coupling as required :				
	18.10	Gunmetal	NOS	2393.00	2.000	
9	27.21	Providing, fixing, testing & commissioning of 15 mm dia quartzoid bulb type sprinklers of rating 68 degree centigrade with required accessories				
	21.10	Pendent Sprinkler	Each	408.00	350.000	
10	27.22	Providing & fixing of pressure switch in M.S. pipe line including connection etc. as required.	Each	1442.00	350.000	
		<b>rain water</b>				
11	27.23	Providing & fixing flow switch in following sizes M.S. pipe including connection etc as required.				
	23.20	150 mm dia	Each	8634.00	2.000	
i	12.78.2	110 mm dia	MTR	257.50	10.000	
ii	12.78.1	75 mm dia	MTR	162.70	5.000	
12	12.79	Providing and fixing PVC fittings all complete as/specification & direction of E/I				
	12.79.5.2	110 mm plain bend	Nos	132.00	50.000	
	12.79.4.2	110 X 110 mm dia plain tee	Nos	190.70	42.000	
	12.79.3.2	110 X 110 mm dia door tee	Nos	193.40	48.000	
	12.79.5.2	110 mm dia X 45 Bend	Nos	132.00	90.000	
	12.80.2	110 mm pipe clip	Nos	182.72	44.000	
	12.79.5.1	75 mm elbow	Nos	91.80	46.000	
	12.79.4.1	75 mm plain tee	Nos	190.70	90.000	
		<b>ELECTRIC</b>				
		<b>SUB DISTRIBUTION PANELS</b>				
13	2.8	Supplying and fixing following way single pole & neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral busbar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB Isolator)				
	2.8.7	12 way, Double door	Nos	2374.00	8.000	
14	2.12	Supplying and fixing following rating, 24A/4L5 volts, "C" curve, miniature circuit breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required'				
	2.12.1	6-32 amps, Single pole	Each	237.00	32.000	
15	2.14	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	Nos	13.00	30.000	
16	2.15	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	2.15.1	40 AmPs	Nos	429.00	90.000	
	2.15.2	63 AmPs	Nos	529.00	60.000	

  
 Retired Executive Engineer  
 Building Construction Department  
 Govt. of Bihar



17	8.11	Supply and fixing of fabricated Electrical control panel of cubical construction, floor/wall mounted type, fabricated out of 16 SWG CRCA sheet, compartmentalised with hinged doors, dust and vermin proof, powder coated painting of approved shade after 7 tank treatment process, cable alley, internal wiring, earth terminals, Bus bar Chamber, insulator and complete in all respect etc and panel manufactures must be approved by CPRI. (But without RYB inicator, ammeter, voltmeter, inter-connection copper conductor cable/solid copper strip.	sft	1809.00	48.000
18	2.15	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.			
	2.15.1	40 AmPs	Each	429.00	90.000
	2.15.2	63 AmPs	Each	529.00	60.000
19	2207	3.5 core, 50 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	RM	394.00	120.000
20	2208	3.5 core, 70 sq. mm XLPE/PVC insulated PVC sheathed (Heavy duty) armoured electric cable with aluminium conductor	RM	526.00	110.000
		INTERNAL WIRING			
21	2	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.			
	1.7.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Mtr.	246.00	1165.000
	1.7.4	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Mtr.	422.00	532.500
	1.7.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Mtr.	201.00	1400.000
	1.7.5	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	Mtr.	551.00	300.000
	1.7.6	2 X 16 sq. mm + 1 X 6 sq. mm earth wire	Mtr.	775.00	220.000
	1.7.13	4 X 16 sq. mm + 1 X 6 sq. mm earth wire	Mtr.	1312.00	110.000
		Point wiring for Power socket Point Circuits			
22	1	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 on surface medium class PVC conduit with modular switch , modular plate, suitable size G.I. box etc as required.			
		BULB			110.000
		TUBE			40.000
		CEILING FAN			30.000
		EXHAUST FAN			6.000
	1.3.3	Group C	Point	1146.00	186.000
		Power Wiring for Power Socket Point Circuit			
23	1.31	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	Nos	414.00	24.000
24	1.32	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	Nos	531.00	24.000
25	2.19	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.	Nos	1513.00	18.000

Retired Executive Engineer  
Building Construction Department  
Govt. of Bihar



26	1.33	Supplying and fixing 2 pin, 6 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	64.00	212.000	
27	1.34	Supplying and fixing batten/ angle holder including connection etc. as required	Each	80.00	110.000	
28	1.25	Supplying and fixing stepped type electronic fan regulator on the existing modular plate/ switch box including connections but excluding modular plate etc. as required.	Nos	358.00	30.000	
29	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.	Each	2,482.00	30.000	
30	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 above fan, making good the damage, connection, testing, commissioning etc. as	Each	296.00	8.000	
31	8.17.3	300 mm sweep A.C> Exhaust fan / freashair fan of Model Ventil Air DS Havels make Equivalent	Each	6,982.00	8.000	
32	3.21	Providing chemical/mineral maintenance free earthing system comprising of copper coated earth electrode 3 metre length and 17.2 mm outer dia along with 25 kg earth conductivity enhancing back fill mineral compound for earth electrode to fill up the excavated earth and earth inspection pit	SET	16,675.00	4.000	
33	3.17	Providing and fixing 4.0 mm dia copper wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/	MTR	122.00	200.000	
34	20.3A.1	Making 25 cm (10") dia bore up to 4 mtr depth below ground with hand auger of approved quality in ordinary soil (vide classification of soil item A ) true to plumb and without eccentricity in any stage of operation and disposal of the excavated earth up to 50 mtr , Lead including all lifts , all complete as per approved design and direction of E/I Details of cost for	MTR	178.30	40.000	
INSTALLATION ACCESSORIES						
35	1.21	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required.				
	1.21.2	25mm dia conduit pipe	Mtr.	120.00	1265.000	
					amount	

*[Handwritten Signature]*

Retired Executive Engineer  
Building Construction Department  
Govt. of Bihar

