

## **TENDER NOTICE**

**Tender no. 10**

**Date:-28-05-2025\_**

**Sealed quotations are invited from reputed and experienced firm as per following details.**

- |   |   |
|---|---|
| 1. Name of work                               | : Installation of electric panel and cable in building no.04. |
| 2. Estimated Area                             | : School building/Blocks-4 (Description of work enclosed )    |
| 3. Time of Completion                         | : Within 15 days from the date of approval                    |
| 4. Date of Tender Notification                | : 28/05/2025  |
| 5. Last Date/Time for Receipt of Bids         | : 04/06/2025  |
| 6. Name and address of office inviting Tender | : D.A.V. Public School, BSEB Colony, Patna-23                 |
| 7. Contact No. of procurement office          | : School's Telephone No. 0612-2283467                         |

### **FOLLOWING POINTS NEED ATTENTION**

1. Only the quality materials (Branded Company) and standard workmanship will be acceptable.
2. Each interested firm will submit the two sealed quotations viz financial bid and technical bid.
3. The school shall not be liable to pay any tax, freight etc. which has not been expressly stipulated in the quotation in the event of acceptance of the quotation. The school will deduct TDS as per rules of Income Tax.
4. The undersigned does not bind himself/herself to accept the lowest quotation and reserves the right to accept the quotation in whole or in part i.e., with respect to all the articles mentioned in the attached statement or in respect of one or more than one articles specified on the attached statement as he/she may decide.
5. On acceptance of the quotation it will become a contract and the contractor shall be bonded by the terms and conditions of the quotation as well as contractor must fulfil the terms and conditions of Government of India/Bihar.
6. The quantity of articles indicated in the attached statement may be increased or decreased at the discretion of the undersigned without assigning any reason.
7. In the event of acceptance of quotation and placing of the order for repairing the articles ordered for, would be subjected to an inspection by the undersigned or architect and are liable to be rejected if the articles supplied are not according to approved samples or do not conform to the specifications prescribed by the architect.
8. The rate quoted by the contractor shall hold good up to finishing of the construction. No amendment will be expected in the approved rate.
9. The payment will be made to the contractor through A/c payee cheque as per the agreement and duly approved by the architect.
10. Quotations which do not comply with the above conditions are liable to be rejected.
11. The site and proposed map is open for inspection before bidding for all interested persons.
12. All due formalities related to safety and security of the labourers (as per Govt. Norms) is sole responsibility of the firm who will accept the work.
13. Management of wastage will be responsibility of selected firm and the expenses incurred over it will be beared by the selected firm.
14. Please add- the undersigned may change the dates as well cancel the tender at any time without any prior notice.
15. All disputes subject to Patna Jurisdiction only.

### **MEMBER OF BUILDING SUB-COMMITTEE**

1. Mr. Ram Anugrah Narayan Singh, LMC Chairman
2. Mrs. Anita Wadehra, LMC Vice-Chairman
3. Mr. S.K.Jha , Regional Officer -cum- Manager , DAV Public Schools, Bihar Zone-A
4. Mr. A. C. Jha, Principal, DAV Public School, BSEB Colony, New Punaichak, Patna.
5. Mrs.Jyoti Sinha , Principal, DAV Public School, Walmi Complex, Phulwarisharif, Patna
6. Mr. Vijay Kumar Pathak, Principal, Dr. G.L. Dutta DAV Public School, Kankarbagh, Patna
7. Nominated Architect
8. Teacher members.

  
A. C. Jha

Principal  
Principal

D.A.V Public School

B.S.E.B. Colony, New Punaichak, Patna-23

Affiliation No.-330050, School Code-6504

  
S.K.Jha

Regional Officer-cum-Manager

Manager

D. A. V. Public School

B.S.E.B. Colony, New Punaichak, Patna-23

Aff. No.-330050, School Code-6504

**Estimate for UG Cable, Electric panel and electrical wiring for Air conditioning of  
DAV School Block no.- 04 at BSPHCL Colony, New Punaichak, Patna.**

SL. NO	SOR S.No	Particulars of works	Unit	Qty	Rate	Amount
1		Supply and fixing suitable size GI box with with modular plate & Cover in front on surface or recess including P/F 25 A modular socket outlet including 25 A modular SP MCB "C"curve including connection painting etc as required.	Each			
2		Wiring for circuit / submain wiring along with earth wirethe following size FRLS PVC insulated copper conductor single core cable in the surface/recessed PVC condute etc as required				
		a) 2*4 + 1*4 sq mm with earth wire	Meter			
		b) 4*10 + 1*6sq mm with earth wire	Meter			
		b) 4*16 + 1*6sq mm with earth wire	Meter	275	1312.00	
3		S/F of following way double door horizontal type 3 pole and nutral sheet MCB distribution board 415V on the surface/recessed complite with tinned copper bus bar etc as required (but without MCB/RCCB/Isolator) make Havells/ legrand				
a		4 way (4+12) double door	Each			
4		Supplying & Fixing of following rating 240 V 'C' curve miniature circuit breaker suiatable for inductive load of following poles in the existing MCB DB complete with connection, testing and comminsioning etc as required.make Havells/ legrand				
a		6-32 A SP MCB	No.			
b		40-63 A TPN MCB	No.			
5		Supplying and fixing of fabricated electric control panel of cubical construction, wall/floor mounted fabricated with 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, busbar chamber, insulator and complete in all respect etc and panel manufacturer must be approved by CPRI. (But without RYB indicator, voltmeter, ammeter, interconnection copper conductor cable/solid copper strip, switchgears etc.) <b>MAIN PANEL</b>				
a)		400 A 50KA 4P MCCB Make Havells/ Legrand				
b)		400 A Change over switch Make Havells/ Legrand				
c)		500 A Bus bar Make Havells/ L&T				

d)	40/63 A TPN MCB Make Havells/ Legrand				
e)	40 A DP MCB Make Havells/ Legrand				
f)	S/f panel mounted digital multimeter(voltmeter & ammeter) including CT coil and RYB pilot lamp indicator in the existing cubical panel board including drilling holes in the panel board making connection etc as required				
g)	Copper Strip				
h)	Fabrication of panel @ 1809/sqft				
6	Supplying and fixing of fabricated electric control panel of cubical construction, wall/floor mounted fabricated with 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, busbar chamber, insulator and complete in all respect etc and panel manufacturer must be approved by CPRI. (But without RYB indicator, voltmeter, ammeter, interconnection copper conductor cable/solid copper strip, switchgears etc.) <b>SUB PANEL for Light load</b>				
a)	200 A 36KA 4P MCCB Make Havells/ Legrand				
b)	200 A Change over switch Make Havells/ Legrand				
c)	200 A Bus bar Make Havells/ L&T				
d)	40/63 A TPN MCB Make Havells/ Legrand				
e)	40/63 A DP MCB Make Havells/ Legrand				
f)	S/f panel mounted digital multimeter(voltmeter & ammeter) including CT coil and RYB pilot lamp indicator in the existing cubical panel board including drilling holes in the panel board making connection etc as required				
g)	Copper Strip				
h)	Fabrication of panel @ 1809/sqft				
7	Supply of following sizes and core PVC/XLPE insulated, PVC sheathed heavy duty armoured electric power cable with aluminium conductor for working upto 1.1 KV etc as required. Make- Hvell's/Polycab A) 400 sq. mm 3.5 core				

8	Laying of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required. (a) Above 185 Sq mm and upto 400 Sq. mm				
9	Laying of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of following size direct in ground in same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc. as required. (a) Above 185 Sq mm and upto 400 Sq. mm	-			
10	Laying and fixing of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of following size on wall surface as required. (a) Above 185 Sq mm and upto 400 Sq. mm (Clamped with 40*3 mm MS flat Clamp)				
11	Earthing with GI earth pipe 4.5 meter long, 40 mm dia including accessories and providing masonry enclosure with cover plate having locking arrangement and watererding pipe etc with charcoal/ coke and salt as required.				
12	Providing and fixing 6 SWG GI wire on surface or in recess for loop earthing as required.				
13	Supply and Making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 KV grade as required.				
	3.5 * 400 sq mm (82 mm)				
14	Suply and installation of Aluminium Lugs of following sizes.				
a)	Aluminium lugs for 400 sq. mm. cable				
b)	Aluminium lugs for 240 sq. mm. cable				
TOTAL					

### 0.3 APPROVED BRAND

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S NO.	ELECTRICAL MATERIALS	APPROVED BRAND NAME
1	FR PVC insulated copper conductor	Havells/ HPL/ Capital/ KEI/ Polycab/ Standard/ L & T/ RR Kabel
2	PVC insulated Aluminium conductor	Capital/ Harson/ Polycab
3	PVC Conduit and Accessories	Malhotra/ Polycab/ Harson/ AKG/ Sharp/ Anchor
4	Piano type Switches and Accessories	Anchor/ HPL/ Havells/ Cona
5	Modular type Switches and Accessories	Crabtree & Coral (Havells)/ Roma/ HPL/ Legrand (Mylinc)/ Philips/ ABB/ Levana (Polycab)/ C & S/ L&T/ Standard
6	Switch disconnector (SFU), Changeover Switches, Busbar	Havells/ HPL/ Standard/ Capital/ ABB/ Legrand/ L & T/ C & S
7	MCCB's, & RCCB	Havells/ HPL/ Standard/ ABB/ Legrand/ L & T/ C & S/ Polycab
8	MCB, MCB DB's, Isolator	Havells/ HPL/ Standard/ ABB/ Legrand/ L & T/ C & S/ Polycab/ Anchor (UNO)
9	Chemical Earthing	OBO/ True Power
10	PVC Insulated Armoured Cable	Havells/ Capital/ Polycab/ KEI/ RR Kabel
11	Fan & Exhaust Fan	Crompton/ Orient/Anchor /Havells / Bajaj/ Standard
12	Electrical Luminaire/ Fixture, Lamp & ballast	Havells/ Philips/ Bajaj/ HPL/ Crompton/ Polycab/ C & S
13	LED Luminaire/Fixture	Philips/ Havells/ Bajaj/ Jaquar/ HPL/ Syska/ C & S/ Crompton/ Wipro
14	Octagonal Street Light Pole	Bajaj/ Philips/ Crompton/ Volmont/ Transrail