



Government of India
Central Public Works Department
O/o the Assistant Engineer (E)-I, Punaichak, Patna



No. 1(1)/AE(E)-I/CPWD/2026/300

Date: -17/08/26

:-SHORT NOTICE INVITING QUOTATION:-

Assistant Engineer (E)-I Central Public Works Department, Punaichak, Patna on behalf of the President of India invites sealed item rate quotation for the following work from approved and eligible contractor registered in CPWD. The quotation shall be submitted on or before **20/08/2026** up to 3:00 PM and quotation will be opened at 3.30 PM on the same day. The undersigned shall reserve the right to accept or reject one or all the quotations without assigning any reason thereof.

Name of Work: - Renovation & Maintenance work of Office building at First Floor, Old office building at ground floor & Residential Qtrs. at SIB -Patna. (SH:- Electrical work).

Sl. No.	Description of Items	Qty.		Rate	Amount
1	Supplying, Installation, Testing and Commissioning of 250 mm Sweep PVC body Exhaust Fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required with standard accessories as per direction of Engineer-in-charge.	2	Nos.		
2	LED Batten light (System lumen efficacy $\geq 105 < 120$ lm/Watt). Supplying, Installation, Testing & Commissioning of LED surface mounted Batten light of following body material and construction as per IS : 10322 with driver (Replaceable) as per the requirement with Driver efficiency $> 85\%$, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range -5°C to 40°C , internal surge protection of 2.5 KV with Short & Open circuit protection, THD $< 10\%$, P.F. ≥ 0.95 , IP20, CRI > 80 , Flicker free, (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends, CCT 3000°K / 4000°K / 5700°K / 6500°K (As per ANSI Bin), SDCM(Standard Deviation Colour Matching) < 3 , Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing, complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy $\geq 105 < 120$ lm/Watt output . LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). Powder Coated CRCA Sheet Body (Thickness > 0.50 mm)				
2.1	40 Watt	30	Nos.		
3	Re-winding and Replacement of ball-bearings of existing Ceiling Fans motor with super enamelled copper winding wire of required SWG, including insulation paper, varnishing, baking replacement of cotton tape/sleeve, cleaning of rotor, stator, fan body and blades, balancing of blades and tightening of all nuts & bolts along with Re-assembly, installation, testing & commissioning of the ceiling fan including connections etc as required.	23	Nos.		
4	LED Street light fixture, powder coated pressure die cast aluminium body (System lumen efficacy $\geq 105 < 120$ lm/Watt)				

Sl. No.	Description of Items	Qty.		Rate	Amount
	Supplying, installation, Testing & Commissioning of Street light LED fixture powder coated pressure die cast aluminium body with driver as per the requirement with Driver efficiency >85%, Input voltage: 140-270 Volt AC, frequency 50/60 hz, Operating temp range -5 0C to 50 0C, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency >85%, THD < 10% as per IEC 61000-3-2, P. F. ≥ 0.95, IP-66, IK-10, CRI >70, under voltage and over voltage protection, EMI/EMC As per CISPR -15, lenses for beam angle as per IESNA type I/II/III as per the width of the road and the project requirement., suitable to fit in up to 65mm dia pipe, life time (LED, Driver & electrical circuitry) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K / 6500°K (As per ANSI Bin), SDCM (Standard Deviation Colour Matching) <5, Maximum power consumption should not more than the specified rating and				
	Fixture shall be of relevant BIS standard complete in all respect i/c external connections with 1.5 sq.mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥ 105 < 120 lm/Watt output .LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C).				
4.1	100 watt	4	Nos.		
5	Brush Less Direct Current (BLDC) Fan without Remote Supply, Installation, Testing and Commissioning of ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. metal(Aluminium alloy) blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, steel/Al body Power Factor not less than 0.9, Service Value (CM/M/W) minimum as below, 350 RPM (tolerance as per IS : 374-2019), THD (Total Harmonic Distortion) less than 10%, suitable for operation with regulator for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 0C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC supply, Ceiling Fan compliant to IS 374:2019 fan i/c external connections with 1.5 sq.mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required.				
5.1	1200mm, service value ≥ 6.0 CM/Min/Watt, air delivery 210 CM/Min (Minimum)	6	Nos.		
6	Supplying and fixing of 9 Watt LED Bulb/Lamp in the existing holder including connections etc as required.	15	Nos.		
7	Supplying and erection of 100 A Porcelain Re-wirable Kit-kat Fuse complete as required.	1	No.		
8	Supplying and fixing FP sheet steel enclosure on surface along with having 125 A, 4 pole, 36 KA 415 V MCCB complete with connections, testing and commissioning etc as required.	1	No.		

Sl. No.	Description of Items	Qty.		Rate	Amount
9	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc as required.	1	No.		
10	Re-winding of 1 HP booster pump with enamelled copper winding wire of original gauge and turns ,replacing insulation materials ,replacing bearings along with refitting ,reconnecting and commissioning ,connections etc as required.	1	No.		
11	Less Credit Buy-back for the dismantled materials including with dismantling labour charges :-				
11.1	1 HP booster pump burnt dismantle copper winding wires	2.00	Kgs.		
11.2	2 HP booster pump dismantle both bearings	2.00	Nos.		
11.3	LED Street light fittings	4.00	Nos.		
11.4	Non-repairable Ceiling Fans	6.00	Nos.		
11.5	Ceiling Fan burnt dismantle copper winding wires	1.50	Kgs.		
11.6	Ceiling Fan dismantle both ball-bearings	2.00	Nos.		
11.7	Porcelain Re-wirable Kit-kat Fuse	1.00	No.		
11.8	Rusted SPN Industrial socket	1.00	No.		
	Total Rs.				

Terms & Conditions: -

- 1 The work should be carried out as per CPWD specification and satisfaction for electrical works Part - I (Internal - 2023) amended up to date, and as per additional terms and conditions for this work.
- 2 The work will be carried out at SIB Office & Residential Building, Patna.
- 3 All materials shall got approved before use at site by Engineer-in-charge before use.
- 4 The site shall be cleared of malba, debris caused by working at site by the electrical contractor without any extra cost to the department.
- 5 The time allowed to carry out the work is 07 (Seven) Days.
- 6 No T & P support shall be provided by the Department.
- 7 The rate quoted by the contractor shall be full & final including all taxes and dutes as applicable and nothing shall be paid extra on this account.
- 8 The contractor can be terminated at any time by the Engineer - In - Charge without assigning any reason.

Approved makes of materials to be used in the work are as under: -

- | | | | |
|-----|--|---|---|
| i | LED Light Fittings | : | Philips/Havells/Jaguar/Crompton / Bajaj / Panasonic |
| ii | Fan | : | Usha / Crompton / Bajaj / Havell |
| iii | MCCBs, MCB DB, Kit Kat Fuse, Enclosure, Industrial Socket. | : | ABB / Siemens / Schneider / Legrand / Achor / L & T |
| iv | All other items not covered above | : | As per the approval of Engineer - In - Charge. |

Following photo copy of document shall be submitted in office: -

- a Enlistment Order of the Contractor in Composite Category.
- b Copy of Electrical Lisence.
- c Certificate of Registration of GST.
- d Copy of PAN Card.

Copy forwarded for information to the: -

- 1 The Executive Engineer (E), CPWD, Punaichak, Patna.
- 2 Notice Board.
- 3 <https://etender.cpwd.gov.in>

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Rhany 17/08/26
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