

No: 2635/E1/2022/NK/TVPM

Office of the Nirmithi Kendra,
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23/09/2022

Invitation of Tender –Electrical work at Govt.HS Mannanthala

District Nirmithi Kendra invites Competitive tender from authorized Suppliers/Individual in the form attached herewith for Electrical works_in District Nirmithi kendra's Project site at Govt.HS Mannanthala

Sl. No	PARTICULARS	QTY	UNIT
1	Supply Conveyance, installation, testing and commissioning of 40W LED Flood light output greater than 105lumen/W 4000-6000 K with IP 66 protection LED Chip make Cree/Lumileds/Nichea with power factor greater than 0.95 at full load, internal surge protection up to 8 KV, and Aluminium pressure die-cast Powder coated housing, acrylic cover complete with THD less than 10%, power factor greater than 0.98, RoHS compliant, duly wired up for use on 230 V AC supply. Driver compartment should be separately accessible for maintenance (LM 79&80 certificates from NABL accredited Third party lab to be produced mentioning chip manufacturer)	12	Nos
2	Supply, conveyance, installation, testing and commissioning of ceiling fans of the following sizes using standard accessories excluding resistance type regulator, wiring the down rod with 16/0.20mm PVC insulated and PVC sheathed 650/1100V grade 3 core round copper conductor flex wire or with extended original wiring etc. as required. 1200mm sweep -5star rated ceiling fan complete with 300mm down rod, canopies, shackles and blades working on 230V/240V single phase A/C	8	Nos
3	Supplying and fixing extra down rod of 10 cm length G.I. pipe, 15 mm dia, heavy gauge including painting etc. as required. (Note: More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	10	Nos
4	Supply conveyance, installation, testing and commissioning the light fittings of following types made from CRCA sheet 0.5mm thickness with all accessories and lamps directly on wall and giving connections with 16/0.20 mm 3 core PVC insulated and sheathed round	2	Nos



	copper conductor flex wire or extending the original wiring and giving connections as required 1x28wT5 fitting with APF electronic ballast suitable for continuous operation with THD less than 10%, powerfactor greater than 0.98, RoHS compliant, high lumen tube .		
5	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pol	3	Nos
6	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required. 12 Module (200mmX150mm)	3	Nos
7	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required. 6 Module (200mmX75mm)	3	Nos
8	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	9	Nos
9	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	3	Nos
10	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 2X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	20	metre
11	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 2x1.5 sq. mm + 1x1.5 sq. mm earth wire	20	metre
LIST OF APPROVED MAKE OF MATERIALS			
Sl No	Materials	Make	
1	MCCB/MCB/ELCB/RCCB/Isolators	Legrand, Schneider, Seimens, L&T, ABB or equivalent	
2	Pvc insulated wires/Armoured cable	Traco/Lapp/Finolex/V-guard/Havells/Helukable/RR/Gloster/Nicco/Universal/CCI/Ravin/Torrent or equivalent	



3	Distribution board	Legrand,Schneider,Seimens, L&T,ABB or equivalent
4	Switch,Socket outlet and receptacle	Legrand,Schneider,Seimens, L&T,ABB or equivalent
5	Cable gland and cable lug	Hex/Jainson/Commet/ equivalent
6	PVC Conduit pipes	Precision/Balco/Equivalent
7	Light Fixtures	CG/Bajaj/Philips/Wipro/ Havells/Osram or equivalent
8	Fan	CG/Bajaj/Usha/Havells/ Almonard or equivalent
9	Networking equipments and accessories	TP-Link/CISCO or equivalent

2) **Bid Price**

- Tender shall be for the full quantity as described above. Corrections if any shall be made by crossing out re-writing with initial and date.
- The rate should be all inclusive of taxes, levies, transports etc. Usual deduction of taxes will be made from the gross amount of bill.**
- The rate quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- The price should be quoted in Indian rupees only.

3) Each bidder shall submit only one quotation

4) **Validity of tender**

Tender shall remain valid for a period not less than 45 days after the dead line date specified for submission

5) **Evaluation of tender**

The tender will evaluate and compare the tender determined to be substantially responsive ie which

- Are properly signed
- Confirm to the terms and conditions and specification.

6) **Award of Tender**

- The work will award to the tenderer whose tender has been determined to be substantially responsive and who has offered the lowest evaluated quotation price
- The tenderer whose bid is accepted will be notified of the award of the contract by the purchaser prior to expiration of the tender validity period. The terms of the accepted offer shall be incorporated in purchase order.



- 7) The amount will be released after verification of the material in physical, quality and receipt of invoice in this office according to the availability of funds. Individual or authorized dealers/agents are only eligible.
- 8) Tenderer are requested to provide your offer latest by 12 hours on **30/09/2022** and the tender will be open at **30/09/2022, 03.00 pm**
- 9) Cost of Tender form: Nil
- 10) Earnest Money deposit: Nil

We look forward to receiving your tender and thank for your interest in this work.

Copy to: Website&Notice board




Project Manager (i/c)

Format of Tender

Sl No	Description	Qty	Unit	Rate	AMOUNT	
					Amount in figures	Amount in words
1	Supply Conveyance, installation, testing and commissioning of 40W LED Flood light output greater than 105lumen/W 4000-6000 K with IP 66 protection LED Chip make Cree/Lumilled/Nichea with power factor greater than 0.95 at full load, internal surge protection up to 8 KV, and Aluminium pressure die-cast Powder coated housing, acrylic cover complete with THD less than 10%, power factor greater than 0.98, RoHS compliant, duly wired up for use on 230 V AC supply. Driver compartment should be separately accessible for maintenance (LM 79&80 certificates from NABL accredited Third party lab to be produced mentioning chip manufacturer)	12	Nos			
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11	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface /	20	metre			



recessed medium class PVC conduit as required 2x1.5 sq.mm + 1x1.5 sq.mm earth wire					
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Gross Total Cost: - Rs.....

(In words) We agree to supply the above goods in accordance with the technical Specification for a total price of Rs.....(amount in figure).....
(amount in words) with in the period specified in the invitation for tender.

Signature of Tenderer

