



Kerala Tourism Development Corporation Limited

(A Government of Kerala Undertaking)

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GST IN 32AABCK0385J1ZP

AE E)II/KTDC.EW.TVM/32/Ripple Land/ELE/2023

18-09-2023

QUOTATION NOTICE

Sub: - KTDC – Ripple Land Alappuzha- Electrical works in Kitchen and Restaurant – Quotation Notice – reg.

Competitive offers are invited from eligible contractors for the Electrical works in Kitchen and Restaurant at KTDC- Ripple Land Alappuzha as per the schedule attached and the following terms and conditions.

Terms & Conditions

1. The rate shall be inclusive of GST, duties, loading, unloading charges, transportation, other incidental expenses and net for the work at site. No rate escalation will be allowed under any circumstances.
2. All statutory deductions will be deducted from the bill and exemptions if any shall be informed with supporting documents.
3. The bidders shall have valid B grade contractor license with supervisor permits demanded by Kerala state Electricity Licensing Board.
4. The work shall be carried out in consultation with the KTDC officials
5. The work shall be completed within 25 days from the date of receipt of order.
6. The work has to be planned & completed without affecting the normal functioning of the Hotel.
7. All the works are to be carried out with good workmanship as per the latest code of practice in accordance with the rules and regulation of the Kerala State Electrical Inspectorate.
8. The Materials used for the work shall be from the approved make of materials mentioned in BOQ.
9. **The quotations sent through POST, envelope shall be superscribed with term QUOTATION followed by name of work.**
10. Payment Terms-100% payment will be released on full completion of all works at site.

The offer shall reach the office of the Chief Engineer, KTDC Ltd., Mascot Square, Trivandrum – 695 033 on or before **29-09-2023, 2.30 PM.**

If the last date mentioned falls as a holiday or Harthal, the very next working day will be treated as the last date.

Issac Varghese
Chief Engineer

Schedule for the Electrical works in Kitchen and Restaurant at Ripple Land Alappuzha at Ripple Land Alappuzha

SI No	Qty	Description	Rate	Unit	Amount
1	5	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVCinsulated copper conductor single core cable in surface / recessed medium class PVC conduit,with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLSPVC insulated copper conductor single core cable etc as required. Group A		Nos	
2	7	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVCinsulated copper conductor single core cable in surface / recessed medium class PVC conduit,with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLSPVC insulated copper conductor single core cable etc as required. Group B		Nos	
3	5	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVCinsulated copper conductor single core cable in surface / recessed medium class PVC conduit,with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLSPVC insulated copper conductor single core cable etc as required. Group C		Nos	
4	1	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.		No	
5	100	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		m	

6	175	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		m	
7	20	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 2 X 4 sq. mm + 1 X 4 sq. mm earth wire		m	
8	50	Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. 2 Pair		m	
9	6	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required. 50 mm		m	
10	25	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. 20 mm		m	
11	50	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. 25 mm		m	
12	1	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		No	
13	5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 15/16 amp switch		Nos	
14	10	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 3 pin 5/6 amp socket outlet		Nos	
15	5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 6 pin 15/16 amp socket outlet		Nos	

16	3	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.Telephone socket outlet		Nos	
17	25	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.		Nos	
18	5	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.1 or 2 Module (75mmX75mm)		Nos	
19	18	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required .3 Module (100mm X 75mm)		Nos	
20	5	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.4 Module (125mmX75mm)		Nos	
21	5	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.6 Module (200mmX75mm)		Nos	
22	5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or inrecess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residentialbuildings)		Nos	
23	5	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)		Nos	
24	15	Supplying and drawn of UTP 4 pair CAT 6 LAN cable in the existing surface/recessed steel/PVC conduit as required1 run of Cable		m	
25	2	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (withouindependent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.Group B		Nos	

26	2	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.Group A		Nos	
27	2	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.Group B 1 2.000		Nos	
28	2	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providng and fixing 2 Nos. 3 pin 5/6 A modular socket outlets and 2 Nos. 5/6 A modular switches, connection etc. as required. (For light plugs to be used in non residential buildings).		Nos	
29	3	1.58 Supplying and fixing PVC batten/ angle holder including connection etc. as required		Nos	
30	1	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface / recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)4 way (4 + 12), Double door		No	
31	1	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (butwithout MCB's and incomer) as required .(Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)8 way (4 +24) Double door		E	
32	1	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.40 amps		E	

33	1	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.63 amps		E	
34	24	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 pole		Nos	
35	4	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. Tripple pole		Nos	
36	4	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.		Nos	
37	1	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.40 amps		E	
38	1	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.63 amps		E	
39	4	Supply , installation, testing & commissioning of the 20W 4 Feet LED Tube Light fittings including all the accessories like clamps,screws and standard length connection leads etc. required for fixing and working on 240V, 50 Hz AC supply (Havells)		Nos	
40	15	Supply & providing 1200mm sweep BLDC type Ceiling fan with all accessories of good quality & approved make, including wiring the down rods of standard length (upto 30 cm) with 3C x1.5 sq. mm FR PVC insulated, copper conductor, flexible cable etc. as required		Nos	

41	6	Supply, conveyance, installation, testing and commissioning of recess mounting 20 watts square LED down lights with metal body (wipro Make or equivalent) including all the accessories etc. complete		Nos	
42	1	Supply and providing 400 mm Sweep 3 star rated high speed wall fan of good quality & approved make working on 240v, 50Hz Ac including connecting power chord, mounting accessories etc complete		No	
43	35	Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured aluminium power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages, colour washing etc. as required. 4 core 16 sq mm with factory made clamp		m	
44	35	Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required. 2.65 mm copper conductor (12 SWG)		m	
45	1	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.		No	
46	2	Supplying 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. 4 X 16 sq. mm (28mm)		Nos	
47	2	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required. 12 Module (200mm X 150mm)		Nos	
48	35	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 5/6 amps switch		Nos	
49	2	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 2 way 5/6 amps switch		Nos	

50	2	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. 12 Module		E	
51	1	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. 3 Module		E	
52	1	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. Module	4	E	
53	1	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. 6 Module		E	
54	1	Supply , Installation, Testing and Commissioning of 125A 4P on load change over switch in a suitable sheet steel fabricated enclosure having facility to terminate 2X3.5X35sqmm AYFY Cable as incoming and outgoing (Make: L&T,Model:CO1 -125)		E	
55	1	Supply and providing basic Multifunction LED metre and complete with connections, testing and commissioning etc. as required.		E	
56	3	Supply and providing panel mounted LED Pilot indicator IP65 round 230v Single phase including all accessories etc. complete as required at site. (RS PRO)		No	
57	1	Charges for dismantling the existing distribution boards/switch boards/Light fittings/fan/ wires etc completely from the wall and closing the same if unwanted and finishing the surface neatly including stacking the materials and hand over to the unit.		LS	
58	1	Painting the existing panels with Metallic aluminium fire proof, weather resistant, acid resistant, alkali resistant, paint of approved quality after rubbing the surface of panel with sand paper and cleaning the surface etc complete as required for painting and stenciling/lettering the each outgoing and incoming feeders.		LS	
		TOTAL (Inclusive of GST & freight)			

LIST OF APPROVED MAKES OF MATERIALS -ELECTRICAL		
SI No	Material	Make
1	Modular Switches	Legrand, MK, L&T
2	PVC copper wires-FRLS	Finolex, Havells, V Guard, RR Kabel, Polycab
3	Distribution boards (IP 43)	Legrand, Schneider, Siemens, Hager, Indoasian
4	ELCB /MCB/RCCB/ RCBO/MCB COS/MPCB	Legrand, Schneider, Siemens, Hager, Indoasian
5	LT Cables	Gloster, Nicco, Havells, Finolex, RR, Polycab
6	LT Cable glands	Commex, Dowels
7	PVC Conduits	Avon plast, Balco, Circle arc, Precision
8	Casing/ Capping	Modi, Precision or equivalent approved
9	SDFU / SFU / TPN Isolators	L&T, Siemens, Schneider
10	Light fittings	Philips, Crompton, Havells, Wipro, Luker
11	Lamps	Philips, Osram, Crompton Greeves, Wipro, Luker
12	Junction Boxes	Hensel, Cape Electric, Sintex
13	Exhaust fan	Usha, Havells, Bajaj, almonard, Crompton

Sd/-
CHIEF ENGINEER