



Kerala Tourism Development Corporation Limited

(A Government of Kerala Undertaking)
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AE(E)II/KTDC.EW-TVM/751/MA-Kuttiipuram-Ele/2021

11-10-2021

SHORT QUOTATION NOTICE

Sub: - KTDC-Motel Araam, Kuttippuram-Supply, Installation, Testing and Commissioning of new MV Panel and allied works – reg.

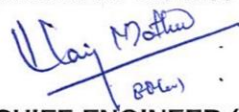
Competitive quotations are invited from reputed firms for the Supply, Installation, Testing and commissioning of new MV panel and allied works at KTDC- Motel Araam, Kuttippuram as per the attached schedule and following terms and conditions.

Terms & Conditions

1. The rate quoted shall be inclusive of GST, cost of materials, labour charges, cost of consumables, loading charges, unloading charges, other incidental expenses and net for the work at site.
2. No escalation of rates will be allowed under any circumstances.
3. All the work shall be completed within **20 days** from the date of execution of agreement.
4. The Contractor shall have valid B grade contractor license with valid B grade supervisor permit issued by Kerala state Electricity Licensing Board.
5. 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 and KSEB Ltd
6. The quantities given in the BOQ may vary as per the site requirement. The payment will be made to the actual quantities of materials used based on unit rates.
7. Necessary testing shall be carried out by the contractor after completion of the work without any additional cost.
8. Payment terms: - 100% payment will be released on full completion of all works at site.
9. The successful bidder has to execute an agreement on Kerala stamp paper worth Rs.200/- with security deposit for the fulfillment of contract

The offer superscribing the name of the work on the cover shall reach the office of the Chief Engineer, Kerala Tourism Development Corporation Limited, Mascot Square, Trivandrum on or before **11:00 AM, 18-10-2021**.

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


CHIEF ENGINEER (I/C)



AEE (Ele)

SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF NEW MV PANEL AND ALLIED WORKS AT KTDC- MOTEL ARAAM, KUTTIPURAM-BOQ

Sl No	Qty.	Specifications	Unit	Rate	Amount
1	8	Fabrication, supply, conveyance, installation testing and commissioning of floor or wall mounting, dust and vermin proof, cubicle type MV panel board comprising of the following components/ devices & complying to IS 8623. Fabrication of fully partitioned, dust and vermin proof enclosure for panel assembly as per form 4 of IS 8623 (with latest amendments) using CRCA sheet as per approved design and requirement, with front and rear access facility, bus bar chambers, hinged doors for all switch gear compartments, earthing the doors using 4 sq mm braided copper conductor, providing necessary cut-outs for mounting meters, relays, indication lamps, bus bar interconnection etc, detachable covers for bus bar chamber and cable alley, powder coating the assembly after subjecting to 7 tank process etc as required. CRCA sheet alone be used for the fabrication. Angles/ flats/ slotted angles etc shall not be used for the fabrication of panel assembly. The measurments will be taken the area of the complete sheets used for panel board including partitions, folding, shrouding etc. Supply and fabrication of MV panel board using 1.6mm CRCA sheet, powder coated (excluding base frame)	Sq.m		
2	0.5	Supply and providing 2mm SMC sheet as shrouding for bus interconnection / terminations etc. including required nut & bolt etc.	Sq.m		
3	20	Supply and providing heavy duty 'A' section neoprene gasket in the panel boardA' section neoprene beeding suitable for 1.60/ 2.00 mm sheet	m		
4	20	Supply and fabrication conveyance and installation of angle iron frame work for wall mounting panel board	Kg		
5	900	Supply and providing copper bus bars including finger type SMC bus bar supports in the bus chamber, suitable size nut & bolt, providng heat shrink sleeves etc. as required.	Cub cm		
6	150	Supply and providing copper earth bus in the panel board	Cub cm		

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7	7	Supply, conveyance and fixing the following types & current rated control gears & switchgears conforming to IS 13947 suitable for 440 V, 50 Hz, AC supply in the existing panel assembly as required.16 A-100A, 16 kA (Ics=100%Icu), 4 pole, current limiting type MCCB having thermal setting range of 80 - 100% with thermal magnetic release having adjustable OL	Nos		
8	1	Supply, conveyance and fixing the following types & current rated control gears & switchgears conforming to IS 13947 suitable for 440 V, 50 Hz, AC supply in the existing panel assembly as required.16 A-100A, 25/35 kA (Ics=100%Icu), 4 pole, current limiting type MCCB having thermal setting range of 80 - 100% with thermal magnetic release having adjustable OL	Nos		
9	8	MCCB AccessoriesSupply and fixing rotary handle, External type (including BUC handle with door interlock) in the existing MCCB of rating up to 250 A	Nos		
10	2.5	Fabrication, supply & installation of dust and vermin proof, wall mounting, meter box of 1000x600x300mm size suitable for fixing KSEB meter,fuse units, CT etc, hinged door construction for the front side with compartments if necessary, providing vision panel for the meter compartment, knock out for cable entry and exit(including Changeover switchBox)	Sq.m		
11	4	Supply and providing LED indicators for all voltage ranges - Red, Green, Black, Yellow or Orange Colour 	Nos		
12	2	Supply and providing LED indicators for all voltage ranges - Blue Colour 	Nos		
13	4	Supply and providing Three phase ammeter (A - R, Y, B) of accuracy class 0.1 in panel board 	set		
14	1	Supply and providing Three phase volt meter (V - RY, YB, BR, R, Y, B) of of accuracy 0.1 in panel board	set		
15	1	S & F of 63A switch disconnecter unit complete with handle assembly, door inter lock and padlocking arrangement of the following ratings:	Nos		
16	4	Supply and providing 25x3mm sizes bolt and nut with wahers on the existing MS box / earth bus etc. as required including drilling necessary holes as required	Nos		




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17	2	Supplying and making straight through joint with cast resin compound including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 3 1/2 X 25 sq. mm	Nos		
18	1	Supplying and making straight through joint with cast resin compound including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 3 1/2 X 35 sq. mm	Nos		
19	3	Supplying and making straight through joint with cast resin compound including ferrules and other jointing materials 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	Nos		
20	12	Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured copper 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 10 sq mm with factory made clamp	m		
21	25	Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured copper 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		
22	10	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. 3.5 core 25 sq mm with factory made clamp	m		

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23	10	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. 3.5 core 35 sq mm with factory made clamp	m		
24	1	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 10 sq. mm (25mm)	Nos		
25	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		
26	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 25 sq. mm (28mm)	Nos		
27	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 35 sq. mm (32mm)	Nos		
28	2	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	Nos		
29	30	Supply and clamping the following sizes of strips on surface of wall / parapet/ existing cable tray using clamps fabricated from 20 x 3 mm GI flat duly painted or heavy duty GI spacer saddles, spacing of clamps not exceeding 1 m, making good the damages, colour washing etc. as required (for vertical run). 25 x 3 mm copper strip	m		

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30	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.25 amps	Nos		
31	3	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	Nos		
32	1	Charges for dismantling the existing MV panel, Metering cubicle etc from the current position including all cable connections and stack the materials in a suitable position as directed by the unit officials.	LS		
33	1	Charges for preparation of schematic drawing and obtaining sanction from electrical inspectorate and provide the total connected load to KSEB electrical section and regularize the load.(Statutory fees will be borne by KTDC)	LS		
TOTAL (Inclusive of GST)					

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