

KERALA CRICKET ASSOCIATION

Extension of Office space and Renovation of Administrative Cabins, KCA Headquarters, Trivandrum-Electrification Works

Tender Schedule

SI No	Qty	Unit	Item Description	Rate (in Figures)	Unit	Rate (in words)	Amount
1	12	each	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. 1.10.3 Group C		/each		
2	450	meter	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 1.5 sq. mm + 1 X 1.5 sq. mm earth wire		/meter		
3	300	meter	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 2.5 sq. mm + 1 X 2.5 sq. mm earth wire		/meter		
4	200	meter	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		/meter		
5	120	meter	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 6 sq. mm + 1 X 6 sq. mm earth wire		/meter		
6	150	meter	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 10 sq. mm + 1 X 10 sq. mm earth wire		/meter		
7	250	meter	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. 20mm		/meter		

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8	200	meter	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. 25mm		/meter		
9	50	meter	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. 32mm		/meter		
10	10	each	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 A socket outlet		/each		
11	5	each	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 A switch		/each		
12	5	metre	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 A socket outlet		/metre		

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13	16	each	Supply of Day space LED fixtures with light levels of 3700 lm , UGR<19. The housing shall be CRCA. The luminaire should comply with LEED & WELL standards. CCT: 2700 K to blue for the sky and sun. 2700 K to 6500 K for the Daylight, CRI>90, Option of connectivity thorough Interacat & Dynlaite.Dimensions (LxWxH) 595 x 595 x 85 mm. Fixture should have combination of blue hue of sky, change in intensity of sky and daylight rhythm for general illumination in one solution. In addition to the mini island with the skylight and the daylight panel, the system is combined with NatureConnect link. This is the device that connects the NatureConnect luminaires to commonly used control systems like Interact. It allows these control systems to send simple commands in order to select a NatureConnect scene or change the brightness, while NatureConnect link takes care of executing the complex light recipes to the luminaires. In addition to NatureConnect luminaires based on DALI and DMX, it also supports DALI DT8 tunable white luminaires. Signify cat. No. NatureConnect daylight W60L60		/each		
14	8	each	Supply of Deep Recessed low glare LED Downlighter with cut off angle 38° made up of pressure die cast aluminum housing with high quality glossy facetted Al reflector and PDC Aluminium external Rim. The luminaire shall have minimum system Lumens of 1200lm @ 6500k, Life of fixture : 50000 burning Hrs. @ L70B50 Lumen maintenance, CCT Tunable White (3000K-6500K) CRI Ra >=80, PF ≥0.9, an Operating working temp range 0°C < Ta < 45°C & operating Voltage Range of 140-270 V AC, 50Hz. Minimum Internal Surge Protection 2.5KV, THD≤ 10%@ full load. Dimensions: 125mm cut out, OD137mm x 85mm. The beam angle shall be 36deg/60deg.The driver shall be tunable Dual channel type 8 DALI driver and the product shall be with Class B serviceability and RoHS compliant. Manufacturer shall have inhouse lab approved by NABL or ministry of science of govt of India. LM 79 and LM80 reports need to be submitted from a NABL/UL accredited lab to verify above parameters. Both the fixture and Driver should have separate BIS approval. Signify cat. DN590B M LED12S TWH PSD WH MB		/each		
15	1	each	Supply of Philips recess mountable 360 degree multifunction sensor that combines motion detection (PIR), Infrared remote control reception (IR) and ambient light level detection (PE) into one device. The Maximum detection range: 5 m Detection area: 7.4 m x 5.6 m rectangular (at a height of 2.4 m) and Detection speed: 1.0 m/s, LED activation indicator Sensor of Quad element pyroelectric of Philips DUS360CR or techno commercial equivalent in Kesslec or Osram only		/each		
16	1	each	Supply of 6 Button Antumbra Display Keypad User interphase - 16 Pages support up to 96 Functions, Automatic wall wash lighting effect triggered by user presence, Multiple language and icons to understand button functions easily of Philips PADPE-AM or techno commercial equivalent in Kesslec or Osram only		/each		

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17	2	each	Supply of Backbone communication module to user interphases with onboard Processor, Can store and recall up to 21 configurations using the DIP switch, powered through Dynet and no additional power required of Philips DACM -V2 or techno commercial equivalent in Kesslec or Osram only		/each		
18	1	each	Philips DALI Controller for Programming & Scene setting of light fixtures DALI Outputs including CCT Tuning suitable for DALI HF Ballasts, electronic low voltage transformers and LED fixtures Upto 64nos x 3 loops/ Circuits :192 Nos – each rated at 20A Built In DALI Bus Power Supply, automatically isolate the power circuit when all associated channels are at 0%. Control Options - Control of this device can be via a combination of methods, eg. serial control port, relay contacts, push button wall stations, infrared receivers and time clocks. DIN Rail mount installation. All connection terminals are accessible without disassembly of Philips DDBC320-DALI or techno commercial equivalent in Kesslec or Osram only		/each		
19	1	each	Supply of Relay controller 12 channel 20A or above Actuator designed to control any type of switched load. The power circuit is of a “feed-through” design and is electrically equivalent to a four pole contactor, with the additional advantage of each pole being separately controllable via the BUS Protocol network. The Actuator is DIN-rail mountable, designed to be installed in a switchboard next to the circuit breakers, feeding the circuits to be controlled. Each channel is fitted with a hardware override switch which is accessible from the front panel. of Philips DDRC1220FR/GLV2 or techno commercial equivalent in Kesslec or Osram only		/each		
20	1	each	Supply of Philips Dynalite RS232 Gateway for serial port integration between a DyNet network and third-party systems like Audio, video, Blinds etc DIN Rail mount installation of Philips DDNG232 or techno commercial equivalent in Kesslec or Osram only				
21	1	each	Supply of Philips Dynalite flexible network communications bridge designed for RS-485 networks. The two opto-isolated RS-485 ports enable the DDNG485 to implement a trunk and spur topology with the bridge providing a high-speed backbone opto-coupled to many lower speed spurs of Philips DDNG485 or techno commercial equivalent in Kesslec or Osram only		/each		
22	1	each	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, 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) 6 way (4 + 18), Double door		/each		

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23	15	each	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "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		/each		
24	6	each	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "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. Triple Pole		/each		
25	10	each	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.		/each		
26	2	each	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required 160A 4P MCCB		/each		
27	25	meter	Supply of the following 1.1kV grade XLPE insulated PVC sheathed armoured Al conductor power cable confirming IS 7098(part 1) up to date 3.5C x 35 sq.mm Al cable		/meter		
28	35	each	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.Upto 35 sq. mm		/each		
29	1	set	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.		/set		

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30	25	meter	Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required 3.15 mm copper conductor (10 SWG)		/meter		
			TOTAL				
			GST				
			TOTAL (incl GST)(Round off)				

Rupees in Words:

Place

Date

Sign & Seal of Contractor:

Name & Address of Contractor: