

Tender should reach TEQIP Cell up to 14th December 2017 and contract will be awarded on same date and the work is to be completed within 15 days

Tender for Providing & Fixing of Air Conditioners , Projector and Complete Electrification of TEQIP Cell in Tribology and Maintenance Center of Mechanical Engineering department:

S.No	Particulars	Quantity
1	Wiring for light point / fan point /exhaust point / call bell point with 1.5 sq. mm FRLS PVC insulated Copper Conductor Single Core Cable in surface / recessed medium class PVC Conduit with Modular Switch, Modular Plate, Suitable GI box & earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc as required.	
	a) Group C	25 Nos
2	Supply, Installation, Testing and Commissioning of multimedia LED projector Epson EB-S31 3LED SVGA projector Brightness 3200lm with HDMI Port (3200 lumens) Connectivity including providing & fixing Ceiling Mount Kit Square and installing the projector on ceiling in a well protected iron cage of suitable size . The job includes providing & fixing 20 meter HDMI/VGA Cable with connectors using PVC conduit/channel. Complete in all respects.	1 No
3	Supplying & fixing white wall mounted screen (6' x 8') for the multimedia LED projector, pull down type.	1 No
4	P/F of Inverter technology based Air Conditioner HVAC (Hot and Cold) with following Specifications:- <ol style="list-style-type: none"> 1. Company fitted Heat Convecter. 2. Type: - Split AC, Wall Mounted. 3. Capacity: - 1.50 Ton. 4. Make :- Daikan/IFB 5. Voltage: - 230 Volts. <p>Other Features: - Anti bacteria Filter, Jet Cool, Auto Start, Timer, and Sleep Mode. Complete in all respects including copper pipes, 4-core electric cable, MS stand; drain pipe and 5 KVA wall mount, copper wind, Stabilizer of Global / Alba/V-Guard (I/P 90-290V and O/P 200-290V)make. Complete in all respects.</p>	2 Nos
5	P/F of 1200mm sweep Decorative Oyster-Matallic/Fussion-II Metallic ceiling fan with 300 watt 5 step regulator and hook for fan. The job includes providing of fan hook in wooden/concrete ceiling wherever needed. Complete in all respects.	

		3 Nos
6	<p>P/F of Electric board point with earth wire in 4 mm multi stranded PVC copper wire in 1" 2mm PVC pipe/ channel of Plaza/Alba Make to be laid underground to be recessed in the wall with following accessories of modular series to be fitted on metallic box of suitable size (recess type). Complete in all respects including resurfacing of room plaster.</p> <p>1. 15 Amp Switch FT 1No. 2. 15 Amp Socket FT 2No. 3. 5 Amp, 5-pin Socket 2Nos. 4. Indicator 1Nos. 5. Fuse 1No.</p>	10 Nos
7	P/F of Bolt Round 12W LED 6000k Surface mounted round shaped LED downlighter with durable housing with Al heat sink with Diffuser to give glare free light with removable driver. Complete in all respects.	20 Nos
8	Supplying & fixing following modular switch of 15/16 Amp, Socket outlet of 6 pin 15/16 Amp and GI metal box along with modular base & cover plate of 3 module (100mm x 75mm) for modular switches in recess including connections etc as required. complete the job in all respects.	10 Nos
9	Wiring for light / Power plug with 2x4 sq. mm FRLS PVC insulated Copper Conductor single core cable in surface / recessed medium class PVC Conduit along with 1No 4 Sq.mm FRLS PVC insulated Copper Conductor single core cable for loop earthing as required.	50 Mtr
10	Wiring for Circuit / Submain wiring along with earthing wire with the following sizes of FRLS PVC insulated Copper Conductor, single core cable in surface / recessed medium class PVC Conduit as required.	
	a) 2x1.5 sq.mm +1x 1.5 sq.mm earth wire.	50 Mtr
	b)2x2.5 sq.mm + 1x 2.5 sq.mm earth wire.	50 Mtr
	c) 2x6 sq.mm +1x 6sq.mm earth wire.	30 Mtr
11	P/F of UTP Cat-6e cable of Dlink make in 2mm PVC pipe of Alba/Plaza make of suitable size. Complete in all respect.	100 Mtr
12	P/F of I/O box (computer socket-RJ 45,cat 6e) with key stone for internet connection of Dlink make with suitable connections. Complete in all respects.	10 Nos
13	P/F of Patch Panel Patch Panel Cat 6 UTP Keystone Type-24 Port-Fully Loaded for internet connectivity of / Dlink /Cisco/AMP make complete in all respects.	1No
14	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.	
	a) Single Pole	25 No
	c) Double pole	5No
15	Supplying and fixing 63 A rating, 240/415 V, 16kA "C" curve, Double Pole miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	5No
16	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)	
	a) 8 way Double Door	2No
	b)12 way Double Door	2No

Terms & Conditions:

1. List of Approved Makes

S No.	Items/material	Approved Makes
1.	Wires/Cables	Polycab/Anchor/havells
2.	Switches/sockets/Accessories	Schneider livia/Legrand/L&T
3.	Ceiling Fan/Wall Fan/ Cabin Fan	Havells/Standard/CG.
3.	MCB / Distribution Boards	Schneider(Acti9)/ Legrand / ABB/ L&T
5.	Luminaries including CFL & LED lamp & Tubes	Crompton/Havells/Syska


Coordinator
TEQIP-III