

Schedule of work.					
Name of work : Installation & Commissioning of Capacitor Bank and feeder pillar box in the campus of IACS, Jadavpur, Kolkata.					
Sl.No.	Description.	Quantity.	Unit.	Rate.(Rs.)	Amount(Rs.)
1	Supply,installation,testing & commissioning of Manual power factor correction (MPFC) Bank consisting of 100 KVAR (4 X 25 KVAR), 3 Phase, MDXL (mixed di-electric extra low loss) type power capacitor suitable for operation on 415 V ,50 Hz,AC supply system, in sheet steel enclosure of not less than 1.6 mm thick i/c Providing & fixing of 4 nos. MCCB (63 A, TP , thermal- magnetic release, 10 KA Breaking capacity) as controlling switch to each 25 KVAR capacitor bank i/c connection with copper cable / copper flat of suitable size,copper bus bar arrangement of size 25 mm x 5 mm, painting, etc complete as required.	2	Number		
	Make: L&T, schnneider,ABB, Epcos,				
2	Supplying & fixing of 50 Sq.mm single core, XLPE insulated, un-armoured, multi-strand, flexible copper cable of 1.1KV grade. As per IS 7098 (Part-1) 1988.	20	Meter		
	Make: Havells/Polycab/Gloster/KEI				
3	Supplying & making end termination with copper flat socket for following size of PVC insulated & PVC sheathed /XLPE insulated copper conductor power cable of 1.1 KV grade as required.				
a)	1 X 50 Sq.mm	16	Number		
4	Supply, Installation, Testing & Commissioning of compartmentalized outdoor type feeder pillar box, fabricated with powder coated, dust & vermin proof, 2mm thick CRCA sheet steel , suitable for 415V, 3-Phase, 50Hz AC supply. The feeder pillar box should contain 32 X 6 mm electrolytic grade TPN copper bus-bar along with all power & control terminals including wiring the terminals with FRLS PVC flexible copper wires of suitable size for fixing the MCCBs. The feeder pillar box should have provision for both side doors with provision for ventillation, foam rubber gasket, heat sleeves, rubber groomets, earth bus bar, door knob, LED indication lamps etc. complete as required. This job includes supply & fixing of "Danger plate" (200mm X 150mm) as per the relevent prvision of IE Rule.	1	Set		
5	Supply, Installation, Testing & Commissioning of following rating 415V, 4-pole Thermomagnetic release MCCB in the existing feeder pillar box, complete as required.				
a)	160A, 25kA, 4-pole	1	Number		
b)	100A, 25kA, 4-pole	2	Number		
c)	63A, 25kA, 4-pole	2	Number		
d)	32A, 25kA, 4-pole	2	Number		
	Make: ABB/L&T/Legrand/Hager/Siemens				
				Total	
Rupees.....only					
NOTE:The quoted rate shall be inclusive of all taxes & duties, levies, cess etc i/c GST also. Nothing extra will be paid to the Contractor except the accepted rate.					
	GST No:				
	SAC code:				
	CGST@.....% considered in the above BOQ				
	SGST@.....%Considered in the above BOQ				