

FINANCIAL BID

FINANCIAL BID FOR ELECTRIFICATION, DATA AND VOICE FOR OLD ELECTRONICS LABORATORY AT IIG					
sr.no- A	Items of works	Qty	Unit	Rate	Amt (Rs)
A	DISTRIBUTION BOARDS				
1	S & I of 8 way TPN, DB for distribution to all computer power points on workstations on iron/ G.I. frame/wooden board., having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) (Computer OUTPUT-DBs for control rooms /server rooms etc)-				
A	1 no, 100 A, TPN MCCB, incomer -				
B	8nos, 63A, TPN MCB, outgoing-				
	Full Set as above	1	SET		
2	S & I of 4 way TPN, DB for distribution to all computer power points on workstations on iron/ G.I. frame/wooden board., having below mentioned switchgears (Earth bar inside these DB should be insulated from the body) (Computer OUTPUT-DBs for control rooms /server rooms etc)-				
A	1 no, 63 A, TPN MCB, incomer -				
B	12nos, 25A, SPN MCB, outgoing-				
	Full Set as above	2	SET		
3	S & I of 40/63A, Mcb in sheet metal water proof IP-55 enclosure for giving supply to A/C Machines, Socket	6	Nos.		
B	CABELS / MAINS				
1	S & I of 1100V grade armoured cable having sector / circular shaped aluminium / copper conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed confirming to IS: 1554, laid on wall or ceiling using GI clamps and spacers as per route shown at site and further as directed by Bank / Architect in the following sizes.				
1.1	4C x 6 Sq.mm Copper	28	Mtr.		
1.2	4C x 10 Sq.mm Copper	18	Mtr.		
2	S & I of end termination of above mentioned cables including compressed type brass glands, crimping type coper lugs, insulation tape etc. as 'required complete with earthing of glands in following sizes				
2.1	4 x 16/10/6/4 Sq.mm	4	Nos.		
2.2	2C x 10/4 Sq.mm	2	Nos.		
3	Point wiring for light/fan/bell concealed type in min 20 mm PVC conduit with 1.5 sq.mm. (2+1E) FR grade copper wires, moduler type switch, earthing and required accessories				
3.1	Primary Point	34	Pts.		

3.2	Secondary Point	24	Pts.		
4	5/15A Plug Point directly taken from DB for hotplate// zerox / fridge/Large Printer.	32	Pts.		
5	5A Plug Point directly taken from DB for wall fan.	38	Pts.		
6	S & I of point wiring for stabilized power plug points on workstations / table for computers using seperately provided 3C X 2.5 Sqmm Cu. PVC sheathed white color flexible cable pulled through already laid floor raceways and taken upto table top using PVC rigid or flexible conduits run within wooden or metal partitions. Each point consisting of 3 Nos of 2 / 3 Pin sockets and 1 No 15A switch and one 5/6 Amp switch and 6amp socket on top of table, wired together forming one point. Switches and sockets to be (ROMA/MK/Philips/Jaguar). Earth wire to be of Green colour only. (Only 4 tables served by one circuit from DB) [1-8-31,1-8-48,1-8-7,1-8-11] + [1.8.50, 1.8.1, 1.8.10]	24	Pts.		
7	3x 2.5 mm circuit wiring for switchboard.	398	Rmt		
8	3x 1.5 mm circuit wiring for switchboard.	173	Rmt		
9	3x 4mm circuit wiring for switchboard.AC Piont	268	Rmt		
10	S & I of floor - raceways consisting of 1 Nos of 25 mm x 90 mm x 2 mm thick rectangular aluminium anodized box sections including chasing and refilling as per the route shown in the drawing and as approved by consultant at site including clamping at every open pipe ends by suitable plastic/GI end covers against entry of dust or anyother foreign material.-	10	Mtr.		
11	S & I of galvanised floor junction boxes with SS brushed finish 14 SWG (2mm Thick) cover properly fixed with screws, for above mentioned raceways , of size 150 mm x 150 mm x 32 mm depth, fabricated out of 2 mm thick G.I. sheet with proper cutouts on the sides for pipe entry & screwed top cover of GI plate powder caoted with rubber gasket and suitable knockouts for flexible conduit outlets as per the drawing enclosed. - MR	26	Nos.		

12	(i) Dismantling the existing surface conduit wirings / electrification , cables , panels , swtich boards , DB , fans , lights and fixurtes etc (Electrical installations and utilities existed in teh structure) and handing over the same to the Institute (ii)Making trench of suitable size trench for above raceways and junction/conduit along with all labour, blade and kadia charges.- for approx 600 mtr trench. Debris shall be collected and disposal out of premises.- (Contarctor to strictly viist the site make himnself aquinted with the site condition and scope of work)	Job work	Ls		
13	Supply and fixing the following sizes of PVC medium grade ISI marked conduits (IS : 9537 Part-III) complete with accessories such as bends, junction boxes, pull boxes etc., in recess or on surface				
a	25 mm dia 2.0mm thickness	290	Mtr.		
b	20 mm dia 2.0mm wall thickness	183	Mtr.		
c	Chiselling of wall/partition for laying conduits.	35	Mtr		
14	Providing LAN points (Make : Systimax/Polycab/Dlink) for data in existing conduits and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule				
a	SITC of Cat 6 E cable	20	Pts.		
b	RJ-45 for data points (THROUGH RACEWAYS & Walls)-	2	Pts.		
15	Providing Telephone point (Make: D-Link) for voice in existing conduits for voice and providing & terminating with RJ-11 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminate the other end with RJ-11 connector or on a Crone module with numbering of each cable with Ferule				
a	5 pair unarmoured telephone wire	10	Pts.		
b	RJ-11 for Voice (THROUGH RACEWAYS)	10	Nos.		
c	50 pair Krone MDF with krone of 5 nos of 10 pair		Nos.		
d	50 pair telephone PVC cable	5	Mtrs		
16	Providing and erecting bracket fan 400 mm. sweep A. C. 230 volts 50 cycles 1350 R.P.M. Oscillating type, plastic or metal blades chromeplated guard with regulator and moisture proof treatment to winding andwith 'E' class insulation and marking Sr. No. and date of erection.	13	Nos		

17	S & I of lighting fixtures as per the details given below including necessary hardware such as clamps,nuts, bolts, nails, screws and suspension chains as required for fixing the fixtures in position as directed by Engineer in charge.				
a.	13/15W LED - Supplying and erecting LED square / circular 13 to 15 W downlighter having pressure diecastaluminum housing, opal translucent cover, mounting arrangement with board for surface type or spring loaded mounting clips for flush type complete of Philips/Havells/WIPRO.	25	Nos.		
b.	2x2 ft (36 W)LED Light Fitting of Philips/Havells/WIPRO including supplying and fixing for recess mounting on false ceiling with suitable support arrangement.	18	Nos.		
18	Providing supplying and fixing USB charger point	20	pts.		
19	provdng supplying and fixing 2.5x3 mm circuit wiring for USB charger	75	Rmt		
C	SECURITY ALARM / FIRE ALARM SYSTEM WIRING.				
1	Providing and laying Cat 6 cable (Make : Systimax) for data in existing conduits and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 for CCTV	12	Pts.		
2	Supply & Laying of 2 Core 1.5 Sq.mm Armoured cable for Fire Alarm System	15	Pts.		
	Total cost of work				
	Add GST for 18%				
	Total amount Rs.				

Sign and seal of the agency :

Date