



S.N.D.T. Women's University
Sir Vithaldas Thackersey College of Home Science
(Autonomous)



NAAC Re-accredited 'A' Grade
UGC Honor - College with Potential for Excellence

SVT/Tender /2020-21/442

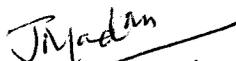
Date: 20th January, 2021

SUBJECT: Quotation for Electrical Safety and Wiring Work under Sir Vithaldas Damodar Thackersey Charitable Trust fund at Sir Vithaldas Thackersey College of Home Science (Autonomous) SNDT Women's University, Sir Vithaldas Vidyavihar Campus, Juhu Tara Road, Santacruz (West), Mumbai.

Madam /Sir,

Sealed quotations are invited for Electrical Safety and Wiring Work under Sir Vithaldas Damodar Thackersey Charitable Trust fund at Sir Vithaldas Thackersey College of Home Science (Autonomous) SNDT Women's University, Sir Vithaldas Vidyavihar Campus, Juhu Tara Road, Santacruz (West), Mumbai. Interested vendors are requested to submit their quote in the format given in Annexure A on company letter head. Quotation should be submitted to The Principal, Sir Vithaldas Thackersey College of Home Science (Autonomous) SNDT Women's University, Sir Vithaldas Vidyavihar Campus, Juhu Tara Road, Santacruz (West), Mumbai on or before 02nd February, 2021 (before 4.00 p.m.)

Sir Vithaldas Thackersey College of Home Science (Autonomous), SNDT Women's University, Santacruz (West), Mumbai reserves the right to reject any or all quotations without assigning any reasons thereof.


Dr. Jagmeet Madan
(Principal)

(Offer should filled on letter head)
Annexure A

To,
The Principal,
Sir Vithaldas Thackersey College of Home Science (Autonomous),
SNDT Women's University,
Juhu, Santacruz (West),
Mumbai - 400 049.

SUBJECT: Quotation for Electrical Safety and Wiring Work under Sir Vithaldas Damodar Thackersey Charitable Trust fund at Sir Vithaldas Thackersey College of Home Science (Autonomous) SNDT Women's University, Sir Vithaldas Vidyavihar Campus, Juhu Tara Road, Santacruz (West), Mumbai.

Respected Sir / Madam,

With reference to subject cited above we would like to furnish our quote with best rate possible as below :

SPECIFICATION OF ELECTRICAL SAFETY & WIRING WORK

SUMMARY

S.No.	Description	Amount (Rs.)
A.	ELECTRICAL PANEL	
B.	CABLE TRAY & TRUNKING	
C.	CABLES	
D.	CABLE TERMINATION	
E.	CONDUIT & ACCESSORIES	
F.	EARTHING	
G.	MISCELLANEOUS WOK	
	GRAND TOTAL	

S.No.	Description	Qty.	Unit	Rate	Amount (Rs.)
A.	ELECTRICAL PANEL				
	Description	Quantity	Unit	Rate	Amount
1.	PANEL: Supply, Installation, Testing & Commissioning of free standing, front operated, fully compartmentalized cubical type, extendable on both sides, Panel Boards suitable for indoor installation & for use on 415Volts 3-phase, 4wire, 50Hz system having (with-stand) fault current carrying capacity as specified on the SLD, housed with incoming breakers, suitable manual interlock arrangement wherever applicable, outgoing feeders, busbar & necessary metering with interconnections, etc. Complete as per schematic drawing, relevant standards & including all accessories as per site conditions to make the system fully operational. All panels having DG back up shall be fitted with AMF sensing with connections back to the Generator panel. Panel shall have IP-54 rating protection & form of panel will be 3B Type 2. Refer SLD for details.				
1.1	Output Mains to 1st floor				
1.1.1	Doctor Room I/C	1.00	No.		
	250Amp SFU 50ka rating - 1nos				
	Mefarg				
	RYB LED lamp -1set				
	DIFM - 1nos				
	100/5A CT - 3nos				
	6A SP MCB - 3nos				
	O/G				
	125Amp 4p MCB 10ka rating - 3nos				

1.1.2	Technical Electrical A/V room	1.00	No.		
	100Amp SFU 10ka rating - 1nos				
	Mefarg				
	RYB LED lamp -1set				
	O/G				
	63Amp 4p MCB 10ka rating - 3nos				
	32Amp SP MCB - 12nos per phase 4nos				
1.1.3	Ladies toilet area I/C	1.00	No.		
	63Amp 4pole RCCB 100ma 10ka rating - 1nos				
	Mefarg				
	RYB LED lamp -1set				
	O/G				
	40Amp 4p MCB - 3nos				
	32Amp SP MCB - 6nos per phase 2nos				
1.1.4	Gents toilet area I/C	1.00	No.		
	63Amp 4pole RCCB 100ma 10ka rating - 1nos				
	Mefarg				
	RYB LED lamp -1set				
	O/G				
	40Amp 4p MCB - 3nos				
	32Amp SP MCB - 6nos per phase 2nos				
1.1.5	40Amp 4pole MCB with MS Enclosure	18.00	No.		
1.1.6	32Amp DP MCB with MS Enclosure	15.00	No.		
2.	Basement Meter Room				
	Switchgears & Isolators: ACB / MCCB / MCB / Busbar Box / Timer / Isolators / ATS with 16G MS powder coated enclosure, necessary busbar / spreader links, rotary handle etc complete. All MCCB up to and including 250A shall be thermal magnetic adjustable and above 630A shall be with microprocessor trip units. Only				

	O/L AND S/C releases to be given. Approval of GA Drawing by Electrical Consultants / Developer is must before fabrication.				
	Supply, Unloading, Handling, Installation, Testing & Commissioning of surface mounted or mounted on iron angle framework, front operated Isolator in 1.6mm thick MS powder coated enclosure, complete as per schematic drawing, relevant standards & including all accessories as per site conditions to make the system fully operational.				
2.1	400Amp 6-way Busbar enclosure	1.00	No.		
2.2	400Amp 50ka rating Cut-out Fuse box	1.00	No.		
3.	CAPACITOR BANK IN BASEMENT METER ROOM: Supply, Unloading, Handling, Installation, Testing & Commissioning of 125 kW Capacitor Bank	1.00	No.		
	SUB TOTAL OF SECTION A				
B.	CABLE TRAY & TRUNKING:				
1.	<u>Perforated type Hot dip GI cable tray:</u> Supply, Unloading, Erecting, Testing & Commissioning of Perforated type Hot dip GI cable tray of 1.6mm thickness of specific dimensions. The cable tray shall be hung from ceiling / fixed to wall with necessary ceiling suspensors, tee, flat sections, nuts, etc. together with tees, bends, etc. including cost for supports as described. The tray shall be earthed. Minimum size (not a limitation) of supports shall be as follows: (a) Up to 300mm tray 2No. 8mm full threaded GI rod with 2No.				

	<p>anchor fastener and "Z/L" angle support at 750mm distance.</p> <p>(b) 450mm to 600mm tray 2No. 10mm full treaded GI rod with 2No. anchor fastener and Hot dip GI "Z/L" angle support at 750mm distance at 750mm distance.</p> <p>(c) 750mm / 1000mm cable tray with fabrication of 50mm x 5mm angle frame with minimum 4 No. anchor fastener at 750mm distance.</p>				
1.1	200mm X 50mm	60.00	Rmt		
2.	<p>Hot dip GI Trunking: Supply, Unloading, Erecting, Testing & Commissioning of Hot dip GI Trunking with cover of 1.6mm thickness of specific dimensions. The Trunking shall be hung from ceiling / fixed to wall with necessary ceiling suspensors, tee, flat sections, nuts, etc. together with tees, bends, etc. including cost for supports as described. The tray shall be earthed.</p> <p>Minimum size (not a limitation) of supports shall be 2No. 8mm full threaded GI rod with 2No. anchor fastener and "Z/L" angle support at 750mm distance.</p>				
2.2	100mm X 50mm	10.00	Rmt		
	SUB TOTAL OF SECTION B				
C.	CABLES				
1.	<p>FRLS Cables: Supply, Laying, testing and commissioning of cables as per IS:694 & IS:5831 on cable trays, structural supports and cable supports provided, include unloading, shifting up to site. The scope includes clamping of cables by readymade G.I. spacers, saddles or clamps</p>				

	fabricated out of MS strip 3mm thick, Treasing and Clamping of Cable on cable tray, supply of all clamping materials and hardware etc., providing cable tags made out of aluminium strip and 75mm x 20mm in size with cable number and size punched on it. Cable tags shall be tied to cables at every 20m interval and at both the ends. Supports provided for clamping of cables up to individual motors and push-buttons shall be included. Empty cable drums shall be returned to stores. In case of laying unlisted cables, rate of cable whose outer Diameter is closest to the cable sizes quoted shall be applicable. The same shall hold good for cable termination also.				
1.1	3.5C X 185Sqmm AL XLPE	18.00	Rmt		
1.2	3.5C X 95Sqmm CU	-	Rmt		
1.3	3.5C X 70Sqmm AL XLPE	100.00	Rmt		
1.4	4C X 35Sqmm CU		Rmt		
1.5	3.5C X 35Sqmm AL XLPE	150.00	Rmt		
1.6	4C X 16Sqmm CU	45.00	Rmt		
1.7	4.0C X 6Sqmm CU	250.00	Rmt		
1.8	4.0C X 4Sqmm CU	125.00	Rmt		
1.9	4.0C X 2.5Sqmm CU	250.00	Rmt		
1.10	3.0C X 2.5Sqmm CU	90.00	Rmt		
	SUB TOTAL OF SECTION C				
D.	CABLE TERMINATION				
1.	Supply & Fixing Double compression Glands (Above & incl. 150Sqmm) / Single compression Glands (till 150Sqmm) Brass glands & making joint with necessary AL./CU. crimping socket (As per Cable MOC) of long neck type connecting the same to various equipment like section pillar, switch, starter, motor, etc. for the following sizes Crimping shall be done with use of Hydraulic Crimping tool only.				

	Cost shall include for stripping of cable insulation, supply and fixing of lugs, armor earthing and hydraulic crimping. Fixing of cable glands with banzel clip connected to earth.				
1.1	3.5C X 185Sqmm AL XLPE	6.00	No.		
1.2	3.5C X 95Sqmm CU		No.		
1.3	3.5C X 70Sqmm AL XLPE	6.00	No.		
1.4	4C X 35Sqmm CU		No.		
1.5	3.5C X 35Sqmm AL XLPE	16.00	No.		
1.6	4C X 16Sqmm CU	4.00	No.		
1.7	4.0C X 6Sqmm CU	8.00	No.		
1.8	4.0C X 4Sqmm CU	12.00	No.		
1.9	4.0C X 2.5Sqmm CU	35.00	No.		
1.10	3.0C X 2.5Sqmm CU				
	SUB TOTAL OF SECTION D				
E.	CONDUITS & ACCESSORIES:				
1.	HMS PVC Conduits: Supply, Unloading, handling at site & fixing of under noted sizes of HMS FR PVC conduits with accessories such as bend, saddles, pull wires / ropes (2mm diameter minimum) and necessary materials, etc. as required for completing the installation on surface or concealed including cutting the walls, refilling chases and making good complete as per technical specifications, drawings & relevant IS standards provided in the technical specifications. Note: Wall cutting chasing refilling to keep the conduit in position and suitably filled by mortar to receive the finishing shall be in Tenderer's scope.				
1.1	25mm Diameter including FAPA	50.00	Rmt		
	SUB TOTAL OF SECTION E				
F.	EARTHING				
1.	Supply, Installation, Testing & commissioning of 25mm X 3mm GI Earthing strip complete as	100.00	Rmt		

	specified.				
2.	Supply, Installation, Testing & commissioning of 14SWG bare laying complete as specified.	100.00	Rmt		
3.	Supply, Installation, Testing & commissioning of 25mm X 3mm Cu Earthing strip complete as specified. 300mm X 300mm Cu plate with salt and charcoal underground 5ft deep & providing final junction for maintain water Earth Pit.	1.00	Set		
	SUB TOTAL OF SECTION F				
G.	MISCELLANEOUS WORKS				
1.	Supply, Installation, Testing and Commissioning of LT Rubber mat (1 Rmt width) as per IS-15652:2006, complying with local authority requirements, etc.	4.00	Rmt		
2.	Temporary connectivity for every panel for back-up supply during shutdown with provision for maximum 6 months	1.00	Set		
	SUB TOTAL OF SECTION G				
	GRAND TOTAL (SECTION A TO G)				

All the terms and conditions given in notifications are studied thoroughly and accepted fully.

Thanking you,

Yours truly,

Name of the Company
Signature of the Proprietor
Date :

- Note : Please enclose
1. Self attested GST number copy ,
 2. Self attested PAN number copy,
 3. Declaration on the company letter head if GST is not applicable.