

REQUEST FOR SUPPORT

100 kVA Transformer & Electricity Supply Project

Dear Students from Ho Chi Minh City, Vietnam,

I, Lama Sonam Tashi, would like to kindly request your support for an important project at our monastery.

At present, Zangdog Palri, the classrooms, kitchen, and hostel all require a stable and reliable electricity supply. To meet this essential need, we are planning to install a transformer for the monastery.

The installation cost is quite high, but this will be a valuable long-term investment that will benefit the monastery and its students for many years to come.

We would be very grateful for any support you may be able to provide toward this important project. Your kindness and generosity will make a meaningful contribution to the future of the monastery.

I am sharing the estimated expenses and photographs for your kind reference and consideration.

PROJECT PURPOSE

To provide a stable and reliable electricity supply for Zangdog Palri, classrooms, kitchen, and hostel facilities.

TOTAL ESTIMATED PROJECT COST

1,305,434.00

Indian Rupees

Estimated Project Expenses

The following photographs show the detailed estimate for the proposed electrical work, including the 11 kV HT line, 100 kVA substation, civil work, and associated charges.

100KVA SUB STATION (45KW)

PANCHAMBA TEMPLE 11KV HT LINE (10 Span)

Sl. No	Particulars	Unit	QTY	Rate	Landed Cost	Amount		
						PART-A	PART-B	PART-C
1	9m x 300 Kg P.S.C. Pole	No.	9	5036.80	45,241.20		45,241.20	
2	RCC base plate	No	9	426.38	3,837.42	3,837.42		
3	11 KV "V" Cross Arm.	No	8	1357.24	10,857.92	10,857.92		
4	Flump (Pole Top bracket)	No	8	402.14	3,217.12	3,217.12		
5	Backclasp for "V" Cross Arm.	No	8	134.05	1,072.40	1,072.40		
6	100x50x6 mm MS channel st cross arm 1.2mtr @ 9.2 kg/mtr (8 Nos)	Kg.	160.08	126.67	20,117.25	20,117.25		
7	Galvanisation of oil RS and MS materials	Kg.	39.30	16.76	658.67	658.67		
8	11KV Disc Insulator (T&C)45KN	No	12	1441.02	17,292.24	17,292.24		
9	11KV Hard Ware fitting (T&C)	No	12	217.83	2,613.96	2,613.96		
10	11KV Pin Insulator (Polymer)	No	30	335.12	10,053.60	10,053.60		
11	H.T. Stay Set (Complete)	Set	4	1769.38	7,037.52	7,037.52		
12	H.T. Stay Insulator	No.	4	83.78	335.12	335.12		
13	Stay Clamp	Pair	4	209.45	837.80	837.80		
14	7/10 SWG G.I stay wire for supporting cable (2wiring)	Kg.	40	126.67	5,026.80	5,026.80		
15	Earthing (Coil Type) for Support	No	9	278.15	2,503.35	2,503.35		
16	No. 8 G.I wire (Dai 4.8mm)	Kg	2.62	125.67	329.26	329.26		
17	SS AAA Conductor	KM	1.35	50268.00	67,861.80	67,861.80		
18	PG clump	No	9	804.29	7,238.61	7,238.61		
19	Fish Plate 50x50mm, 2.3kg/mtr each , 0.280mtr length	Kg	15.86	125.67	1,993.13	1,993.13		
20	12kv 10 kA lightning arrestor.	No	3	5948.38	17,845.14	17,845.14		
21	Danger Plate.	No	9	134.05	1,206.45	1,206.45		
22	Backclasp for Danger Plate 25x3mm flat .0.59kg/mtr of 0.510mtr 1 No	kg	6.018	125.67	756.28	756.28		
23	G.I 2 ply, 2.5mm dia barbed wire for anticlimbing device	kg	30	134.05	4,021.50	4,021.50		
24	Backclasp for barbed wire anticlimbing device 25x3mm flat .0.59kg mtr flat of 0.510mtr length 4 nos/pole	kg.	12.08	125.67	1,518.09	1,518.09		
25	G.I Bolts, Nuts & Washer of assorted size.	Kg.	26	130.70	3,367.50	3,367.50		
26	Black paint	Ltr	2	299.20	598.40	598.40		
27	Yellow colour paint for back ground	Ltr	4	299.20	1,196.80	1,196.80		
28	Sundries (Paint, danger board, clamp connectors, anticlimbing device, binding tape etc.)	L.S.	1	2000.00	2,000.00	2,000.00		
Total Material cost 11 kv LINE						195294.13	45,241.20	

100 KVA S/S dp

Sl. No	Particulars	Unit	QTY	Rate	Landed Cost	Amount		
						PART-A	PART-B	PART-C
1	9mtr long 300 Kg P.S.C. Pole	No.	2	5026.00	10052.00	0.00	10052.00	
2	RCC base plate	No	2	426.38	852.76	852.76		
3	Earthing (Coil Type) for Support	No	2	278.15	556.30	556.30		
4	No. 8 G.I wire (Dai 4.8mm) 0.113kg/mtr. for connecting pole with coil earthing	Kg.	0.52	125.67	65.35	65.35		
5	Top Pressure channel 100x50x6mm 2.8 Mtr. Long - 2 Nos. (9.2 Kg/Mtr.)	Kg.	51.52	126.67	6474.52	6474.52		
6	Transverse Mounting channel 100x50x6mm 2.8 Mtr. Long - 2 Nos. (4.5 Kg/Mtr.) with side angle (total 7mtr long)	Kg.	51.52	126.67	6474.52	6474.52		
7	HG fuse and A.B. Switch mounting channel 75x40x6 - 2.8 Mtr. Long - 4 Nos. (6.8 Kg/Mtr.)	Kg.	76.16	126.67	9571.03	9571.03		
8	Cantilever Angle for supporting A.B. Switch 35x35x6mm Angle (1mtr long , 2 nos) (3.5kg/mtr)	Kg.	12.60	126.67	1709.11	1709.11		
9	Cantilever for supporting H.G Fuse 75x40x6 mm 1mtr , 2 nos (6.8kg/mtr)	Kg.	9	126.67	1131.03	1131.03		
10	Transformer bearing 50x50x6mm G.I angle , 2.8mtr long, 2nos (4.5kg/mtr) with in side angle	Kg.	31.5	126.67	3988.61	3988.61		
11	Angle for mounting LT Distribution box 35x35x5mm 1 Mtr long 2 Nos. 3.5 Kg/Mtr.	Kg.	9	126.67	1131.03	1131.03		
12	AB switch Support Channel 100 x 50x 6mm ,each 0.35 kg mtr 2 nos	Kg.	6.44	126.67	809.31	809.31		
13	Channel support for down pipe 70x40x6mm 6.8kg/mtr each channel	Kg.	5.44	126.67	683.64	683.64		
14	11KV Disc Insulator (T&C)45KN	No	3	1441.02	4323.06	4,323.06		
15	11KV Hard Ware fitting (T&C)	No	3	217.82	653.46	653.46		
16	11 KV A.B. Switch 3 Pole (400A)	Set	1	14000.00	14000.00	14000.00		
17	11 KV H.G. Fuse 3 pole (400A)	Set	1	12000.00	12000.00	12000.00		
18	9KV 10KA 11KV Light Arrester	No	3	1642.09	4926.27	4926.27		
19	HT Stay Set complete	No	2	1769.38	3518.76	3518.76		

Total Material cost B		187659.13	10052.00	200000.00
Material cost 11 KV HT Line & 100KV S/S		382953.26	55293.20	260000.00
Add: stock,storage & insurance @ 3% of A		11488.60	1658.796	6000.00
Sub-Total B		394,441.86	56,952.00	206,000.00
T&P @2% of B		7888.84	1139.04	4120.00
Contingency@ 3% of B		11833.26	1708.56	6180.00
Transportation@ 7.5%		29583.14	4271.40	15450.00
Erection@10% of Part A, 20% of Part-B & 5% Part C		39444.19	11390.40	10300.00
Sub-Total C		483191.27	75,461.39	242050.00
Total Electrical Work Rs:				800,702.67

Total Work Cost Excluding GST Amount Rs:		1,016,728.63
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All Electrical & Civil Work Excluding GST Amount Rs		10,16,730.00	All deposit Amount Deposit by party
1	Processing Fee	200.00	
2	6% Supervision Appx. Amount	61004.00	
3	Security deposit (45 kw) Appx. Amount	157500.00	
4	Service Connection. Appx. Amount	40000.00	
5	HT/MV Electrical Govt. challan. Appx. Amount	30000.00	
		1305434.00	