

ANNEXURE FOR ITEM 2 OF BOQ

ERECTION AND COMMISSIONING OF DG SET

The Diesel engine generator set shall be placed on the foundation as per the standard procedure and necessary supports shall be provided.

The items for the Erection and Commissioning of the DG are given in the schedule below and same shall be included in the quote. Scope also includes disconnecting the existing cables from LT panels for connecting the cables for new DG, AMF panels etc.

Sl. No	Description	Qty	Unit
1	<u>LAYING OF CABLES</u>		
	Supply, Laying, testing and commissioning of the following PVC insulated Armoured Aluminium L.T. cables (AYFY) .(For connecting the cables from new DG/AMF to the existing LT panel)		
a	3.5CX185 sqmm AYFY	50	mtr
b	6CX1.5 sqmm Copper Ar. Cable	25	mtr
2	<u>LT CABLE TERMINATION</u>		
a	3.5CX185 sqmm AYFY	4	Nos
b	6CX1.5 sqmm Copper Ar.Cable	2	Nos
3	Charges for installation of AMF Panel Board in the existing MV room or nearby location including supply and fabrication for suitable MS Angle frame with Black enamel paint	1	No.
4	<u>EARTHING CONDUCTORS</u> Supply and laying earthing conductors of 25x3mm copper strip including insulation and necessary accessories, clamping to walls, cables etc.	40	mtr
5	Providing plate earth stations using 600x600x5mm cast iron plate, 38mm GI pipe including all materials related plate earth stations, excavation of soil, refilling and fixing 300x300mm light duty manhole cover etc.	3	Nos
6	Providing MS Exhaust pipe using 100mm dia. With proper ms angle supports, finished with heat resistant type aluminium paint	12	mtr
7	Providing rubber sheet with suitable size under the DG set housing/ enclosure.	LS	LS
8	Miscellaneous items complete for Erection and commissioning of the DG sets which is not specified above	LS	LS

The approximate dimension details of the foundation and fencing are giving in the drawing attached. The foundation and roofing shall be done nearer to the North End Substation area located at CoPT administrative buildings in Willingdon Island. Scope included supply of all items and erection.