

A - 1 : Bill of Material for New 11 KV Sub Station

Sl. No.	Item Description	Unit	Rate (In Rs.)	No. of S/s Quoting for	Value (in Rs.)
(1)	(2)	(3)	(4)	(5)	(6)=(4)x(5)
1	Installation, testing and commissioning of 11/0.4 KV Transformer on PCC Double Pole structures, along with installation of PSC Pole including concreting, installation of Distribution Box with cable arrangement from Distribution transformer to Distribution Box, Insulators & fittings, Installation of all required supporting structures (Channel & Angle) for Transformer, HG Fuse, AB Switch, Dist. Box, Insulators, Cable support etc., Installation of PG connectors, Danger plate, Sign Board, Anti climbing device (barbed wire), Earthing arrangement with 4 no.s Earth Electrodes with chamber, Earthing Flats connection to earth electrode and Lighting Arrestor, Fasteners with washers, All clamps and required hardware & all other sundry items complete as per REC Standard TS. The scope also includes termination of 11 KV line and installation of all clamps, connectors, lugs / sockets, binding wire, and providing insulating tape and any other consumables as per relevant standard to complete the work in all respect including supply and painting of s/s structures with two coats of red oxide and two coats of approved make aluminium				
a	25 KVA Transformer	No.s			
b	63 KVA Transformer	No.s			
c	100 KVA Transformer	No.s			
2	Installation of Stay Sets, Stay Wire, Stay Insulator complete including Concreting as per TS	Sets			
3	In addition the bidder is required to quote the unit rate for intallation of the following items :				
i	9 Mtr x 300 Kg PSC Pole with Base Plate	No.s			
ii	HT Stay Set Complete	No.s			
iii	Insulator				
iv	Disk Insulator with Hard Ware	No.s			
v	Pin Insulator with GI Pin	No.s			
vi	V Cross Arm & Pole Top Bracket (F Clamp)	No.s			
vii	Straight Cross Arm (75x40x6 mm Channel)	Set			
viii	Danger Board	No.			
ix	Anti Climbing Device (Barbed wire)	Kg.			
x	GI Wire for Guarding at Road Crossing	Mtr			

Note : For computation of Bid Security, the unit rates quoted for items under srl. no. 3 (i to x) need not be considered.