

BILL OF QUANTITY CUM PRICE SCHEDULE**Name of Project****: 220 KV Substation at Rayalseema****Name of Work****: Civil works of 220kV Transmission Lines.**

S.No.	Description of Item	Quantity	Unit	Unit Rate(Rs)	Amount(Rs)
1	Earthwork in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth 1.5m in width as well as 10sqm on plan) including dewatering as necessary of rain water/subsoil seepage water and disposal of excavated earth upto 100m and lift upto 3.5m, disposed earth to be levelled and neatly dressed.				
(a)	All kinds of soil.	3400	cum	129.35	439790.00
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc., in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead upto 100m and lift upto 3.5m.	2900	cum	83.80	243020.00
3	Carriage & disposal of surplus excavated earth/rock beyond initial lead by mechanical means not necessarily all the times on pucca roads, including loading, unloading, dressing of excavated material, etc., complete as per specifications -.				
(a)	Lead upto 1 km.	500	cum	82.78	41390.00
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level.				
(a)	M10(1:3:6 nominal mix).	85	cum	3593.30	305430.50
5	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for RCC structural elements including roads excluding the cost of centering, shuttering, finishing and reinforcement including admixtures in recommended proportions (as per IS 9103) to accelerate, retrard setting of concrete, improve workability without impairing strength and durability. - M25 grade reinforced cement concrete by using minimum 330kg of cement per cum of concrete.				
(a)	All works upto plinth level	415	cum	5242.15	2175492.25

6	Centering and shuttering including strutting, propping, etc., and removal of form for:				
(a)	Foundations, footings, bases of columns, etc., for mass concrete.	250	sqm	166.90	41725.00
(b)	Columns, Pillars, Piers, Posts and Struts .	130	sqm	365.60	47528.00
7	Steel reinforcement -Cold twisted bars /TMT- Fe 500 (To be procured from SAIL,TISCO,IISCO, JINDAL STEEL and RINL only)				
(a)	Including supply, straightening, cutting and bending, binding (i/c cost of binding wire), placing in position, etc., all labour & material, complete.	40000	kg	62.25	2490000.00
8	Fixing of stub angles in position with necessary arrangements as per drawing and directions of Engr-in-Charge including template fixing,alignment and removal of template including all T&P, labour etc.(Templates shall be provided by BHEL free of cost. Weight of stub only shall be measured for payment of this item.)	3300	kg	26.93	88869.00
9	6 mm plaster of mix: 1:3 (1 cement:3 fine sand)	7	sqm	101.00	707.00
10	Neat cement punning.	7	sqm	31.10	217.70
					5874169.45

NOTES:

- 1 The approximate lengths of 220kV Transmission lines is 0.73 KM. Locations of tower foundations shall be as per line layout.
- 2 Bidders are advised to visit the site before submitting the offer.

**TRANSMISSION BUSINESS GROUP
(SUB- CONTRACTS MANAGEMENT)
TBG - NOIDA**

**PRICE SCHEDULE FORMAT
(ANNEXURE-A)**

**SUB: EXECUTION AND HANDING OVER OF CIVIL WORKS OF 220KV
TRANSMISSION LINE AT RAYALSEEMA IN ANDHRA PRADESH**

- (a) I/ We hereby agree to execute the civil work (Annexure-II) at ----- % (in figure) --
-----percentage (in words) Above / Below the rates of items given in
BOQ for civil works (Annexure-II) of subject tender.

NOTE:

1. In case of discrepancy in rates in figure and words, the minimum will be taken into account by BHEL.

Date:
Place

Signature of tenderer
Name & Designation of authorized person(s) with seal