

BILL OF QUANTITY

Name of Project

: 400kV Substation Extension at Agra.

Name of Work

: Civil Works of Yard

Item No.	Description of Item	Unit	Quantity	Unit Rate (Rs)	Amount (Rs)
1	Excavation in all types of soil and rock including backfilling disposal etc. for all leads and lifts	cum	3100.00		
2	Providing and laying of Plain Cement Concrete (1:4:8) including shuttering, as necessary.	cum	65.00		
3	Providing and laying of Plain Cement Concrete (1:2:4) including shuttering, as necessary.	cum	7.00		
4	Providing and laying of Reinforced Cement Concrete (1:1:5:3 nominal mix) including precast, shuttering, grouting of pockets & underpinning, etc., but excluding reinforcement.	cum	440.00		
5	Steel reinforcement				
(a)	Including supply and bending, binding (i/c cost of binding wire), placing in position, etc., all labour & material, complete.	MT	3.00		
(b)	Excluding supply but including bending, binding (i/c cost of binding wire), placing in position, etc., all labour & material, complete. (See Note No:3)	MT	19.50		
6	Miscellaneous structural steel including rails, embedments, edge protection angles, gratings etc. but excluding the reinforcement steel and steel for lattice and pipe structures.	MT	2.30		
7	Supplying & laying hume pipe of grade (NP-3).				
	250mm dia	RM	20.00		
8	Fixing (all dia & length) foundation bolts in position with help of proper templates including nuts and washers all complete as per drawings & directions of Engr-in-Charge. (See Note No: 4)	MT	5.00		

Item No.	Description of Item	Unit	Quantity	Unit Rate (Rs)	Amount (Rs)
9	Open Store	Sqm	600.00		
10	Covered store cum office as per drawing Type "B": 15X10X4.5m (150sqm)	Lot	1		
	TOTAL AMOUNT (RS.)				
	Note:				
1	<i>The rates shall be deemed to be inclusive of cost against all activities covered in specification & drawings against that item.</i>				
2	<i>PGCIL drawings provided may not be totally exhaustive. Any minor details required as per site requirement or for the sake of system completion shall be issued by PGCIL during construction stage. The rates shall be deemed to be inclusive of such contingencies.</i>				
3	<i>Reinforcement steel shall be supplied by BHEL <u>free of cost</u> as per norms indicated in conditions of contract. The rate quoted against Item No: 5(b) above shall be deemed to be inclusive of cost against all activities required including transportation of material from nearest SAIL stockyard.</i>				
4	<i>Foundation bolts shall be supplied by BHEL <u>free of cost</u> at site. Fixing shall be paid under Item No: 8</i>				