

BILL OF QUANTITY-CUM-PRICE SCHEDULE

Name of Project : 400/220KV GIS AT NORTH CHENNAI.
Name of Work : PILING WORKS OF SWITCHYARD & BUILDINGS.

S.No.	Description of Item	Quantity	Unit	Unit Rate (Rs)	Amount (Rs)
1	Steel reinforcement -Cold twisted bars /TMT/HCR				
(a)	Including supply and bending, binding (i/c cost of binding wire), placing in position, etc., all labour & material, complete.	2000	kg	42.70	85400.00
(b)	Excluding supply but including bending, binding (i/c cost of binding wire), placing in position, etc., all labour & material, complete. (See Note No:1)	340000	kg	6.50	2210000.00
2	Boring, providing and installing bored cast-in-situ reinforced cement concrete pile of specified diameter and length below the pile cap M25 in cement concrete, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with, bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of pile to be embedded in the pile cap etc. all complete, including removal of excavated earth with all lifts and leads (Length of pile for payment shall be measured upto bottom of pile cap)(Rotary type piling rigs shall be used.)				
(a)	450mm dia piles	1330	meter	1690.34	2248152.20
(b)	500mm dia piles	150	meter	1986.43	297964.50
(c)	600mm dia piles	10440	meter	2531.85	26432514.00
3	Vertical load testing of pile in accordance with IS 2911 (Part IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge.				
	Single pile upto150 tonne capacity				
	Initial test	4	per test	30000.00	120000.00
	Routine test	4	per test	15000.00	60000.00
4	Lateral load testing of single pile in accordance with IS Code of practice IS:2911 (Part IV) for determining safe lateral load on pile:				
	Upto 150 tonne capacity pile.	4	per test	15000.00	60000.00

NOTE

- 1** Reinforcement steel shall be supplied by BHEL free of cost as per norms indicated in conditions of contract. The rate quoted against Item No: 1(b) above shall be deemed to be inclusive of cost against all activities required including transportation of material from SAIL stockyard.