

Municipal Corporation Durg

NIT

Name of Work : Drilling Of 125 MM Dia. Tubewell with handpumpfitting at various wards

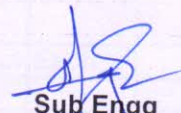
The Estimate is Prepared as per S.O.R.of P.H.E. With Effect From 07-02-2013 Raipur(C.G.)

		90.0 M Deep Tubewell				
S.No.	Particulars	No.	Qty	Unit	Rate	Amount
(A) Labour Charges						
	Carrying Out the resistivity survey by VES method using Schlumberger configuration for locating the proper spotand reading..					
		1	1.00	Point		
				(Success)		
	Drilling of perfectly Vertical Bore hole of a diameter suitable to receive 150 mm nominal dia casing pipe up to desired depth below ground level i/e providing ,lowering & fixing of 150 mm nominal dia I.S.I. Marked G.I. casing pipe medium class inside the bore hole i/e all work partianing to drilling ,installation and removal of drilling machine etc. complete.					
1						
	A. In all types of collapsible strata consisting of soil ,clay,sand,moorum,gravel, boulder etc.					
		1	20.00	Meter		
	B. In all types of Rock					
		1	12.00	Meter		
	Drilling of perfectly bore hole of 150mm diameter up to a desireded depth below ground level in all types of rock i/e all works partianing to drilling such as transportation,installation and removal of drilling machine etc. complete.					
2						
		1	63.00	Meter		
	Measurement of Yeild of Tubewell By opereting hand pump contously for four Hours					
3						
		1	1	Each		
	Labour Charges for installation of india mark- 2 hand pump with 30 m long 32 mm dia riser pipe assembly and all other accessories i/e transportation of hand pump from specified departmental stores to site. USOR Const.n of T.W. pg-10,item-1					
4						
		1	1	Each		
	Construction of 76 cmx 76 cmx 40 cm foundation block in 1:2:4 c.c. for fixing the pedestsl of hand pump i/e excavation, cost of material& labour complete. USOR constn ofT.W. pg-13,item-3.					
5						

		1	1	Each		
6	Construction of Cement Concrete platform as per design around Hand Pump in 1:2:4 c.c. i/e shuttering excavation, cost of material & labour & curing complete. USOR constn of T.W. pg-13, item-4.					
		1	1	Each		
7	Construction of Cement Concrete Drain as per UNICEF design in 1:2:4 c.c. i/e shuttering excavation, cost of material & labour & curing complete. USOR constn of T.W. pg-14, item-6.					
		3	3.00	Mtr		
8	Construction of soakage pit of 70cm dia & 1.0m deep i/e excavation, Brick lining at top in 1:4 c.m. filling of boulders broken brick etc. cost of material & labour & curing complete. USOR constn of T.W. pg-14, item-10.					
		1	1.00	Each		
Total						
(B) Supply of Materials						
	Supplying ISI Mark G.I. Casing Pipe (plain) Medium class. USOR constn of T.W. pg-14, item-10. in 4 to 7 mtr. length one & fitted with socket as per IS 1239 (part-2) 1992 with 4th revision (up to date ammendment) 150mm dia.					
		1	20.00	Mtr		
	Supplying ISI Mark -2 (plain) Indian Mark -2 Deep Well hand pump complete with 10 nos M.S. Connecting Rods (12mm x 3m long) Telescopic Stand Assembly.					
		1	1.00	No.		
	Supplying ISI Mark 32 mm Dia G.I. Riser Pipe in 3.0M length f socketed on one end as per IS 1239 (part-1) 1990 with 4th revision up to ammendment & socket as per IS 2062/1990 up to date ammendment. USOR Annexure-1 item no-5					
		1	50.00	Mtr		

Executive Engg.
Nagar Palik Nigam Durg

Asst Engg
Nagar Palik Nigam Durg.


Sub Engg
Nagar Palik Nigam Durg