

Indian Institute of Management Indore

Tender Form

Bill of Quantity for Construction of Bore well and Water Distribution System at IIM Indore

Sr. No.	Description of Item	Qty	Unit	Rate (Rs)		Amount (Rs)
				In figure	In words	
1	Carrying out the resistivity survey by Per VES method using Schlumberger successful configuration for locating the proper point of spot with three soundings for drilling of tube well within the selected habitation, including photography, interpretation of resistivity readings necessary graph and photographs.	2	nos			
2	Drilling of perfectly vertical bore hole of a diameter suitable to receive 200mm nominal diameter casing pipe up to desired depth below ground level inclusive of the labour charges for transporting, lowering and fixing of 200 mm nominal diameter P.V.C. casing pipe inside the bore hole including all pertaining to drilling such as transportation, installation and removal of drilling machine etc. complete.					
2a	in all type of colloapsible strata consisting of soils, clays, sand moorum, gravel, boulders. Etc.	25	Rmt			
3	Drilling of perfectly vertical bore hole of 150 mm diameter up to desired depth below ground level including all works pertaining to drilling such as transportation, installation and removal of drilling machine etc. complete.					
3a	in all types of rocks	240	Rmt			
4	Providing and fixing of well cap on top of the tube well for protection M.S. Caps 200 mm dia.	2	nos			
5	Construction of concrete block over dry tube wells for protection of size 0.45mX0.45m x0.45 m. in M-15 cement concrete mix	2	nos			

Signature of Bidder

Name of Agency

Sr. No.	Description of Item	Qty	Unit	Rate (Rs)		Amount (Rs)
				In figure	In words	
6	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer in charge. 200 mm nominal size dia	25	Rmt			
7	Extra for slotted or perforated PVC casing pipe 200 mm dia .Horizontal 4 nos @ 300mm/c vertical distance Including all transportation and labour all	16	Rmt			
8	Labour charges for installation of submersible pumping sets up to any depth temporarily in the tubewell for a maximum of eight hours for the purpose of conducting yield test of tubewell. (Any one of the below depending on the approximate yield observed during drilling operations.)					
	Submersible pumping set above 2.2 kW to 7.5 kW	2	each			
9	Supply of fixing of patta clamp suitable for 50 mm GI pipe made of MS flat 75 X 8 mm - 1 m long.	2	nos			
10	Providing and fixing jindal/ Tata or approved make 50 mm G.I. pipes with complete G.I. fittings (i.e. G.I. Socket, bend, tee, flange etc.) for 50 mm dia pipe for bore well (B class)	250	Rmt			
11	Providing and fixing gun metal non-return valve of approved quality (screwed end) 50 mm nominal bore for horizontal work	2	nos			
12	Providing and fixing gun metal non-return valve of approved quality (screwed end) 25 mm nominal bore	2	nos			
13	Providing and fixing gun metal pressure relief valve of approved quality 50 mm nominal bore	2	nos			
14	Providing and fixing gun metal pressure relief valve of approved quality 25 mm nominal bore	2	nos			
	Electrical Item					

Signature of Bidder

Sr. No.	Description of Item	Qty	Unit	Rate (Rs)		Amount (Rs)
				In figure	In words	
1	Supply of 15 HP, 12 stage three phase submersible pump motor set suitable for 150 mm dia bore well. (Type 125HH1512 of Kirloskar make or equivalent in approved make list)	2	set			
2	Installation, testing,commissioning of submersible pump set along with GI Pipe in existing bore well. (GI pipe to be paid eparately)	2	Job			
3	Supplying, laying, Connecting, making end terminations of 4CX35 Sq.mm. size 1100 volts grade armoured XLPE/PVC insulated PVC sheathed Aluminium conductor cable as per IS 1554 complete in wall & ground at suitable depth including excavation ,sand cushioning,protective covering and refilling etc complete as required (Make Finolex/Polycab/ RR Kable)	500	metre			
4	Supplying ,installation ,connecting and testing PVC insulated, PVC sheathed flat submersible of size 2 runs 3C x 6 sq mm copper conductor cable suitable for above pump, providing suitable PVC cable tie in the bore & up to pump panel as required.(Make Finolex/Polycab/ RR Kable)	300	metre			
5	SITC of control panel consisting of suitable Star Delta starter of make L&T/BCH including 32A TP MPCB, digital VM,AM,Single Phasing Preventor, Capacitor,overload relay with indicator lamps in MS Sheet box enclosure with hinged doors & locking arrangements complete with grouting on fabricated iron legs and required size of RCC foundation.(Make L&T/BCH)	2	Each			
6	Providing earth pit with 40mm dia ISI GI pipe (B class) of outer dia 3 Meter long with GI strips size of 25 mm x3 mm with mineral filling compound and earthing chamber of 450 mmx450 mm size with CI cover also providing,laying,connecting of GI Strips size of 25 mm x 5mm up to 5meter length from earth pits to starter panel. (Model No. 46/6 or equivalent)(Make UES Brand/fast electrode/seema electrode)	4	Each			
Total Amount in Rupees.						

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