

MUNICIPAL CORPORATION BHILAI (C.G.)

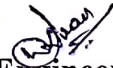
NIT

1758
कार्य
Name of work :- वार्ड-64, सेक्टर-10, सडक-33ए में एक नग बोर खनन

ELEC SOR 2020 & Building SOR 01.01.2015

| no. | Description and details of work | Qty. | Unit |
|-----|--|-------|------|
| 1 | Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by itable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level.All types of soil 150MM DIA | 18.00 | Rmt |
| 2 | Rocky strata including Boulder 150MM DIA | 76.00 | |
| 3 | Supplying, assembling, lowering and fixing in vertical position in bore well, ISI marked G.I. casing pipe (Plain) medium class in 4 to 7 meters length one end fitted with socket as per IS: 1239 (Part-1&Part-2) 1992 with IVth revision (Up-to-date amendments), of reputed & approved make, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer- in-charge. 150mm nominal size dia | 19.00 | Rmt |
| 4 | Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for bore well of: 150mm nominal size dia | 1.00 | each |
| 5 | Providing ISI Mark 32 mm dia G.I. (B class) riser pipe and M. plunger rod in 3 meter length socketed on one end as per IS: 1239 (Part I) 1990 with up to date amendments and socket as per IS: 2062/1990 up to date amendment | 21.00 | Rmt |
| 6 | Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.(In all types of soils.) | 2.5 | cum |
| 7 | Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. | 0.1 | cum |
| 8 | 12.3 Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement. 12.3.1 40 mm thick | 1.00 | sqm |
| 9 | Supplying, installation, testing and commissioning of submersible pump set for water supply system with submersible motor directly coupled to multi-stage submersible pump of specified discharge capacity, head, delivery size in existing bore well including 2 sets of suitable size holding clamps made out of 50 mm X 6 mm MS flat, connection with suitable submersible cable of standard length etc. as per specification and IS: 694 (2010). Note: submersible Cable should be rust proof, safe from oil / Grease and under water Chemical / abrasion Resistant. 1.5 HP, single phase | 1.00 | Each |

| | | | |
|----|--|-------|-------|
| 10 | Supply, installation, testing and commissioning of 1-3 HP 1 phase submersible motor starter cum control wall/ floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection inter-connection etc. as required. a) Phase indicating lamps with fuses and toggle switches 1 set b) 1/2/3 HP 1 phase DOL starter with over load and no volt relay 1 No c) 25 A "C" curve DPMCB 1 No d) Voltmeter 0-250 V 1 set e) Ammeter 0-10 A 1 set | 1.00 | Each |
| 11 | Supplying and laying following sizes one number FRLS PVC insulated/XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade direct in ground at a depth not less than 40 cm and upto 90 cm including excavation, sand cushioning, protective covering and refilling the trench etc as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1). 2 x 4 sq. mm | 30.00 | Metre |
| 12 | Supplying, laying and fixing following size submersible cable along with GI/PVC/HDFC pipe line or laid in ground etc as per specification and IS: 694 (2010). Note: Cable should be rust proof, safe from oil / Grease and under water Chemical / abrasion Resistant | 70.00 | Metre |


Asstt. Engineer
Municipal Corporation
Bhilai(C.G.)


Sub Engineer
Municipal Corporation
Bhilai(C.G.)