

MUNICIPAL CORPORATION OF BHILAI

NIT

कार्य का नाम :- वार्ड क्र. 64 सेक्टर 10 गिलाई क्लब के पीछे बस्ती के पास स्वच्छ पेयजल प्रदाय हेतु पाईप लाईन का विस्तारीकरण कार्य।

AS PER PWD BUILDING S.O.R 01.01.2015 and Electrical SOR 2020 & Non Sor Item

S.N.	PARTICULERS OF ITEMS	Qty	UOM
1	Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including excavation of trenches, refilling the same and testing of joints complete 25 mm dia. nominal bore	30	Mtr
2	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	each
3	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 interconnection 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	1	Each
4	Supplying, laying and fixing following size submersible cable along with GI/PVC/HDPE 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. 3x2.5 sqmM	55	MT
5	10% FOR ELECTRICITY		
	NON SOR ITEM		
1	Providing and fixing Water Treatment plant based on Reverse Osmosis Technology Design to produce product water at the flow rate of 250,500,1000. The Proposed water treatment based on RO Technology can even Work continuously for 10-15½ Hrs. per day. TREATMENT SCHEME : A. RAW WATER PUMP B. MEDIA FILTER UNIT C. SPECIAL ANTI-SCALENT DOSING SYSTEM D. MICRON CARTRIDGER FILTER E. HIGH PRESSURE PUMP F. R O MODULES G. MEMNRANE CLEANING SYSTEM H. SV WITH FLUSHING SYSTEM I. PROFILE SHEET STRUCTURE FOR RO SYSTEM (SIZE 2.00 x 2.00 Mtr.) J. Maintenance for 1 Year CLIENT TO PROVIDE : a. Control Supply : 250 Volts (1 Phase, 50 Hz for all Instructios) b. Power supply : 440±10 Volts, Three phase 50Hz for high-pressure pump. c. Labour : As and when required. including 1 year Maintainence about 20% of total amount	1	No.
2	Providing ISI Mark 32 mm dia Black H.D.P.E Roll Pipe with Bottom and Top Socket Assembly Fiting all Complete	90	meter

सहायक अभियन्ता
नगर पालिक निगम, गिलाई

उप अभियन्ता
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