

Estimate of plumbing & soil line etc. at R.P.M. College under Uttara para.-Kotrung Municipality

SI No	Description of items	Quantity	Unit	Rate	Amount
1	Supplying, fitting and fixing PVC pipes of approved makeof (medium duty) conforming to ASTM D - 1785 and threaded to match with GI per IS : 1239 (Part - I). with all necessary accessories, specials socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials two coats of painting with approved paint in any position above ground. made Payment will be made on the centre line measurements of made seperately) total line including all specials. No separate payment will be accesories, specials. Payment for painting will be				
	a) For Exposed Work PVC Pipes				
	100 mm (Dia)	100.00	Mt.	1134.00	113400.00
	80 mm (Dia)	100.00	Mt.	768.00	76800.00
	50 mm (Dia)	20.00	Mt.	384.00	7680.00
	40 mm (Dia)	50.00	Mt.	292.00	14600.00
	25 mm (Dia)	60.00	Mt.	177.00	10620.00
	20 mm (Dia)	200.00	Mt.	129.00	25800.00

Cost of Works	248900.00
Add GST=12%	29868.00
Cost of works excluding labour welfare cess	278768.00
Labour welfare cess @1%	2787.68
Cost of works including labour welfare cess	281555.68
Contingency Charge @ 3%	8363.04
Grand Total	289918.72
Say Rs.	289919.00

Say Rs :- (Two Lac Eighty-nine thousand nine hundred nineteen only)

L.B.S.
Uttara para - Kotrung
Municipality

Principal
R.P.M. college

DEBATITHI CHATTERJEE
D.C.E.
ENLISTED L.B.S. OF U.K.M.
REGD. DE / 057 / 200 - 200

Estimate of Boring with sub marsable pump etc. at R.P.M. College
under Uttaarpara.-Kotrung Municipality

TUBE WELL WITH SUB-MARSABLE PUMP

- 1 Labour for boring tube well of required dia. by water jet system throughany type of soil strata including hire and labour charges for boring pipes,scaffolding, tools and plants as necessary and taking out them and lowering pipes, strainers, blind pipe etc. and fitting and fixing the same complete including bucket washing and other incidental works in the connection. The tube well should have a minimum 50 mm gap in between the outside of the tubewell pipe and the bore.
(d) For depth upto 150 metre for 50 mm dia. tube well with top enlargement of 100 mm dia.
- | | | | | |
|--|-------|----|--------|----------|
| (i) 50 mm dia. boring etc | 70.00 | Mt | 287.00 | 20090.00 |
| (ii) 100 mm dia. boring etc. top enlargement | 30.00 | Mt | 426.00 | 12780.00 |
- 2 Supplying, fitting and fixing in position G.I.pipes of TATA make for underground works with all necessary accessories,specials viz.socket, bend, tee, union, cross, elbow, nipple, short piece etc.including cost of all materials,jointing materials ,cutting pipes,making threads, cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed with two coats of painting on G.I. pipes and specials with bituminous paint specials complete in all respect. (Payment will be made on the specials.Payment forcentre line measurement seperately) of the total pipe line including all No separate payment will be made for accessories, painting will be made
- | | | | | |
|---------------------------------|------|-----|---------|---------|
| (ix) 100 mm dia. medium quality | 1.00 | Mt. | 1179.00 | 1179.00 |
|---------------------------------|------|-----|---------|---------|
- 3 Supplying, fitting and fixing PVC pipes for underground work of approved make (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted including cost of all materials ,jointing materials, cutting pipes, making threads ,cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed complete in all respect. (Payment will be made on the centre line measurement of the total pipe line includingall specials No separate payment will be made for accessories, specials.)
- | | | | | |
|---------------------------------|-------|-----|---------|----------|
| (ix) 100 mm dia. medium quality | 30.00 | Mt. | 1162.00 | 34860.00 |
| (ix) 50 mm dia. medium quality | 70.00 | Mt. | 403.00 | 28210.00 |

4	Supplying high density polythene strainer of approved make with adapter conforming to I.S. specifications (ii) 50 mm dia.	10.00	Mt	532.00	5320.00
5	Supplying, fitting and fixing steel cutter piece upto 450 mm long with sockets (ii) 50 mm dia.	1.00	Each	189.00	189.00
6	Supplying, fitting and fixing heavy type bell mouth reducing socket (i) 50 mm X 100 mm	1.00	Each	455.00	455.00
7	Packing the annular space between the outside of the tube well pipes & strainers and the bore with pea size washed gravel of approved quality having size from 2 mm to 5 mm or the size approved by the Engineer-incharge including cost of all materials labour and equipment cor	1.00	Cum	2050.00	2050.00
8	Supplying, fitting and fixing plug of approved make conforming to I.S. specifications (ii) 50 mm	1.00	Each	71.00	71.00
9	Suppling fitting fixing G.I. well cover	1.00	Each	415.00	415.00
10	Washing and developing tube well with air compressor pump and engine for 8 (eight) hours continuous pumping per day with necessary arrangements for testing the yield in gallons per hour with 'V' notch including hire and labour charges for all tools and plants and scaffolding as required	1.00	Day	7538.00	7538.00

Sub-Mersible --Pump

- 11 Suppling fitting & fixing & lowring tube pump set & delevary out let fixed in spring loaded non-return valve of delivery 3.00 cum per hour approx, water aginest a total lead 40.0mt. Of all charges directly with the sub mersible side motor 2.00 Hp .220 volt. 50 cycle 1.1Kw. with controle pannel bord & 40.0mm cable complet. (C.R.I. or Killoskar) brand L.S. 1.00 Each 22000.00 22000.00
- 12 Supplying, fitting and fixing pillar cock of approved make. a) (i) CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 & Model -Tropical / Sumthing Special of ESSCO or similar brand). 5.0 Each 713.00 3565.00
- 13 Supplying, fitting and fixing bib cock or stop cock. (d) (i) Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 & Model - Florentine of Jaquar or similar brand). 4.0 Each 815.00 3260.00

Cost for Works	141982.00
Add GST=12%	17037.84
Cost of works excluding labour welfare cess	159019.84
Labour welfare cess @1%	1590.20
Cost of works including labour welfare cess	160610.04
Contingency Charge @ 3%	4770.60
Grand Total	165380.63
Say Rs.	165381.00

Say Rs :- (One Lac Sixty-five thousand Three hundred Eighty-one only)



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