

Name of Work : Constructing Compound Wall, Bore Well, Shed and Providing Solar LED lights and Seating Arrangement for Smashan Gruh in Vadadala Village, Tal. Bharuch, Dist. Bharuch.

BILL OF QUANTITIES

Memorandum showing item of works to be carried out.

It. No.	Item of Work	Qty.	Unit	Rate in Figures	Total Amount
1	2	3	4	5	6
1	Boring of holes 3.00mt deep in ordinary soil (for cast in situ piles) and getting out of the soil and disposal of the surplus excavated soil as directed with in lead of 50mt for following diameter of piles 250mm dia.	61.00	No.	1270.11	77476.71
2	Providing & laying Cement Concrete 1:2:4 (1 cement, 2 course sand, 4 graded stone, aggrigate, 20mm nominal size.) & curing complate excluding the cost of formwork in (a) foundation & plinth for piles.	13.00	Cum	3481.28	45256.64
3	Providing & laying Cement Concrete 1:2:4 (1 cement, 2 course sand, 4 graded stone, aggrigate, 20mm nominal size.) & curing etc complate & including the cost of from work but excluding the cost of reinforcement for R.C.C. work in (A) Beams = having cross sectional area 0.05 to 0.08 Sqm.	10.60	Cum	8593.80	91094.28
4	Providing & laying Cement Concrete 1:2:4 (1 cement, 2 course sand, 4 graded stone aggregate, 20mm nominal size.) & curing etc complate & including the cost of from work but excluding the cost of reinforcement for R.C.C. work in (B) COLUMN = having cross sectional area 0.05 to 0.08 Sqm.	4.90	Cum	11775.49	57699.90
5	Providing & laying Cement Concrete 1:2:4 (1 cement, 2 course sand, 4 graded stone aggregate, 20mm nominal size.) & curing complate excluding the cost of work in (A) foundation & plinth for coping.	3.60	Cum	3481.28	12532.61
6	Brick work using common burn clay building brick having crushing strength not less then 35Kg/Sq,Cm, in for super structure above plinth level up to floor level in cement mortar 1:6 (1 cement, 6 sand) Conventional.	41.60	Cum	4289.33	178436.13
7	TMT Bar FE 500D reinforcement for R.C.C. work including bending binding & placing in position complate up to floor level.	2247.00	Kg.	76.21	171243.87
8	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.	559.00	Sqm	329.29	184073.11

It. No.	Item of Work	Qty.	Unit	Rate in Figures	Total Amount
1	2	3	4	5	6
9	Colour washing with lime on wall surface (three coast) over and including a primer coat of white washing to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter.	559.00	Sqm	17.66	9871.94
10	Supplying and erecting LED Solar street lights with High power White LEDs wattage of 1Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminum housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/lenses with company mark/name engraved orebossed with 36 hours battery backup & MPPT 24V,7.5 A charge controller with 12 hours automatic switch on/off with wind speed resistance 44 m/s as per IEC 61215(E) 36W,3000 lumens, IP-65, PV Module – 2x100W and 6 mtr poles complete erected.	4.00	Each	42662.40	170649.60
11	Drilling of 250 mm dia. Pilot bore by direct Rotary Rig.	66.00	Rmt	865.57	57127.62
12	Manufacture, supply and Delivery of ISI Marked UPVC Casing pipes (IS 12818 with latest amendment. 200 mm dia UPVC 'CM' TYPE blank pipe.	48.00	Rmt	1458.44	70005.12
13	Providing 200 mm dia UPVC 'CM' TYPE strainer pipe.	25.00	Rmt	1458.44	36461.00
14	Bail Plug of length 0.45 meter made from MS medium class pipe as per IS suitable for 200 mm dia. pipe.	1.00	No.	851.04	851.04
15	Clamp made from M.S. Plate with 03 holes on either side with nuts and bolts of std. make and suitable size 750 mm x 75 mm x 16mm flat to 200 mm dia. Pipe.	1.00	Pair	1643.99	1643.99
16	Providing bore plug having 100 mm height made from UPVC of std. make suitable for 200 mm dia.pipe.	1.00	No.	556.36	556.36
17	Supplying and laying of gravel in bore surrounding pipe.	9.00	Cum	2049.29	18443.61
18	Development of bore by Air Compressor 600 CFM-150 PSI.	6.00	Hour	3931.93	23591.58
19	Submersible Pump Set cat Q-1.5 head180 Mtr H.P. 3.00.	1.00	No.	16182.22	16182.22
20	Control Panal upto 3.00 H.P. S.D.	1.00	No.	6993.24	6993.24
21	Flat P.V.C. Cable Size: 1 R x 3 Cx 6 Sq. M.M.	80.00	Rmt	121.20	9696.00

It. No.	Item of Work	Qty.	Unit	Rate in Figures	Total Amount
1	2	3	4	5	6
22	UPVC Column pipes Heavy Duty Grade, 250 mtrs. Head. Manufacture, supply and Delivery of 80 mm Nominal dia UPVC column Pipes including PVC socket (coupler), Density of pipe 1.38 to 1.43 Gm per Cm ³ , OD: 87.5 TO 88.2 MM, wall Thickness End: 9.8 mm to 11.9 mm, Barrel: 7.3 mm to 9.00 mm, Length: 3 Mtrs.	39.00	Rmt	525.37	20489.43
23	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil.	1.98	Cum	149.67	296.35
24	Providing and laying cement concrete 1:2:4 (1-Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth.	1.98	Cum	3481.28	6892.93
25	Steel work welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (D) In trusses and trussed purlins, upto 25 M. span and 15 M overall height.	18.99	Qtl	6595.16	125242.09
26	Providing corrugated G.I. sheet of class-3 roofing fixed with galvanised iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet.	292.50	Sqm	727.13	212685.53
27	Providing and fixing Cement benches treatment of standard size at locations shown in the detailed drawing and as per instructions of E.I.C.	5.00	No.	13429.21	67146.05
28	Providing & Fixing Yojana Name Plate as directed.	1.00	No.	505.00	505.00
				TOTAL Rs.	1673143.94

i.e.Rs. Sixteen lakh seventy three thousand one hundred forty three and paise ninety four only.

I/We am/are willing to carry out the work @ _____ % above/below percent
(Should be written in figures and words) of the estimated rate mentioned above. Amount of my /our tender works out as under.

Estimated amount put to tender	Estimated amount put to tender
Deduct.....% below	Add.....% Above
Net Rs. _____	Total Rs. _____
In words _____	In words _____

Note :-

1. The Contractor shall exhibit a board with detailed specification and details of work as directed by the Engineer-In-Charge for which no extra payment shall be made.
2. The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.

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3. GST and Income tax TDS will be deducted at a source while making payments of bills.
4. In all R.C.C. Items in Rate Analysis Standard Cement Consumption has been taken as per Govt. G.R.: PRC-10/2017 Cement Consumption/16/C, Date:11/05/2017 as stated in S.O.R. therefore in R.C.C. items where there is a change as per actual mix design the cost of difference of cement consumption have been deducted from the rate of original item at the rate of input rate mentioned in all the tender.

Above all items of "Schedule-B" with Item Description, Unit, Rate & Amount have verified by me and found order.

Deputy Executive Engineer
Panchayat (R & B) Sub Division
Bharuch

Sr. Divisional Account Officer
Panchayat (R & B) Division
Bharuch

Executive Engineer
Panchayat (R & B) Division
Bharuch