

P.H.WORKS DIVISION,G.W.S & S.BOARD - JAMNAGAR

Name of Work:- Construction Of RCC Cistern and connecting Pipeline at Kothabhadukiya Village of Kalavad Taluka Under Rejuvenation Programme .

Taluka: KALAVAD

"SCHEDULE = B"

DIST : JAMNAGAR

Memorandum showing the approximate quantities for items of works to be carried out for the above work Approximate amount put to tender

Qty.Estd. But	Unit	Items	Rate	Per	Amount Rs.
my be more or					
less					
1.	2.	3.	4.	5.	6.
Item No. 1					
		Excavation for foundation up to 1.50 mt depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50 mt leadFor depth from 0.0 to 1.50 mts(i) Hard Murrum(ii) Soft Rock.Providing and laying cement concrete 1:3:6 (1-Cement : 3 - Coarse Sand : 6 - Hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of fom work in foundationFilling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering,ramming and on solidating etc. complete.White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:6 (1-Cement : 6- course sand) including packing the joints etc. complete.Providing & cast in situ C.C.in grade M-250 using granite, quartzite trap metal of size 12 mm to 20 mm & or 6mm to 12 mm incl. Scaffolding, centering, formwork, needle vibrated consolidation, curring & hydraulic test etc. comp. (excl. cost of reinforcement) up to 6 mt height from Av GL (i) Flat bottom slab (without centering)(ii) verticle side wall up to 15 cm thick(iii)Top slabSupplying, cutting, bending, binding and placing in position steel as per plan and design and as per ISS 2502 incl. Cost of steel and binding wire for reservoir only including lift up to 6.0 mts. Height. Using deformed (tmt) bars or for steel confirming to ISS Fe- 415Cement plaster 20 mm thick in C.M.1:2 using water proofing compound of approved quality incl. Finishing etc. comp. Providing 20 mm thick cement plaster in single coat on on single on half brick walls for interior plastering up to floor two level and finished even and smooth in In C.M. 1 : 3 (1- cement : 3-sand)Providing and fixing to wall, ceiling and floor galvanised mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall, ceiling and floor80 mm Dia (Medium duty)Providing & Suppling ISI mark CI D/F sluice valves, butterfly valves & reflux valves of following class & dia incl. All taxes, insurance, transportation, freight, octroi, inspection charges, loading, unloading, conveyances to deppartment store stacking etc complete. 80 mm Dia Sluice Valve with ISI Mark80 mm Dia P. N. 1.00Lowering,lating and jointing in position following C. I. D/F Reflux valves, Butterfly valves, Sluice valve and Air valves including cost of labour, jointing material, including nut bolts and giving satisfactory hydraulic testing, etc. complete 80 mm Dia80 mm Dia P. N. 1.00Supplying at store or site of work misc. water works hardware incl. Freight, insurance taxesetc complete.(ii)CI Main hole frame & cover (Medium duty)Fixing all type of C.I. frame and cover in C.C. 1:2:4 incl. Carting etc comp.			
40000.000	Lit.	Construction of Cistern - 40000.00 Lit.	11.109	Lit.	444365.000
ITEM No. 2					
		Providing and supplying in standard length ISI mark rigid unplasticised PVC pipes suitable for potable water with ring fit joint including cost of rings, as per IS specification no. 4985/1988 including all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departmental stores and including cost of jointing material etc. complete.			
90.000	Rmt.	90 mm PVC Pipeline	139.00	Rmt.	12510.000
ITEM No. 3					
		Excavation for pipe line trenches for water supply, sewerage line, manhole etc. all with shoring and strutting if required as per required gradient and line including safety provisions using site rails and stacking excavated stuff including up to all required lead cleaning the site etc. complete for all lifts and strata as specified.			
16.200	Cum	In all sorts of soil and soft murrum	89.00	Cum	1441.800
24.300	Cum	In hard murrum, boulders incl. macadam road	135.00	Cum	3280.500
32.400	Cum	In soft rock and/or masonry in CM or L M or Lime Concrete	163.00	Cum	5281.200
8.100	Cum	In hard rock and / or in C. C. 1:2:4 or RCC with blasting, breaking, chiseling, or by chiseling/breaking only	372.00	Cum	3013.200
ITEM No. 4					
		Lowering, laying, fixing and jointing PVC/uPVC/cPVC pipes and specials of following class and diameter including cost of conveyance from stores to site of works including cost of labour, material, cement solvent, giving satisfactory hydraulic testing as per ISI code.			
90.000	Rmt.	90 mm PVC Pipeline	17.00	Rmt.	1530.000
ITEM No. 5					
81.570	Cum.	Refilling the pipeline trenches incl. ramming, watering, consolidating desposal of surplus stuff as directed within a radius of 3 km. Refilling as directed	22.00	Cum.	1794.540
			TOTAL RS...		473216.24
			SAY RS...		473216.00

Contractors Silgnature

Dy. Executive Engineer

I am / we are will to carry out the work at
(in words)

%

percent above/below the above mentioned estimated rates.

Notes :

- 1 All the items of work shall be carried out as per P.W.D. Head book Voi. I and II (Letest Dnd.) and the work shall be carried out as per general specification of relevent items as per the booklet of P.H.S. Division (G.W.S & S.Board) Attached with the Tender copy and other specification of division as directed.
- 2 All the column is schedule 'B' should be filled in ink and the total of the entires in the last column shall be filled in by the contractor under his signature.
- 3 Rates quoted shall be for the completed items of works and shall include clearance of site prior to respect the holds good for work under all condition site moisture weather etc.complete.
- 4 Necessary Rojkam should be made prior to commencement of work etc. pressence of panchyat.

Contractor's Signature:

DY.EXECUTIVE ENGINEER
P.H.S. SUB DIVISION
KALAVAD