

Name of Work:- Providing, Supplying and Installing of Chlorination Plant at Different Head Works of BK-5 & SIPU RWSS Under M & R of Sipu RWSS. TA.Dhanera & DIST.BANASKANTHA.

S H E D U L E - A

Schedule showing the approximate quantity of materials to be supplied to the contractor and at the government store for the work to be executed by contractor and rate which way are to be charge.

Sr. No.	Particular	Quantity	Rate at which material to be charge to the contractor	Departmental Issue Rate	Place of Delivery
1	2	3	4	5	6

.....NIL.....

Notes :-

- 1) Material not included in schedule - A & required for the work shall be provided by the contractor at the own cost.
- 2) Any materials required for the items other than labour charged items mentioned in shedule-B but available whom deptt. Will be issued in request of the contractor at transporting department issue rate of market whichever is more.
- 3) The contractor shall provided his own arrangement for loading , unloading and the materials issued by the department from the store to him at his own cost of the contractor will be responsible for damage which is during transist.
- 4) The materials issued by the department and not used in the work shall be returne by the contractor in good and acceptable to department will be received at double the issu rate fixed by department.

**Signture of
contractor**

**Deputy Executive Engineer
P. H. San Subdivision
DHANERA**

SCHEDULE - B					
Sr. No.	DESCRIPTION OF ITEM	Qty.	Unit	Rate	Amount
1A	Providing, installing & commissioning Chlorination plant as per design capacity with 5 kg/hr capacity A.Gravity feed type Chlorinator	14.00	Nos.	33850.00	473900.00
1B	Pressure feed type Chlorinator	3.00	Nos.	45455.00	136365.00
2	Laboratory Instrument-Chloroscope 0.5 ppm including testing material	17.00	Nos.	1443.00	24531.00
3	Providing & Supplying of Digital Chlorine gas leak detector monitor meter - 0 to 20 ppm Capacity including all taxes, transportation, loading, unloading, conveyance to departmental stores,stacking etc. complete.	5.00	Nos.	62551.00	312755.00
4	Providing & Supplying of Chlorine Gas saftey kit for 900 kg cylinder including loading, unloading, carting, stacking, insurance , all taxes, octroi etc. fixing at H/W complete	5.00	Nos.	46191.00	230955.00
5	Providing & Supplying of Chlorine Gas saftey kit for 100 kg cylinder including loading, unloading, carting, stacking, insurance , all taxes, octroi etc. fixing at H/W complete	12.00	Nos.	40418.00	485016.00
6	Providing & Supplying of air breathing appartus for chlorine gas leakage as per IS:10245 Part-II including all taxes, transportation, loading, unloading, conveyance to departmental stores,stacking etc. complete.- 45 min duration cylinder	5.00	Nos.	41380.00	206900.00
7	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.(A) Loose or soft soi	191.93	Cmt.	122.94	23595.87
8	Providing and casting in situ mass cement concrete in grade M-10 (approx. corresp. To prop. 1:3:6) using granite quatzite trap metal of size 12mm to 25mm incl. consolidation curing etc. complete.	10.80	Cmt.	3972.00	42897.60
9	C.C. M-25 Control Concrete for water retaining structures Providing and cast in situ C.C. in grade M-25 Proportions of ingredients as per mix design by weigh batching using granite, quartzite trap metal of size 12mm to 20mm and or 6mm to 12mm including scaffolding centering formwork, needle vibrated consolidation, curing and hydraulic testing etc. completed (excluding cost of reinforcement) with centering and shuttering/deshuttring etc. comp. up to 6mtr. height/depth Av. G.L. for all water retaining structure Flat bottom slab/floor slab/slab with shuttering-Bottom slab with shuttering	10.80	Cmt.	8077.00	87231.60
9.1	Vertical wall up to 15cm thick & Slope	14.64	Cmt.	8597.00	125860.08
10	Supplying.Cutting, Bending, Binding & Placing in Position steel as per plan & Design & as per ISS 2502 including cost of steel & Binding wire for reservoirs/Structures only including lift upto 6 mt. height or depth below GL for all diameters.TMT Bars Fe-415 Grade.-Bottom slab (12mm Dia 150mm c/c) & Vertical wall (12mm Dia 150mm c/c)	3765.46	Kg.	68.91	259477.85

Sr. No.	DESCRIPTION OF ITEM	Qty.	Unit	Rate	Amount
11	Providing 15mm thick cement plaster in single coat on fair side brick/concrete wall for upto floor two level finishing with a floting coat of neat cement slurry .Cm 1:4 .	72.00	Sq.mt	215.65	15526.80
12	Providing & Casting in situ mass cement concrete in 1:4:8 proportion using granite quartzite metal of size 25 mm to 40 mm including consolidation curing etc. complete.	17.95	Cmt.	3393.00	60904.35
13	Brickwork using common brunt clay building brick having crushing srength not less than 35 kg/cm2 in foundation & Plinth in Cm 1:6.(b)conventional	61.50	Cmt.	4214.33	259181.295
14	Providing & Casting in situ C.C. in grade M-15 (Proportion Revelent IS Code)using granite.Quartzite trap metal of size 6mm to 20mm for RCC work,including Scaffolding,Centering,foam work,needle vibreted consolidation,curing comp. up to 6mt. Depth or Height (excluding cost of reinforcement & neat finishing) with centering & Shuttering etc. complete for structure for other than water retaining(2) Footing for Column or Foundation with form work.	19.97	Cmt.	4906.00	97972.82
15	Brickwork using common brunt clay building brick having crushing srength not less than 35 kg/cm2 in Super Structure above plinth level upto floor Cm 1:6.(B)Conventional	48.34	Cmt.	4496.05	217339.06
16	Providing & Casting in situ C.C. in grade M-20 (Proportion Revelent IS Code)using granite.Quartzite trap metal of size 6mm to 20mm for RCC work,including Scaffolding,Centering,foam work,needle vibreted consolidation,curing comp. up to 6mt. Depth or Height (excluding cost of reinforcement & neat finishing) with centering & Shuttering etc. complete for structure for other than water retaining.-(4) Beam / Ring Beams	6.49	Cmt.	7553.00	49020.48
16.1	(5)Slab with form work	11.47	Cmt.	7304.00	83747.66
17	Providing 15mm thick cement plaster in single coat on fair side brick/concrete wall for upto floor two level finishing with a floting coat of neat cement slurry CM 1:4 .	759.70	Sq.mt	215.65	163829.31
18	Filling in plinth with sand under floors including watering ramming,consolidating & dressing etc. complete.	101.35	Cmt.	444.75	45075.41

Sr. No.	DESCRIPTION OF ITEM	Qty.	Unit	Rate	Amount
19	Finishing wall with water proofing cement paint on wall surface three coat to give an approved brand & manufactured & of required shape even shade after thoroughly brushing the surface to remove all dirt & remains of loose powdered material.	759.70	Sq.mt	65.32	49623.60
20	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 95mm x 24mm x 1.17mm @ wt.of 0.738 Kg/mt , horizontal Three track member size 92mm x 31.75mm x 1.30mm,@ Wt.1.07Kg/mt , vertical member of size 92mm x 31.75mm x 1.50mm@ Wt. 1.06 Kg/mt with sliding shutters of horizontal membersize 40 mmx18mm x1.29mm @ wt.of 0.456 Kg/mt, vertical member of size 40mm x 18mm x 1.29 mm @ wt.of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc.	18.00	Sq.mt	1583.95	28511.10
21	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (A) In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like.	1250.00	kg	58.89	73612.50
					3553829.39

I/We am/are willing to carry out the work at _____ % (Shoud be written in figures and words)
Above/Below the estimated rate mentioned above amount of my/our tender work out as under.

Estimated Cost Put to Tender

Rs.:-

Above:-

Add Rs.:-

Net Rs.:-

In Word Rs.:-

Estimate Cost Put to Tender

Rs.:-

Below:-

Deduct Rs.:-

Net Rs.:-

In Word Rs.:-

**Sign of
Contractor**

**Deputy Executive Engineer
P. H. San Subdivision
DHANERA**