

SCHEDULE OF QUANTITY

Estimated cost Rs. 630641/-
Earnest Money:- 12615/-
Time: Three Months

Name of work:- Providing LWSS to P.C. habitation of CV Bajaihal , Jhamach , Shiva , Chhodhar and Dhawas in G.P. Thana and Baggachonogi Tehsil Thunag distt. Mandi (HP). (SH:- C/O intake Cahamber, RCC Sedimentation Tank 20500 ltrs Capacity , F/ Bed 51.00 sqm in three units, RCC sump well 81700 ltrs. Capacity and laying, jointing and testing of GI pipe in feeder line.

Sr. No.	Description	Qty.	Rate	Unit	Amount
1	Excavation in foundation and trenches etc.(for pipes and pits upto all depths) in all kinds of soil such as pick work, jumper work, blasting and chiselling soft or hard rock where blasting is prohibited in all leads and lifts including trimming and dressing of sides, levelling of bed to correct grade stacking the excavated soil clear from the edge of excavation and returning the excavated soil after laying, jointing and testing of G.I. pipes in trenches in 15 cm layers including consolidating each deposited layers by ramming and watering and then disposing of all surplus excavated soil as directed in all leads and lifts and soring strutting and trimming and dressing where ever required including restoration of un-metalled/ metalled/ paved surface to its original condition including cost of diversion for traffic night signals fixing caution board, crossing over trenches for access to houses and fencing etc.	331		Cum	
2	Providing and laying cement concrete 1:3:6 (1 cement: 3 sand : 6 graded crushed stone aggregate 40 mm nominal size) and curing complete excluding the cost of form work in foundation and plinth in all leads and lifts.	34.31		Cum	
3	Providing form work with steel plates 3.15 cm thick welded with angles iron in frame 30x30x5 mm so as to give a fair finish including centering shuttering strutting and propping etc. with wooden battens and balies height of propping and centering below supporting floor to ceiling not exceeding 4 mtrs and removal of the same for in- situ- reinforced concrete & plain concrete work in all leads and lifts in:-				
	(a)Vertical surface such as walls curved or plain (any thickness) partitions and the like including attached pillasters buttresses, plinth and string courses and the like.	509.32		Sqm.	
	(b)flat surfaces such as soffits of suspended floors, roofs, landings and the like in floor etc. upto any thickness.	15.22		Sqm.	
	(C) Sloping or battering surfaces including folded plates where inclination to horinontal plan to required degree.	25.95		Sqm.	
4	Providing and laying cement concrete 1:1.5: 3 (1 cement :1.5 sand: 3 graded crushed stone aggregate 20 mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced cement concretef work in all leads and lifts in:-				
	(a)foundation, footings bases of columns and the like mass concrete in all leads and lifts.	41.65		Cum	
	(b)Walls any thickness but not less than 0.1 mtrs. Thickness attached pillasters, plinths and string courses etc. from top of foundation level upto all floor level in all leads and lifts.	43.25		Cum	

(C)Suspended floors, roofs , landing, shelves and their supports balconies, L:intels, beams girders bresmers and cantilevers upto all floor two level.	0.11 Cum
5 Providing and laying cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone agregate 20 mm nominal size) and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in all leads and lifts in:-	
(a) Suspended floors, roofs, landing, shelves and their supprlts balconies, lintels, beams girders bresmers and cantilevers upto all floor two level.	1.40 Cum
(b) arches/ doms upto all floor level.	2.85 Cum
6 Providing and lying No fine cement concrete 1:6 (1 cement : 6 graded crushed stone aggregate 20 mm nominal size) and curing complete excluding the cost of form work in foundation and plinth in all leads and lifts.	0.12 cum
7 Providing tor steel reinforcement for RCC work including bending, binding and placing in position complete upto floor two level in all leads and lifts.	6248 Kg
8 Providing and fixing of SFRC manhole cover with frame confirming to IS12592(Part-II) 1991 with latest ammendments medium duty circular type 600 mm dia in all leads and lifts.	5 Nos
9 Providing and fixing cast iron spun spigot and socket soil ventilating pipe leads caulked joints to be measured and paid for separately 100 mm dia in all leads and lifts.	3.00 Rmt.
10 Providing and fixing C.I cowl(slotted vent) 100 mm dia	2 Nos
11 40 mm thick cement concrete flooring 1:2:4 (1 cement: 2 sand : 4 graded stone aggregate 20 mm nominal guage and below) based over concrete and finished with a floting coat of neat cement based concrete to be separately in all leads and lifts.	56.47 Sqm.
12 Providing and placing in horizontal layers filtering media duly graded screened washed and cleaned as specified by the Engineer- in- charge including all leads and lifts.	
(i) fine and screened , cleaned , washed and graded effective size 0.20 to 0.40 with uniformity co- efficient 2to 3.	38.3 cum
(ii) Coursed sand screened, washed and graded from 3mm to 6 mm	5.11 Cum
(iii) Bajari coursed screened, washed and graded from 6 mm to 20 mm	5.33 Cum
(iv) Bajari coursed screened , washed and graded from 20 mm to 25 mm	5.33 Cum
(v) Broken stone screened washed and graded from 50 mm to 75 mm	7.88 Cum
13 Providing and placing in horizontal layer dry bricks in two layers as specified by the Engineer- in- charge including all leads and lifts.	4328 Nos
14 P/F C.I rungs 200 mm wide in tanks in all leads anf lifts.	24 Nos
15 Providing and fixing gun metal peet valve with hand wheel for inlet, scour and over flow pipe of following dia in all leads and lifts.	
i)50 mm dia	2 Nos
ii) 654 mm dia	4 Nos

iii) 80 mm dia

6 Nos

- 16 Fixing G.I pipe light grade for inlet, scour and over flow pipe(Labour rate) of following dia in all leads and lifts.
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|----------------|------------|
| i) 50 mm dia | 16.00 Rmt. |
| ii) 65 mm dia | 42.00 Rmt. |
| iii) 80 mm dia | 30.00 Rmt. |

- 17 Laying, jointing of GMS tube in trenches (light grade) of following dia's meter including providing and fixing tube fitting such as bends, tees, air valves, Unions and collars etc. including carriage as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).

ii) 65 mm dia	200.00 Rmt.
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Total

Terms and conditions

(i) The work shall be executed as per HP/ IPH specifications and to the entire satisfaction of the Engineer- in- charge.

(ii) The cement and steel shall be issued by the department from IPH store Thunag i.e. cement @ Rs 195/- per bag, steel @ Rs. 4500/- per qtl.

iii) the contractor shall be fully responsible for watch and award of the material at site of work.

iv) Nothing shall be paid for rejected material.

v) Income Tax/ Sale Tax and labour welfare cess shall be deducted from the bill of the contractor as applicable.

vi) G.I pipe shall be issued by the department from IPH store Thunag. Free of cost.

vii) G.I. Fitting shall be provided by the contractor at their own cost.

Executive Engineer,
I&PH Division,
Thunag.