

**Schedule of quantity**

Estimated cost Rs.2,20,233/-  
Earnest money Rs. 4400/-  
Time: Three months.

Name of Work:-Providing LWSS Kaligarh Bara G/O Villages in GP Bara Tehsil Chactyot Disst Mandi HP (SH:-Laying Jointing & testing tank to tank Lines and Distribution System).

Sr.No.	Description of item	Qty.	Rate	Unit	Amount
1	Excavation in foundation and trenches etc. (including 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 GI pipes in trenches in 15cm 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 dressing where ever required including restoration of un-metalled 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. complete in all respect.	381.25 cum		per cum	
2	Laying, jointing and testing of GMS tube in trenches (light grade) of following dia meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately) in all leads and lifts.				
	15 mm dia	180 Rmt		Per Rmt	
	20 mm dia	175 Rmt		Per Rmt	
	25 mm dia	160 Rmt		Per Rmt	
	32 mm dia	170 Rmt		Per Rmt	
	40 mm dia	160 Rmt		Per Rmt	
	50 mm dia	150 Rmt		Per Rmt	
	65 mm dia	180 Rmt		Per Rmt	
	80 mm dia	100 Rmt		Per Rmt	
	100 mm dia	100 Rmt		Per Rmt	
3	Providing & fixing brass full way wheel valve .of following dia including carriage of valve at site etc. complete in all respect				
	15 mm dia	2.00 Nos		Each	
	20 mm dia	2.00 Nos		Each	
	25 mm dia	2.00 Nos		Each	
	32 mm dia	2.00 Nos		Each	
	40 mm dia	2.00 Nos		Each	
	50 mm dia	2.00 Nos		Each	
	65 mm dia	3.00 Nos		Each	
	80 mm dia	3.00 Nos		Each	
	100 mm dia	2.00 Nos		Each	

Sr.No.	Description of item	Qty.	Rate	Unit	Amount
4	Providing and fixing GI Union in all leads and lifts.				
	G.I. Union 15mm dia (H) duty	20.00	Nos	Each	
	G.I. Union 20mm dia (H) duty	20.00	Nos	Each	
	G.I. Union 25mm dia (H) duty	15.00	Nos	Each	
	G.I. Union 32mm dia (H) duty	8.00	Nos	Each	
	G.I. Union 40mm dia (H) duty	12.00	Nos	Each	
	G.I. Union 50mm dia (H) duty	10.00	Nos	Each	
	G.I. Union 65mm dia (H) duty	15.00	Nos	Each	
	G.I. Union 80mm dia (H) duty	5.00	Nos	Each	
	G.I. Union 100mm dia (H) duty	5.00	Nos	Each	
5	Providing and fixing GI Elbow in all leads and lifts.				
	G.I.Elbow 15mm dia (L) duty	5.00	Nos	Each	
	G.I.Elbow 20mm dia (L) duty	5.00	Nos	Each	
	G.I.Elbow 25mm dia (L) duty	10.00	Nos	Each	
	G.I.Elbow 32mm dia (L) duty	6.00	Nos	Each	
	G.I.Elbow 40mm dia (L) duty	15.00	Nos	Each	
	G.I.Elbow 50mm dia (L) duty	8.00	Nos	Each	
	G.I.Elbow 65mm dia (L) duty	15.00	Nos	Each	
	G.I.Elbow 80mm dia (L) duty	5.00	Nos	Each	
	G.I.Elbow 100mm dia (L) duty	5.00	Nos	Each	
6	Providing , Welding & testing of ISI marked steel tube beveled/ plain ended in trenches of G.I. pipe of following dia meters confirming to ISO 1239-2001, ( Latest with uptodate ammendments, i/c jointing the pipe with butt welding at both the ends in minimum three layer to make the joint water proof according to relvent BIS standared/ approved specifications i/c manufacturing reducer/tapers, all short pieces and bends as per site requirement and made from parent tubes ( to be measured and paid alongwith pipes), bends shall be manufactured in such a way that no more than 11-1/4 degree deflection is caused by a single cut and internal dia is not reduced i/c hydraulic testing to the entire satisfaction of the Engineer- in- charge with in all leads and lifts. (Earth work in trenches will be measured and paid for separately).				
	GI pipe 80mm dia (MG) <b>30 Nos joints.</b>	30.00	Nos	Each	

**Terms and conditions**

- 1 The work shall be executed as per HPPWD/IPH specification and to the entire satisfaction of the Engineer-in-charge.
- 2 The contractor shall be fully responsible for watch and ward of the material at site of work.
- 3 Nothing shall be paid for rejected material/work.
- 4 Labour welfare cess and GST shall be deducted from the bill of the contractor as applicable.
- 5 The GI pipes shall be supplied by the department free of cost from IPH store Thunag
- 6 The contractor shall be responsible for any accident caused during the construction of the work and the loss if any will be born by the contractor
- 7 The rates should be inclusive with GST and carriage of material at the site of work..

<b>Total</b>	
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Executive Engineer  
I&PH Division, Thunag