

### Schedule of quantity

Estimated cost Rs. 2,09,512/-

Earnest money Rs.4190/-

Time:- Three months

Name of work:-Tapping Additional source to WSS Basan in GP Kau Tehsil Balichowki Distt. Mandi HPMandi(H.P) (SH:- C/O Nallah intake Chamber, Laying jointing and testing of GI pipe 20mm dia). **BASP**

Sr.No.	Description	Qty.	Rate	Unit	Amount
1.00	Excavation in foundation trenches etc.( for pipes & 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 i/c trimming and dressing of sides levelling of bed to correct grade stacking the excavated soil clear from the edge of excavation and then returning the excavated soil after laying, jointing and testing of GI Pipe in trenches in 15cm layers i/c consolidating each deposited layeres by ramming and watering and then disposing of all surplus excavated earth as directed with in all lead & lift and soring Strutting and timbering and dressing where ever required i/c restoration of un- metallled/ metallled/paved surface to its orginal condition i/c cost of diversion for traffic night signals fixing caution board, crossing over trenches for access to houses and fencing etc. complete in all respect.	528.13 cum		per cum	
2.00	Providing and laying cement concrete 1:4:8 (1 Cement:4 sand:8 Graded stone aggregate 40 mm nominal size & curing complete excluding the cost of form work in foundation and plinth	0.78 Cum		per cum	
3.00	Providing and laying cement concrete 1:1.5:3(one cement :one and half sand : three graded crushed stone aggregate 20mm nominal size ) and curing complete excluding cost of form work and reinforcement for reinforced cement concrete work in all leads and lifts in :-				
3.01	(a) Foundation ,footings bases of columns and the like mass concrete in all leads and lifts	1.04 Cum		per cum	
3.02	(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 floor two level in all leads and lifts .	1.66 Cum		per cum	
3.03	(c) Flat surfaces such as soffits of suspended floor, roof, landings and the like etc.in all leads and lifts.	0.17 Cum		per cum	
4.00	Providing form work with steel plates 3.15 mm thick welded with angle iron in frames 30x30x5 mm so as to give a fair finish i/c centring ,shuttering, strutting and propping etc. with wooden battens & ballies, ht. of propping & centring below supporting floor to ceiling not exceeding 4 mtrs. & removal of the same for insitu-reinforced concrete and plain concrete work in :				
4.01	a)Vertical surfaces such as walls (any thickness) partition and the like including attached pillasters, buttresses,, plinth & string course and the like.	26.25 Sqm		Per sqm	

Sr.No.	Description	Qty.	Rate	Unit	Amount
4.02	b) Flat surfaces such as soffits of suspended floors, roofs , landing and the like:- floors etc. upto 200 mm in thickness	1.00		Sqm	Per sqm
5.00	Providing tor Steel reinforcement for R.C.C work including bending , binding and placing in position complete up to floor two level.	162.14		Kg	per kg
6.00	P/L No fine concrete in cement concrete 1:6 (1 Cement:6 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of formwork & reinforcement for reinforced concrete work .	0.23		Cum	per cum
7.00	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.				
7.01	(a) Bottom layer:- Broken stone screened, clean, washed and graded from 50mm to 75mm from approved source	0.23		Cum	per cum
7.02	(b) 3rd layer:- Bajari screeened, clean, washed and graded from 6mm to 20mm from approved source	0.15		Cum	per cum
7.03	(c) 2nd layer:- coursed sand screened, clean, washed and graded from 3mm to 6mm from approved source.	0.15		Cum	per cum
7.04	(d) Top layer :-Fine sand screened, cleaned, washed and graded effective size 0.20 to 0.40 with uniformity co-efficient 2 to 3).	0.75		Cum	per cum
8.00	Fixing of GI pipe light grade for inlet, outlet , over flow and scour pipe including scouring and bye pass arrangement of 20mm dia in all leads and lifts.	36.00		Rmt	Per Rmt
9.00	Providing and fixing Gun Metal wheel valve20mm dia	3		Nos.	Each
10.00	Laying, jointing and testing of GMS tube (screwed and socked) in trenches of following diameter light grade including providing and fixing tube fittings such as bends, tees, air valves, unions and collars etc. complete including carriage in all respect as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
10.01	20 mm dia	1215		Rmt	Per Rmt

**Terms and conditions**

- 1 The work shall be executed as per HP PWD/IPH specifications and to the entire satisfaction of the Engineer-in-charge.
- 2 The cement & steel shall be issued by the department from IPH Store Balichowki i.e. Cement @ Rs. 289/-per bag, steel @ Rs. 5700/-per qtl. and GI pipe free of cost from Divisional store Thunag
- 3 The contractor shall be fully responsible for watch and ward of the material at site of work.
- 4 Nothing shall be paid for rejected material.
- 5 GST and labour welfare cess shall be deducted from the bill of the contractor as applicable
- 6 Crushed stone aggregate shall be used in all concrete work.
- 7 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
- 8 The rates are inclusive with GST and carriage

Executive Engineer  
I&PH Division Thunag

<b>Total:-</b>	
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