

SCHEDULE OF QUANTITY**JOB 2**

Name of Work:-Sustainability of source GWSS Shaila Kupri Sublog in GP Kareothi Tehsil K/Sain Distt, Shimla (HP)					Estimated Amount Rs176749/-		
Sub Head :-Const. of Nallah Intake , P/ Laying and jointing of GI pipe distribution system .)					Earnest Money Rs 3550/--		
					Time Limit:- Two Months		
S.No	Description of items.	Quantity.		Rates.		Unit.	Amount.
				In fig.	In Words.		
1	Excavation in foundation trenches etc.in earth work upto all depths in all kinds of soil such as pick work,jumper work,blasting and chiselling soft/hard rocks where blasting is prohibited in all leads and lifts including trimming and dressing of side levelling of bed to correct grade and returning the stacked soil in trenches in 15cm.layers by ramming and watrering and then disposing of all surplus excavated soil as directed in all leads and lifts and soring strutting/timbering and dewatering where ever required including restoration of un metalled/metalled paved surfaces of its original conditions including caution boards in all respect and to the entire satisfaction of the Engineer-in-Charge.	571.60	Cum			Per Cubic Metre	
2	Providing and laying cement concrete 1:4:8(1cement:4 sand:8 graded stone agg.40mm nominal size)and curing complete excluding cost of form work in foundation and plinth in all leads and lifts.	1.17	Cum			Per Cubic Metre.	
3	Providing and laying cement concrete 1:1/2:3(M20) (1cement:1 1/2 sand:3 ggraded stone aggregate 20mm nominal size) and curriing complete excluding the cost of form work and reinforcement for reinforced concrete work in:-						
i	Foundation & plinth.	0.95	Cum			Per Cubic metre.	
ii	Walls (any thickness)but not less than 0.1 mtr.thickness)attached pillasters,buttresses,plinth and string courses etc.from top of foundation level upto floor two level in all leads and lifts.	1.41	Cum			Per Cubic metre.	
iii)	Column pillar post & struts up to floor to level.	0.07	Cum			Per Cubic metre.	

5	Providing and laying cement concrete 1:2:4 (1cement:2 sand: 4graded stone aggregate 20 mm nominal size)and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in :-						
	i) suspended floors, roofs,landings and shelves and their supports, balconies, beams, girders, bressumers and cantilivers up to floor two level in all leads & lifts.	1.20	Cum			Per Cubic Metre	
6	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a fair finish including centring, shuttering ,strutting and propping et c.with wooden battens and ballies height of propping and centring below supporting floor to ceiling in all heights and removal of the same for insitu reinforced concrete and plain concrete workin:-						
i	Flat surfaces such as soffits of suspended floors,roofs,landings and the like floors etc.upto 200mm in thickness in all leads and lifts.	3.98	Sqm.			Per Square Metre	
ii	Vertical surfaces such as walls(any thickness)partitons and the like including attached pillasters,buttresses plinth and string courses and the like Columns,pillars posts and struts in all leads and lifts	24.06	Sqm.			Per Square Metre	
iii)	Column pillar post & struts up to floor to level.	1.20	Sqm.			Per Square Metre	
iv)	Beam cantilever , girder, & lintel sides & soffits of beams, beam haunching, cantilever, bressumers, & lintles not exceeding 1mtr in depth.	5.12	Sqm.			Per Square Metre	
7	Providing tor steel reinforcement for RCC work including bending,binding and placing in position compete upto floor two level in all leads and lifts.	326.70	kg.			Per Kilogram.	
8	Providing in RCC work smooth finishing of the exposed surfaces with cement mortar 1:3 (1 cement : 3 sand)complete in all leads and lifts.	24.06	Sqm.			Per Square Metre	
9	Providing and placing of horizontal layer filter media duly graded, screened, washed and cleaned as specified by the Engineer- in-charge.						
iii)	<u>3rd Layer</u> :-Bajri screaned, washed and graded 6 mm to 20 mm from approved quarry in all leads and lifts.	2.88	Cum.			Per Cubic Metre	
iv)	<u>4th Layer</u> :-Bajri screaned, washed & graded 20 mm to 25 mm from approved quarry in all leads and lifts.	2.5	Cum.			Per Cubic Metre	

v)	<u>5th Layer</u> :- Brocken stone screaned, washed and graded for 50 mm to 75 mm from approved quarry in all leads and lifts.	2.02	Cum.			Per Cubic Metre	
10	Providing & laying no fine concrete 1:6 (1 cement : 6 graded stone agg. 40 mm nominal size) and curing complete	0.63	Cum.			Per Cubic Metre	
11	Prov., Laying ,jointing and testing in trenches GMS tubes (Light grade) tube fittings such as bends,tees unions etc.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.(L.R)						
	20 mm dia	1380	Rmt.			Per Running Metre.	
12	Providing & Fixing Brass fullway valve with wheel of superior quality						
	20 mm dia	1	Nos			Each	
(Rs One lac seventy six thousand thousand seven hudred forty nine) Only						Total:-	

TERMS AND CONDITIONS

- 1 Use of vibrator in mandatory for RCC/CC work
- 2 5% payment shall be with held for testing of line & civil structures
- 3 Cement will be issued to the contractors from IPH Store Suni @ Rs 213/- per bag PPC .
- 4 Steel will be issued to the contractors from IPH Store Suni @ Rs 41.00 per/Kg.
- 5 The work will be executed as per PWD/IPH specification and as per the direction of the Engineer-in-Charge.
- 6 The contractor is fully responsible for watch and ward of material as issued to him
- 7 Pipe will be issued by the Deptt to the contractor from IPH Store Suni 15mm dia @ Rs 55/-, 20mm dia @ Rs 78/- only.,
- 8 The sale tax & Income tax will be deducted from every bill.
- 9 1 % Cess will be deducted from each & every bill of contractor.

GI/740

Executive Engineer,
I&PH Division,Suni,
Distt Shimla H.P.