

DRAFT NOTICE INVITING TENDER

Name of work:- Providing WSS NC/PC habitation of Raswala, Tarad & Begli in GP Kutachi Sub-Tehsil Nihri Distt. Mandi (HP).	Estimated Cost Rs.261986/-
(SH:- C/O RCC intake chamber, sedimentation tank of 5000 Ltrs capacity and Filter bed of 10.00 sqmt. , RCC S/Tank 5000 Ltrs cap., Stand Post 8 nos.and Laying, Jointing and testing of G.I. Pipe 20mm dia from Point A-B at RD 0 to 850 = 850 Rmt, 15 mm dia at point B-C from RD 850 to 2000 = 1150 Rmt, C-D from RD 2000 to 2500 = 500 Rmt., and C-E from RD 0 to 800 =800 Rmt.)	Earnest Money Rs.5250/-
	Time Six Month

S.No	Description of items	Quantity		Rate		Unit	Amount
				In Fig.	In Words		
1	Excavation in foundation trenches etc.up to 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 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 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.	1282.42	Cum			Per cubic meter	
2	Providing and laying Cement concrete 1:3:6(1 cement 3 sand 6 graded stone aggregate 40 mm nominal size) and curing complete excluding cost of centring, shuttering in foundation and plinth in all leads and lifts.	7.604	Cum			Per cubic meter	
3	Providing and laying Cement concrete 1:4:8(1 cement 4 sand 8 graded stone aggregate 40 mm nominal size) and curing complete excluding cost of centring, shuttering in foundation and plinth in all leads and lifts.	1.13	Cum			Per cubic meter	
4	Providing & laying cement concrete 1:1.5:3 (1 cement 1.5 sand 3 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of form work and reinforcement in						
a	Founfation & Plinth.in all leads and lifts.	5.64	Cum			Per cubic meter	
b	Walls(any thickness but not less than 0.1 mtr.thickness) attached pilasters,buttresses,plinth and string courses etc.from top of foundation level up to floor two level.in all leads and lifts.	16.26	Cum			Per cubic meter	
5	Providing form work with steel plates 3.15 mm thick welded with angle iron in frame 30x30x5mm so as to give a fair finish including centring shuttering strutting and propping etc. with wooden battens and ballies, height of propping and centring below supporting floor to ceiling in all height and removal of the same for insitu reinforced concrete & plain concrete work in.						
i	Flat surfaces such as soffits of suspended floors,roofs,landing and the like Floors etc.upto 200 mm in thickness.in all leads and lifts.	10.25	Sqmt			Per Square meter	
ii	Vertical surface such as walls (any thickness) partition and the like including attached pillasters buttresses plinth and string courses and the like.Columns pillars posts and struts.in all leads and lifts.	223.1	Sqmt			Per Square meter	
iii	Beam, Cantilevers, girders and lintels: sides and soffits of beama, haunchings, cantilevers, girders, bressumers and lintels not exceedingh 1.00 meters in depthin all leads & lifts.	0.72	Sqmt			Per Square meter	

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				In Fig.	In Words		
6	Providing and laying cement concrete 1:2:4(1cement:2 sand:4 graded stone agg.20mm nominal size)and curing complete excluding cost of form work and reinforcement and reinforced concrete workin:						
a	Suspended floors,roofs,landing and shelves and their support balconies beams,girders bressumers and cantilvers upto floor two level in all leads and lifts.in all leads and lifts.	0.71	Cum			Per cubic meter	
7	Providing and laying cement concrete 1:2:4(1cement:2 sand:4 graded stone agg.20mm nominal size)and curing complete excluding cost of form work and reinforcement in foundation & Plinth in all leads & lifts.	1.984	Cum			Per cubic meter	
8	Providing tor steel reinforcement for RCC work including bending binding and placing in position complete upto floor two level.in all leads and lifts.	1656.49	Kg			Per Kilogram	
9	Fixing of G.I. pipes 65 mm dia (Ligh Grade) for stand post 1.50 metes long in all leads & lifts.	8	Nos.			Each	
10	15 mm cement plaster in single coat on rough side of brick/stone masonry for interior plastering up to floor two level i/c rises internal rounded angles chamfors and / or rounded angle not exceeded 80 mm in girth and finished even and smooth in CM 1:3 (1 cement : 3 sand) in all leads & lifts.	22.5	Sqmt.			Per Square meter	
11	Providing & fixing Bib tap with capston head 15 mm dia in all leads & lifts.	8	Nos.			Each	
12	Laying & Jointing GMS Tubes (Light Grade) , Tube fittings in all leads & lifts.						
i	40 mm dia	18	Rmt.			Per / Rmt.	
ii	32 mm dia	28	Rmt.			Per / Rmt.	
iii	20 mm diua	850	Rmt.			Per / Rmt.	
iv	15 mm dia	2450	Rmt.			Per / Rmt.	
13	Providing and fixing SFRC manhole cover and frame conforming to IS-12593-Part-I -1888 and 12592-Part-II-1991 500mmdia meter with frame weight not less than 38 Kg. in all leads and lifts.	3	Nos.			Each	
14	Providing and placing in horizontal layers filtering media duly graded,screened,washed and cleaned as specified by the engineer in charge.						
i	Top Layer						
	Fine sand(Eff.size 0.20 mm to 0.40 and Uniformity-co-efficient 2.00 to 3.00) in all leads & lifts.	7.5	Cum			Per/cum	
ii	Second layer						
	Coarse Sand 3mm-6mm in all leads & lifts.	1.00	Cum			Per/cum	

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				In Fig.	In Words		
iii	3rd layer:-						
	Bajri 6mm to 20mm. In all leads & lifts.	1.00	Cum			Per/cum	
iv	4th Layer						
	Bajri 20 mm to 25mm in all leads & lifts.	1.00	Cum			Per/cum	
v	Bottom layer						
	Broken stone 50mm to 75mm in all leads & lifts.	1.5	Cum			Per/cum	
15	Providing and placing 1st class standard bricks in filter bed in two layers so as to make cross drain as per direction of Engineer-in-charge in all leads & lifts.	442	Nos.			Each	
						Total	

TERMS AND CONDITIONS:

- 1 The work shall be executed as per PWD/IPH Specifications and to the entire satisfaction of the Engineer-in-charge.
- 2 The contractor shall be responsible for warch & ward of materials at site of work.
- 3 Cement , Steel, GI pipe will be issued to the contractor by the Department Cement @ 4600/P.Tonne at IPH store Nihri , Steel Rs.3700/-P.Qtl IPH store Karsog and GI pipe , free of cost.at IPH Divisional Store Karsog.
- 4 Concrete work shall be done by using vibrator and concrete mixing plant.
- 5 Crushed stone aggregate shall be used for civil structure.
- 6 The material shall be used of approved quarry.
- 7 The rates shall be inclusive of carriage of materials in all leads and lifts to the site of work.
- 8 Nothing shall be paid for rejected materials/work.
- 9 The final payment will be made after the successful testing of the work.
- 10 Fitting material such as Tees, Elbow, Sockets. Union and reducer etc. will be provided by the contractor own his cost..

**Executive Engineer,
IPH Division Karsog.**