

SCHEDULE OF QUANTITY

Name of Work:- Providing WSS to NC/PC habitaion in G.P. Pangna in Tehsil Karsog, Distt. Mandi (HP) (SH:- Balance work of RCC Filter beds 20 sqm in two units)					ESTIMATED	215361.00
					EARNEST	4303.00
					TIME LIMIT:	1.5 Months.
Sr. No.	Items of work	Quantity	Unit	Rate		Amount
1	2	3		4		5
1	Excavation in foundations trenches etc. (for pipes & pits) in earth work in all kinds of soil such as pick work, jumper work, blasting soft or hard rock or by chiselling soft or hard rock where blasting is prohibited in all leads and lifts including trimming/dressing of sides and bed, stacking the excavated soil clear from the edge of excavation and returning the excavated soil after completion of work in 15 cm layers when required into plinth, sides of foundation etc. consolidating each deposited layers by ramming and watering and then disposing of all surplus excavated soil complete in all respect as per direction and to the entire satisfaction of the Engineer-in-charge.	5.23	Cum			
2	Providing and laying cement concrete 1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 40mm nominal size) and curing complete excluding in cost of form work in Foundation and Plinth within all leads and lifts including all carriage by Mechanical lead as well as head load, as per direction and to the entire satisfaction of the Engineer-in-charge.	2.13	Cum			
3	Providing and laying cement concrete 1:1½:3 (1 cement : 1½ sand : 3 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work & reinforcement for RCC work in foundation and plinth with in all leads and lifts as per direction and to the entire satisfaction of the Engineer-in-charge.					
3.1	Foundations, footings, bases of columns and the like and mass concrete in all leads and lifts as per direction and to the entire satisfaction of the Engineer-in-charge.	1.06	Cum			
3.2	Walls (any thickness but not less than 0.1 m thickness) attached pilasters, buttresses, plinth and string courses etc. from top of foundation level up to floor two level. within all leads and lifts as per direction and to the entire satisfaction of the Engineer-in-Charge.	5.45	Cum			

4	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.					
4.1	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.	11.62	Sqmt			
4.2	Vertical walls (any thickness but not less than 0.1 mtrs thickness) attached pillasters buttresses plinth and string courses etc. from top of foundation level upto floor two level as per direction & to the entire satisfaction of the Engineer-in-Charge up to all leads and lifts.	104.91	Sqmt			
5	Providing and laying cement concrete 1:2:4(1cement:2sand: 4graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge up to all leads and lifts.					
5.1	Suspended floors, roofs, landings, shelves and their supports balconies, beams girders bressumers and cantilivers upto floor two levels in all respect as per direction & to the entire satisfaction of the Engineer-in-Charge.	0.64	Cum			
6	Providing tor Steel reinforcement for R.C.C work including bending , binding and placing in position i/c binding wire complete up to floor two level complete up to floor two level complete in all respect as per direction & to the entire satisfaction of Engineer-in-Charge up to all leads and lifts.	961.70	Kg			
7	Laying & jointing of G.I. pipes (light grade) tube fitting in trenches i/c earth work complete including all leads and lifts: a) Scour pipe 32 mm dia (L.R.)	46.00	Rmt			
8	P/F Gun metal Wheel valve (with hand wheel) as per I.S.specification of relevent code 32 mm dia. in all respect as per direction & to the entire satisfaction of Engineer-in- Charge upto all lead & lifts.	4	No.			

9	Manufacturing, supplying, Fabrication and fixing of MS fabricated Protection Pannel 750 mm x 750 mm made ms Angle 40 x 40x4 mm for frame , Ms Angle 30 x 30 x 3 mm for cover. MS Flat 25x5 mm for fixing of sliding door bolt and MS Sheet (12 gauge) 2.50 mm thick for protection of manhole cover of storage tanks including the cost of cutting and welding of MS angle & in RCC slab by drilling holes in MS angle & in RCC Slab, provision for providing and fixing sliding door bolt 300x16 mm MS handle 100 mm, Lock and applying as coat of red lead paint & painting two coat with steel paint (Firoza Blue) complete job in all respect in all leads and lifts and to the entire satisfaction of the Engineer-in-Charge.	2	No.			
10	Providing & placing in horizontal layer filtering media duly graded, screened, washed and cleaned as per specified in all respects as per direction & to the entire satisfaction of the Engineer-in-Charge up to all leads and lifts.					
10.1	Top layer , Fine sand(Eff. Size 0.20mm to 0.40 mm and uniformly coefficient 2 to 3 mm)	15.11	Cum			
10.2	Second layer :Coarse sand 3mm to 6 mm	2.01	Cum			
10.3	Third layer : Bazri 6 mm to 20 mm	2.01	Cum			
10.4	Fourth layer : Bazri 20 mm to 25 mm	2.01	Cum			
10.5	Bottom layer:Broken stone 50 mm to 75mm.	3.02	Cum			
11	Providing and placing 1st. Class standard bricks in filter Bed in two layers so as to make cross drains as per direction & satisfaction of the Engineer- in- charge upto all lead & lifts.	854	Nos.			
12	White washing with lime on undecorated wall surfaces(two coats) to give an even shade I/c thoroughly brooming the surface to remove all dust dirt & other foreign matter.	10.17	Sqmt			
TERMS AND CONDITIONS:-						Total

- 1 Work will be carried out as per HP.PWD/IPH Specifications
- 2 Cement , Steel, GI pipe will be issued to the contractor by the Department Cement @ 4940/Per Tonne & Steel Rs. 4950/- Per Qtl and GI pipe free of Cost at IPH Divisional Store Karsog.
- 3 The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department
- 4 Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge
- 5 Nothing shall be paid for rejected work/substandard work.
- 6 1% Income tax, 2% GST, 1% Labour Cess & 10% security will be deducted from each bill of the contractor

Executive Engineer,
IPH Divison Karsog.

SCHEDULE OF QUANTITY

Name of Work:- CAD for FIS Kayargi in GP Lower Karsog in Tehsil Karsog, Distt. Mandi (HP) (SH:- C/O Pucca Main Channel 2810 Rmt & R/Wall for Development of site)						ESTIMATED	496547.00
						EARNEST	9931.00
						TIME LIMIT:	12 Months.
Sr. No.	Items of work	Quantity	Unit	Rate		Amount	
1	2	3		4	5		
1	Dressing of bed and prepration of sub grade for CC Lining in pick worh with in all lead and lift.	30.50	Sqm				
2	Dressing of Side Slope and prepration of sub grade for CC Lining in pick worh with in all lead and lift.	68.00	Sqm				
3	Cement concrete lining 15 cm thick or less for irrigation channel using cement concrete 1:3:6 (1 cement:3sand:6graded stone aggregate 20mm nominal size) hand mixed concrete Lining in sides, slopes including all leads and lifts						
	(i) Hand mixed conc.in bed	2.01	Cum				
	ii) Hand mixed conc.in Wall	4.50	Cum				
4	Extra allowances for form work in cement lining (side slope)	4.50	Cum				
5	Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil including bailing out water, blasting work in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited in all leads and lifts stacking the excavated earth more than 3mtr.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and disposing of all surplus excavated earth as directed within all leads and lifts and handing over the usable materials available from excavation to department free of cost as per direction of Engineer-in-Charge within all leads and lifts.	26.46	Cum				
6	Providing and laying cement concrete 1:6:12(1cement:6sand:12 graded stone agg.40mm nominal size) and curing complete excluding cost of centering and shuttering including all leads and lifts. a) Foundation and plinth	7.45	Cum				
7	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 etc.with wooden battens and ballies,height of propping and centring below supporting floor to ceiling not exceeding 4 mtrs. and removal of the same for in situ reinforced concrete and plain concrete workin:- vertical wall (any thickness) partation and like i/c attached plaster butresses plinth & spring in all leads and lifts all respect as per direction and to entire satisfation of Engineer - in - charge in vertical surface.	249.66	Sqm				

8	Providing and laying cement concrete 1:5:10 (1Cement :5sand :10 graded crushed stone aggregate 40mm nominal size) with 15% plum and curing complete excluding the cost of form work in retaining wall/ breast wall, the size of plum shall usually be 150 mm to 300mm as per HPPWD specification complete in all respect as per direction and to the entire satisfaction of the Engineer-in-charge upto all lead & lifts.	118.97	Cum			
TERMS AND CONDITIONS:-						Total

- 1 Work will be carried out as per HPPWD/IPH Specifications.
- 2 The contractor shall be responsible for watch and ward the material at site of work.
- 3 The Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge.
- 4 Income tax, GST, Labour Cess & Security will be deducted from each bill of the contractor as applicable.
- 5 Cement Shall be issued by the Department @ 4940/- Per Tonne at I& PH Divisional store Sanarli Karsog.

Executive Engineer,
IPH Divison Karsog.

SCHEDULE OF QUANTITY

<u>Name of Work</u> :- Providing LWSS to NC/PC Habitation Karla Bhartha in GP Dhanyara, Tehsil Nihri, Distt. Mandi (HP) (SH:- P/F Barbed Wire fencing around the civil structure)							ESTIMATED	161670.00
							EARNEST	3233.00
							TIME LIMIT:	3 Months.
Sr. No.	Items of work	Quantity	Unit	Rate		Amount		
1	2	3		4		5		
1	Manufacturing and Supplying of fencing panel of size 2.40mx1.80 m of Jali 25X25mm welded to M.S.black tube of 32mm dia of 14 gauge thick with M.S Flats 20X3mm, including cutting welding, painting with red oxide paint , including hold fast of size 32x5mm flat complete in all respects the jali of 25x25mm should be fixed in 1.80x1.20m. Rendering smooth in Cement concrete 1:4:8 Complete the work should be executed as per the entire satisfaction of the Engineer In charge	40.00	Nos.					
2	Providing Steel work in single sections, i/c cutting,hoisting & fixing in position & applying a priming coat of red paint :-In R.S. joints Channel tees as per direction and satisfaction of the Engineer in Charges with in all leads and lifts .	0.91	Qtl					
TERMS AND CONDITIONS:-							Total	

- 1 The work shall be executed as per PWD/IPH specifications and to the entire satisfaction of the Engineer-in-Charge.
- 2 Cement & Steel will be issued to the contractor by the Deptt. Cement @ 4940/-P.Tonne & Steel Rs.4950/-P/Qtl from IPH Divisional Store Karsog.
- 3 The contractor shall be responsible for watch and ward the material at site of work.
- 4 The final payment will be made after the successful testing of the work.
- 5 Nothing shall be paid for rejected work / below specifications.
- 6 10% security 1% income tax and 1% labour cess shall be deducted from each bill.

Executive Engineer,
IPH Divison Karsog.