

SCHEDULE OF QUANTITY

Name of work:- R/M of WSS Sehri Dangrella in tehsil Dehra Distt. Kangra (HP)
 (Sub-Head:- C/O RCC storage tank of 50000 Ltrs. With flat slab) (Under NCRF)

Estimated cost:-Rs. 238693/-
 Earnest money:-Rs. 4775/-
 Time limit:- Three months.

Sr. No.	Description of Items	Qty.	Rate in Rs.		Unit	Amount
			Figures/	Words		
1	Excavation in foundation, trenches etc. in earth work in all kinds of soil lift upto all height, stacking the excavated soil not more then 3 mtrs. clear from the edge of excavation & then returning the stacked soil in 15cm layers when required into plinth sides of foundation etc.	26.67 Cum			Per cubic meter.	
2	Providing and laying cement concrete 1:3:6(One cement :three sand : six graded stone aggregate 40mm nominal size and curing complete excluding the cost of centering & shuttering in foundation and plinth within all leads and lifts.	2.12 Cum			Per cubic meter.	
3	Providing and laying cement concrete 1:1.5:3 (One cement:one & half sand:three graded stone aggregate 20mm nominal size) and curing complete excluding the cost of form work and					
a)	Foundation, footing bases of columns and the like and mass concrete within all leads and lifts .	3.19 Cum			Per cubic meter.	
b)	Wall (any thickness but not less than 0.10 mtrs.thickness) attached pillasters, buttresses plinth & string courses etc. from top of foundation level upto floor two level within all leads and lifts.	7.39 Cum			Per cubic meter.	
4	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 battons and ballies, height of propping and centring below supporting floor to					
a)	Flat surfaces such as soffits of suspended floor, roofs, landings and the like floor etc. upto 200mm thickness within all leads and lifts.	98.49 Sqm			Per square meter.	
b)	Vertical surface such as walls (any thickness) partitions and the like including attached pillasters,buttresses, plinth and string courses and the like within all leads and lifts.	16.23 Sqm			Per square meter.	
5	Providing in RCC work smooth finishing of the exposed surface with cement motor 1:3(One cement:Three sand) within all leads and lifts.	84.63 Sqm			Per square meter.	

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Sr. No.	Description of Items	Qty.	Rate in Rs.		Unit	Amount
			Figures/	Words		
6	Providing and laying cement concrete 1:2:4 (One cement:two sand: four graded stone aggregate 20mm nominal size) and curing complete excluding the cost of form work and					
a)	Suspended floor, roofs, landing & shelves & their support balconies, beams, girder, bressumers & cantilever upto floor level.	2.08 Cum			Per cubic meter.	
7	Providing tor steel reinforcement for RCC work including bending, binding and placing in position complete upto floor two level within all leads and lifts .	1086.40 Kgs.			Per Kg.	
8	Steel work welded in built up sections, trusses & framed work including cutting, hoisting and fixing in position and applying a priming coat of red paint:- In grating, framed, guards bars, ladders,railing, brackets & similar works within all leads and lifts.	53.20 Kg.			Per Kg.	

9	Laying , jointing & testing of fully flanged G.M.S. tubes (L/M class) with flange table-5 of 80mm dia including fittings (earth work in trenches to be measured and paid for separately) complete	24.00 Rmt.			Per Rmt	
10	Providing & fixing of Kirloskar/Leader make Cast Iron sluice valve 80mm dia Class-PN-1.0 with M.S.flange table-5 conforming to IS:780-1984 latest with uptodate ammendments having seat pressure 10.20Kg./cm ² including nut, bolts and gasket sheet within all leads and lifts.	3.00 Nos.			Each.	
11	Constructing chamber for sluice valve, with C.I.surface box 100mm top dia,160mm bottom dia & 180mm deep(inside) with chained lid RCC top 1:2:4 mix (One cement : Two sand :Four graded stone aggregate 20mm nominal size)100mm thick foundation concrete 1:5:10 (One	3.00 Nos.			Each	

Sr. No.	Description of Items	Qty.	Rate in Rs.		Unit	Amount
			Figures/	Words		
12	Providing and fixing SFRC man hole cover with frame having frames size of 560mm internal dia should not be less than 100Kg. within all leads and lifts.	2.00 Nos			Each	

Total:-

TERMS & CONDITIONS.

- 1 The work shall be executed as per PWD/IPH specifications.
- 2 Security, Income tax, GST & surcharge as applicable under various clauses of form PWD 6 & 8 will be deducted from the each running bill of the contractor & the rates quoted in the SOQ/ BOQ Shall be inclusive of all taxes such as GST, Income tax Labour cess and other taxes leveled by the Govt. from time to time.
- 3 Nothing shall be paid for rejected work/material.
- 4 The cement and steel shall be issued by the Department @ Rs.267/- per bag and Steel @ Rs.5046/ per quintal from Divisional Store Dehra.
- 5 G.I. pipe 50mm dia shall be issued by the Department free of cost from Divisional store Dehra.
- 6 1% cess on account of building and other construction workers as per Act-1996.
- 7 The final payment made to the contractor after completion of work and to the entire satisfaction of Engineer-in-Charge.

**Executive Engineer,
IPH Division, Dehra.**

SCHEDULE OF QUANTITY

Estimated cost:-Rs.390492/-

Name of work:- Providing water facility to Village Ban Chalian and Ballian in tehsil Jawalamukhi Distt. Kangra (HP)
(Under SCSP)

Earnest money:-Rs.7810/-

Time limit:- Three months.

(Sub-Head:- C/o Pump house at Ballian ,Toe wall around pump house First floor and Ground floor)

Sr. No.	Description of Items	Qty.	Rate in Rs.		Unit	Amount
			Figures/	Words		
1	Excavation in foundation, trenches etc. in earth work in all kinds of soil lift upto all height, stacking the excavated soil not more then 3 mtrs. clear from the edge of excavation & then returning the stacked soil in 15cm layers when required into plinth sides of foundation etc.	12.18 Cum			Per cubic meter.	
2	Providing and laying cement concrete 1:4:8(One cement :Four sand : eight graded stone aggregate 40mm nominal size and curing complete excluding the cost of form work centring & shuttering in foundation and plinth within all leads and lifts.	9.10 Cum			Per cubic meter.	
3	Providing and laying cement concrete 1:1.5:3 (One cement:one & half sand:three graded stone aggregate 20mm nominal size) and curing complete excluding the cost of form work and					
a)	Foundation, footing bases of columns and the like and mass concrete within all leads and lifts .	4.45 Cum			Per cubic meter.	
b)	Column, pillars, posts & struts upto floor two level.	2.08 Cum			Per cubic meter.	
c)	Lintels, beams girders bressumers and cantilevers.	3.88 Cum			Per cubic meter.	
d)	Suspended floors, roofs, landings etc. upto floor two level.	8.76 Cum			Per cubic meter.	
4	Providing tor steel reinforcement for RCC work including bending, binding and placing in position complete upto floor two level within all leads and lifts.	1825.00 Kgs.			Per Kg.	
5	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 battons and ballies, height of propping and centring below supporting floor to					
a)	Flat surfaces such as soffits of suspended floor, roofs, landings and the like floor etc. upto 20mm thickness within all leads and lifts.	58.52 Sqm			Per square meter.	

Sr. No.	Description of Items	Qty.	Rate in Rs.		Unit	Amount
			Figures/	Words		
b)	Vertical surface such as walls (any thickness) partitions and the like including attached pillars,buttresses, plinth and string courses and the like within all leads and lifts.	93.75 Sqm			Per square meter.	
6	6 mm thick cement plaster to ceiling in cement mortar 1:3(One cement :three sand) within all leads and lifts .	69.88 Sqm			Per square meter.	
7	20 mm thick cement plaster in single coat on rough side of bricks /stone masonry for interior plastering up to floor two level including arrises, internal rounded angles chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth in cement mortar	102.27 Sqm			Per square meter.	
8	Boulder filling behing Toe wall under fflow within all leads and lifts .	32.01 Cum			Per cubic meter.	
9	Brick work using common burnt clay building bricks in super structure above G.L. to 1st floor level in cement mortar 1:6 (One cement: Six sand) of 2nd class bricks complete within all leads and lifts.	7.83 Cum			Per cubic meter.	
10	Providing and fixing pressed steel doors/windows frame manufacture from commercial mild steel sheet of 1.25mm thickness including hinges jamb, beed and if required angle threshold of mild steel angle of section 50x25mm or base ties of 1.25mm pressed mild steel welded or					
a)	Profile -B	5.15 Rmt.			Per Rmt.	
b)	Profile -C	7.20 Rmt.			Per Rmt.	
11	Providing and fixing glazed and panelled glazed or panelled and glazed shutters for doors windows & clear story windows including black enamelled iron butt hinges with necessary screws 40mm thick 2nd class deodar wood with in all leads and lifts.	3.59 Sqm			Per square meter.	
12	Painting two coats(excluding priming coat on new wood and wood based surface with ready mixed paint brushing the shade including cleraning the surface of dirt, dust and other foreign matter sand papering and stopping with ready mixed paint other than white within all leads and	10.06 Sqm			Per square meter.	

Sr. No.	Description of Items	Qty.	Rate in Rs.		Unit	Amount
			Figures/	Words		
13	40mm thick cement concrete flooring 1:2:4(One cement:two sand: four graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement within all leads and lifts.	12.92 Sqm			Per square meter.	
14	Distemping (two coat) with oil bound washable distemper of approved brand and manufacture and of required shade on un- decorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly	115.53 Sqm			Per square meter.	
15	Providing and fixing alluminium sliding door bolt anodized colour and shade with bolts and nuts screws etc.within all leads and lifts. (200x10mm)	1.00 No			Each	
16	Providing and fixing Alluminium tower bolts (Barrel type) anodized transparent or dyed to required shade and colour with screw etc. within all leads and lifts. (200x10)	4.00 Nos			Each	
17	Providing and fixing alluminium handles anodized transparent or dyed to required colour of shade with necessary screws etc. within all leads and lifts. (100mm)	8.00 Nos			Each	

Total:-

TERMS & CONDITIONS.

- 1 The work shall be executed as per PWD/IPH specifications.
- 2 Security,Income tax,GST & surcharge as applicable under various clauses of form PWD 6 & 8 will be deducted from the each running bill of the contractor & the rates quoted in the SOQ/ BOQ Shall be inclusive of all taxes such as GST, Income tax Labour cess and other taxes leveied by the Govt. from time to time.
- 3 Nothing shall be paid for rejected work/material.
- 4 The cement and steel shall be issued by the Department @ Rs.267/- per bag and Steel @ Rs.5046/- per quintal from Divisional Store Dehra.
- 5 1% cess on account of building and other construction workers as per Act-1996.
- 6 The final payment made to the contractor after completion of work and to the entire satisfaction of Engineer-in-Charge.

**Executive Engineer,
IPH Division, Dehra.**

SCHEDULE OF QUANTITY

Estimated cost:-Rs.168739

Earnest money:-Rs.3380/-

Time limit:- Three months.

Name of work:- R/M of LWSS Bagli Chalali Phase Ist in tehsil Dehra Distt. Kagnra (HP)

(Sub-Head:- Excavation, Laying, Jointing & testing of GI pipe 100 mm dia, P/F MS Flange T-5, P/F CI Non return valve 100mm dia and butt welding for R/main of LWSS Bagli Chalali Phase Ist at RD 950 to 1710) (Under NCRF)

Sr. No.	Description of Items	Qty.	Rate in Rs.		Unit	Amount
			Figures/	Words		
1	Excavation in foundation, trenches etc. in earth work in all kinds of soil lift upto all height, stacking the excavated soil not more then 3 mtrs. clear from the edge of excavation & then returning the stacked soil in 15cm layers when required into plinth sides of foundation etc.	262.20 Cum			Per cubic meter.	
2	Laying , jointing & testing of old dismantled G.M.S. tubes(Medium class) of the following dia including fittings (earth work in trenches to be measured and paid forsepartely) complete within all leads and lifts. 100mm dia (MC)	760.00 Rmt.			Per Rmt.	
3	Providing and fixing of M.S. flanges joint of table-5 as per IS:6392-1971 (latest with upto date ammendments) and welding of M.S.flanges with G.I.pipes be done in two layers on both faces to make the joint leak proof (providing and laying of G.I.pipes to be measured and paid for	20.00 Nos			Each	
4	Providing circumferential butt welded joints by electrical welding to following dia G.I. pipes confirming to IS:1239-1990 (Part-I)/1978-1982 welded in requisite number of welding and the minimum throat thickness of welding confirming to IS:816-1969 specification by using welding	113.00 Nos.			Each.	

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Sr. No.	Description of Items	Qty.	Rate in Rs.		Unit	Amount
			Figures/	Words		
5	Providing & fixing double flanged Cast iron Non return valve Leader/ Kirloskar make and of 100mm dia having bye pass arrangement for Rising main and capable of with standing normal seat pressure 10.20Kg/cm ² and as per IS:5312-1984 with upto date ammendments within all	2.00 Nos			Each	

Total:-**TERMS & CONDITIONS.**

- 1 The work shall be executed as per PWD/IPH specifications.
- 2 Security,Income tax,GST & surcharge as applicable under various clauses of form PWD 6 & 8 will be deducted from the each running bill of the contractor and the rates quoted in the SOQ/ BOQ Shall be inclusive of all taxes such as GST, Income tax Labour cess and other taxes leveied by the Govt. from time to time.
- 3 Nothing shall be paid for rejected work/material.
- 4 The G.I.pipe will be supplied by the Department free of cost from Divisional Store Dehra and all other fittings required at site will be provided by the contractor his own cost.
- 5 The M.S.flange table-5 will be supplied by the contractor on his own cost.
- 6 1% cess on account of building and other construction workers as per Act-1996.
- 7 The final payment shall be released after completion of work and to the entire satisfaction of Engineer-in-Charge.

**Executive Engineer,
IPH Division, Dehra.**