

Schedule of Quantity

Name of work :-Augmentation of WSS Rampur, Rampur Bihal in GP Bran in tehsil and district Kullu
(SH:- C/ORCC Intake chamber ,stand post,storage tank, Filter bed , sedimentation tank & barabed wire
fencing complete)

Estimated Cost Rs.362047/-Only
Earnest Money:- Rs. 7245/-
Time :- six months

Phase-III

S.No	Description of item	Quantity	Rate	Unit	Amount
1	Excavation in foundations,trenches etc.in all kind of soil in all leads and lifts such as pick work,jumper work in saturated/unsaturated soil including bailing out water,blasting work in hard/ soft rock or chiselling in hard/soft rock where blasting is prohibited in all lifts stacking the excavated earth not more than 3 mtrs clear from the edge of excavation and then returning the stacked soil in 15 cm layers when required into plinths sides of foundations etc.,consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed within all leads and lifts and handing over the useable materials available from excavation to department free of cost as per direction of Engineer-in-charge within all leads and lifts	136.66 Cum		Cum	
2	Providing and laying in cement concrete 1:4:8 (1cement 4sand 8 graded stone agg. 40mm nominal size and curing completed excluding cost of form work in foundation and plinth in all leads and lifts	18.51 Cum		Cum	
3	Providing and laying cement concrete work 1:2:4 (1cement 2sand 4 graded stone agg. 20mm nominal size)and curing complete excludeing cost of form work in foundation and plinth within all leads and lifts.	3.135		Cum	
4	Providing and laying cement concrete 1:1-1/2:3)1cement 1-1/2 sand 3 graded stone agg.20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work in all leads and lifts :- a) Foundation and plinth	20.049		Cum	
	b) Wall (any thickness but not less than 0.10 mtrs. Thickness) including attached pillars buttresses, plinth and string courses etc. from top of foundation level upto floor two level.	21.85		Cum	
	c)suspended floor roofs, landings and shelves and their supports balconies, beams, girders, bressumers and cantiliver upto floor two level within all	2.774		Cum	

5	Providing form work with steel plates 3.15 mm thick welded with angles iron in frame 30x30x5mm so as to give a fair finish including centering shuttering and propping etc with wooden battens & ballies height of propping and centring below supporting floor to ceiling not exceeding 4 mtrs.& removal of the same for insitu reinforced concrete & Plain concrete work within all leads and lifts in:- a) Flat surfaces such as soffits of suspended floors roofs, landings and the like floors etc. above 200mm in thickness.	23.49 Sqm	Sqm
	b) Vertical surfaces such as wall (any thickness) partition and the like including attached plaster buttresses plinth and string course and the like circular or curved in plan	265.33 Sqm	Sqm
6	Laying/placing tor steel reinforcement for RCC work including bending, binding and placing in position complete upto floor two level within all leads and lifts.	3128.13 Kg	Kg
7	40mm Cement concrete flooring 1;2;4 (1 cement 2 sand 4 graded stone agg. 20mm nominal size) laid in single layer finished with a floating coat of neat cement within all leads and lifts	24.6 Sqm	Sqm
8	20mm cement plaster in single coat on rough side of stone masonry for interior plastering upto 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 1:3(1cement : 3 sand)within all leads and lifts.	14.68 Sqm.	Sqm
9	Steel work in single sections including cutting,hoisting,fixing in position and applying a priming coat of red lead paint in R.s. joints,channels angles,tees 65x65x6mm angle with in all leads and lifts.	5.054 Qtl.	Qtls.
10	Fixing of galvanised steel barbed wire(IS 278-1962 type)weighting 9.38 kg. 100 mtrs.(minimum)straining and fixing toany type of standard rails straining bolts including re-using with and provision of galvanised mild steel wire slaples or steel pins etc. as directed posts and struts nuts ofward concrete steel etc. and straining bolts shall be paid for separately.	99.18 Rmt.	Rmt.
11	Providing and fixing compound gate of size 1350x900mm fixing in IMAC channel of 75x75mm(1.96M over all)with hinges including gate made of angle iron 40x40x6mm for horizontal and vertical strips respectively welded within all respect including steel old rips size 300x16mm with necessary accessories complete in all rspect including fixing the gate with hold fast and MS plate 40x40x6mm.	2.00 No	Each
12	Fixing of steel fiber reinforcement concrete man hole cover with frame confirming to IS 125-92 Part -III 1991 with latest amendment of EHD 35 extra heavy duty 560mm dia with in all leads and lifts.	5.00 No	each

13	Providing and laying in cement concrete 1:5:10 (1cement 5sand 10 graded stone agg. 40mm nominal size) and curing completed excluding cost of form in foundation and plinth within all leads and lifts	4.50 Cum	Cum
14	Providing and fixing G.I pipe (L-C) for out let and inlet scour pipe and over flow pipe 50mm dia within all leads and lifts	63.00 Rmt	Rmt
15	Providing and fixing sluice valve (with hand wheel) as I.S 780 class-I 40mm dia including brass with bolts nuts rubber etc. within all leads and lifts 50mm dia	18 Nos	each
16	Providing and fixing GI Pipe (L) for stand post 1.50 mtrs. Long i/c making hole for 15mm dia pipe complete in all respect 65mm dia	6.00 No	Rmt
17	Providing and fixing C.P. Brass bib tap with capstain head within all leads and lifts	6.00 No	each
18	Providing and placing in horizontal layer filtering media duly graded screened, washed and cleaned as specified by the Engineer-in-charge. Within all leads and lifts		
i)	Fine Sand (Eff.)Size 0.20 to 0.40 mm and antifamily co-efficient 2.00 to 3.00) approved source	15 Cum	Cum
ii)	2nd Layer Coursed sand screened, cleaned,washed and graded from 3mm to 6mm from approved Source	2 Cum	Cum
iii)	3rd Layer Bajarys screened, washed and graded from 6mm to 20mm from approved source	2 Cum	Cum
iv)	4th Layer Bajarys (screened, washed and graded from 20mm to 25mm from approved source	2 Cum	Cum
v)	Broken stone screening, washed and graded from 50mm to 75mm	5 Cum	Cum

CONDITIONS

- 1 2% Income tax and surcharge on Income tax will be deducted from the every bill.
- 2 Work should be done as per HP.PWD /I&PH specifications.
- 3 10% security will be deducted from the bill.
- 4 Sales tax as applicable will be deducted from the Bill.
- 5 Contr. Will be responsible for watch and ward of the material at site of work till completion and handing over of work to the department.
- 6 No subletting of work will be allowed.
- 7 Cement will be supplied by the department @ Rs. 180/- per bag IPH Store Kullu.
- 8 Pipe/ tor steel & manhole cover will be supplied by the department free of cost at nearest IPH store.

**Executive Engineer,
I&PH Divn.No.I, Kullu**