

SCHEDULE OF QUANTITY					JOB 1		
Name of work:- Providing LWSS to NC PC habi Suresh Pal in GP Khatnol Tehsil Suni Distt Shimla HP					Estimated Cost.Rs. 713486/-		
Sub-Head:- C/O Intake 1No.,RCC Storage tank 11200 Lts cap. and 5000 ltr cap , Sump well 11200 Lts cap., Pump house 1Nos and P/L GMS pipes in Disribution system ,					Earnest Money.Rs. 14300/-		
					Time Limit:-	6Months	
S.No	Description of items.	Quantity.		Rates. In fig.	In Words.	Unit.	Amount.
1	2	3		4	5	6	7
1	Cutting in earth work in all kinds of soil such as pick work,jumper work,blasting work,chiselling in hard/soft rocks where blasting is prohibited and dipsosal of excavated earth upto all leads and lifts complete as per the entire satisfaction of the Engineer-in-charge.	8.06	Cum			Per Cubic Metre.	
2	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 metallad/metalled paved surfaces to its original conditions including caution boards in all respect and to the entire satisfaction of the Engineer-in-Charge.	1027.88	Cum			Per Cubic Mere.	
3	Providing & laying cement concrete work 1:4:8(1cement: 4sand: 8graded stone aggregate 40mm nominal size) & curing complete excluding the cost of form work in foundation & plinth with all leads & lifts as per the direction of Engineer-in-Charge.	6.104	Cum			Per Cubic Mere.	
4	Providing & laying cement concrete work 1:6:12(1cement: 6 sand: 12 graded stone aggregate 40mm nominal size) & curing complete excluding the cost of form work in foundation & plinth with all leads & lifts as per the direction of Engineer-in-Charge.	3.39	Cum			Per Cubic Metre	
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 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)	Foundation footings basis of columns etc & mass concrete	5.24	Sqm.			Per Square Metre	
ii)	Flat surfaces such as soffits of suspended floors,roofs,landings and the like floors etc.upto 200mm in thickness in all leads and lifts.	48.88	Sqm.			Per Square Metre	
iii)	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	48.46	Sqm.			Per Square Metre	
iv)	Edges of slabs & breaks in floors & walls under 20cm wide.	40.98	Rmt			perRmt	

6	Providing and laying cement concrete 1: 1.5 :3 (1cement: 1 1/2 sand: 3graded stone aggregate 20 mm nominal size) and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in :-					
i)	Foundation , footings bases of columns & the like and mass concrete including all leads & lifts.	5.93	Cum			Per Cubic Metre
ii)	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 & lifts.	9.50	Cum			Per Cubic Metre
7	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.	6.38	Cum			Per Cubic Metre
8	Providing tor steel reinforcement for RCC work including bending,binding and placing in position compete upto floor two level in all leads and lifts.	1799.40	kg.			Per Kilogram.
9	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.	81.68	Sqm.			Per Square Metre
10	Providing & fixing C.I. cover (Medium duty) 500mm dia with frame , the weight of cover to be not less then 58Kg .	4	Nos			Each
11	2nd class brick work use in common burnt clay building briks of approved quality in cement mortar 1:6(1cement:6sand) in super -approved quality in cement mortar 1:6(1cement:6sand) in super -structure above plint level up to floor two level including	14.65	Cum			Per Cubic Metre
12	Random rubble masonry /polygonal rubble masonry uncoursed brought to courses)with hard stone of approved quality in foundation and plinth including levelling up with cement concrete 1:6:12(1cement:6 sand:12 graded stone 20mm nominal size)in cement mortar 1:6(1cement:6 sand)in all leads and lifts.	11.35	Cum.			Per Cubic Metre.
13	providing & laying Damp proof course 38 mm thick with cement concrete 1:2:4 (1cement:2 sand: 4graded stone aggregate 12.5 mm nominal size)and curing complete with in all leads & lifts-	5.41	Sqm.			Per Square Metre
14	Applying a coat of hot bitument(mexphalt)80/100 or equivelent using 1.70Kg per sqmt on damp proof course after cleaning the surface with a piece of cloth lightly soaked in cerosene oil with all leads & lifts	5.41	Sqm.			Per Square Metre
15	Providing 2nd class Deodar wood work in frames of doors windows & clear storey windows & other frames wrought framed & fixed in position complete with all leads & lifts	0.34	Cum			Per Cubic Metre.
16	Providing & fixing panelled glazed or panned & panelled & glazed shutters for doors, windows, & clear story windows including blacdk enamelled iron butt hings with necessary screws(40mm thick 2nd in all leads & lifts.clsass deodar wood)	11.75	Sqm.			Per Square Metre

17	20mm cement plaster in single coat on rough side of brick/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 1:6 (1cement:6sand) with in all leads , lifts and carriage of material.	82.50	Sqm.			Per Square Metre
18	6mm cement plaster to ceiling in cement mortar 1:3 (1cement:3sand) with all leads & lifts	29.13	Sqm.			Per Square Metre
19	White washing with lime on un-decorated wall surfaces (2 coats) to give and even shade including throughly bromming the surface to remove all dirt, dust mortar, dirt and other foreign matter in all leads & lifts.	111.63	Sqm.			Per Square Metre
20	Cement concrete flooring 1:2:4(1cement:2sand:4graded stone agregate 20mm nominal size) laid in one layer finished with a floating coat of neat cement(40mm thick) with all leads and lift.	23.25	Sqm.			Per Square Metre
21	Applying priming coat over new wood and wood based surface after and including preparing the surface by thoroughly cleaning oil, grease dirt & other foreign matter sand papering and knotting ready mixedpait brushing in wood primer pink with in all leads & lifts.	24.48	Sqm.			Per Square Metre
22	Painting two coats(Excluding priming coat) on new wood and wood based surface with ready mixed paint brushing to give and even shade including cleaning of all dirt , dust & other foreign matter sand papering and stopping with ready mixed paint othe than white with in all leads & lifts.	24.48	Sqm.			Per Square Metre
23	Providing plinth protection 50mm thick in cement concrete 1:3:6 (1cement:3sand:6graded stone aggregate 20mm nominal size) with in all leads & lifts as per the direction of Engineer-in -Charge.	12.29	Sqm.			Per Square Metre
24	Providing & fixing 40x30mm flat iron hold fast 40cm long including fixing to frame with 10mm dia meter nuts & bolts wooden plug & embendting in cement concrete block 30x10x15cm 1:3:6 (1cement:3sand:6graded stone aggregate 20mm nominal size) with in all leads and lifts.	32	Nos			Each
25	Providing & fixing Anodized Aluminum siliding door bolts with nuts screws etc complete 250x16mm	2	Nos			Each
26	Providing & fixing Anodized Aluminum tower bolts anodized transparent or dyed to required shade and colour with screws etc. complete 250x10mm..	23	Nos			Each
27	Providing & Fixing Anodized Aluminum Handles anodized transparents or dyed to required shade and colour with screws etc. complete.					
	100 mm	18	Nos			Each
28	Boulder filling under flooring for pomp house cum attendant quarter with in all leads and lifts	3.5	Cum			Per Cubic Metre.
29	Providing & fixing MS grills of required pattern in wooden frames of windows etc MS flats, square or round bars with round headed bolts and nuts or by screw, plain grill with in all leads and lifts.	150	kg.			Per/ Kg.

30	Providing ,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)					
i)	40 mm dia	18.00	Rmt.			Per Running Metre.
ii)	20 mm dia	864.00	Rmt.			
iii)	15 mm dia	1780.00	Rmt.			
31	Providing & Fixing Brass fullway valve with wheel of superior quality					
i)	40mm dia	4	Nos			Each
ii)	20 mm dia	3	Nos			Each
iii)	15 mm dia	10	No			Each
32	Dismantling of existing of old GMS pipes					
i)	20 mm dia	570.00	Rmt.			Per Running Metre.
ii)	15 mm dia	900.00	Rmt.			Per Running Metre.
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/-,25mm dia @ Rs 108/- , 40mm dia @ Rs 144/- , 65mm dia @ Rs 311/-
- 8 The sale tax & Income tax will be deducted from every bill.

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