

SCHEDULE OF QUANTITY

Name of work :- Repair and restoration of LWSS Rishta Mishta in anni block Distt Kullu (H.P) (S.H: Repair and maintenance of Pumping Machinery.)		ESTIMATED COST		144463		
		EARNEST MONEY		2889		
		TIME LIMIT:		2 Months		
Sr.No	Description of items.	Quantity	Unit	Rate		Amount.
				In Fig.	In Words	
1	2	3	4	5	6	7

1	Providing and fixing cast steel double flange sluice valve of reputed make such as Bir / Kirloskar/Kartar/Leader make class: - ASA 300, 80mm dia in delivery pipe of pump and capable of withstanding nominal seat pressure as per BIS. As per IS 780 with latest amendments complete in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge	2.00	Nos			
2	Providing and fixing cast steel double flange swing check / non-returning Valve of reputed make such as Bir / Kirloskar/Kartar/Leader make class: - ASA 300, 80mm dia in delivery pipe of pump and capable of withstanding nominal seat pressure as per BIS. As per IS 780 with latest amendments complete in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge	1.00	Nos			
3	Providing and fixing cast steel double flange swing check / non-returning Valve of reputed make such as Bir / Kirloskar/Kartar/Leader make class: - ASA 300, 100mm dia in rising main pipe and capable of withstanding nominal seat pressure as per BIS. As per IS 780 with latest amendments complete in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge	1.00	Nos			
4	Providing and fixing HRC fuse of reputed make such as havel, Kilburn and L&T 200amps cap complete in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge	6.00	Nos			
5	Providing and fixing oil immersed star delta starter of 75 HP capacity of reputed make such as MEI/Kilburn/L&T/ complete including thimbles of suitable capacity with necessary Bolts & Nuts complete in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge	1.00	Nos			
6	Providing and fixing Digital Amp meters of recommended make such as AE/Havels of suitable range with selector switches conforming to BIS 4064-1978 with up-to-date amendments/ relevant code complete in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge	2.00	Nos			
7	Providing and fixing Digital Volta meters of recommended make such as AE/Havels of suitable range with selector switches conforming to BIS 4064-1978 with up-to-date amendments/ relevant code complete in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge	1.00	Nos			

TERMS AND CONDITIONS

- The work shall be executed as per HPPWD/IPH specification and to the entire satisfaction of the Engineer-in-charge.
- The contractor shall be fully responsible for watch and ward of the material at site of work.
- The contractor shall be responsible for any accident caused during the construction of the work and the loss if any will be born the contractor.
- Income Tax, Sale Tax, GST and labour cess shall be deducted from the bill of the contractor as applicable .
- Nothing shall be paid for rejected material.

**Executive Engineer,
I&P.H Division, Anni**

Job No.2

SCHEDULE OF QUANTITY

Name of Work:- Aug. of various WSS under GP Chail, Sarahan, Nore & Rahanoo in Nirmand Block Distt. Kullu HP. (SH: Laying, jointing & testing of GMS pipe 32 mm dia Node No. 4 - 8 from RD 0/2400 to 2400 = 2400 Rmts.) PHASE - III.		Estimated Cost:-	227164.00
		Earnest Money:-	4543.00
		Time:-	3 Months

Sr. No.	Items of work	Qty	Unit	Rate	Amount
1	2	3	4	5	6

- 1 Excavation in foundation and trenches etc.(for pipes & pits) in earth work 594.00 Cum
- 2 Laying, jointing and testing in trenches galvanized mild steel screwed and 32 mm
- 2.1 ##### Rmt

Terms and conditions

- 1 The work shall be executed as per HPPWD/IPH specifications and to the entire satisfaction of the Engineer-in-charge.
- 2 The GI pipe shall be issued by the department free of cost from IPH Store Anni.
- 3 GI fitting shall be provided by the contractor at their own cost.
- 4 Any loss of by way of theft or mishandling to the pipes issued by the Deptt. Shall be liability of the contractor and the recovery shall be effected from the contractor.
- 5 The contractor shall be fully responsible for watch and ward of the material at site of work.
- 6 The contractor shall be responsible for any accident caused during the construction of the work and the loss if any will be born by the contractor.
- 7 Income Tax and labour cess shall be deducted from the bill of the contractor as applicable.

**Executive
Engineer
I&PH Division
Anni**

Job No.3

SCHEDULE OF QUANTITY

Name of Work:- Aug. of various WSS under GP Chail, Sarahan, Nore & Rahanoo in Nirmand Block Distt. Kullu HP. (SH: Laying, jointing & testing of GMS pipe 15 mm dia Node No. 15 - 18 from RD 5700/0 to 1800 = 1800 Rmts.) PHASE - III.	Estimated Cost:-	155577.00
	Earnest Money:-	3112.00
	Time:-	3 Months

Sr. No.	Items of work	Qty	Unit	Rate	Amount
1	2	3	4	5	6

- 1 Excavation in foundation and trenches etc.(for pipes & pits) in earth work 445.50 Cum
- 2 Laying, jointing and testing in trenches galvanized mild steel screwed and
- 2.1 15 mm ##### Rmt.

Terms and conditions

- 1 The work shall be executed as per HPPWD/IPH specifications and to the entire satisfaction of the Engineer-in-charge.
- 2 The GI pipe shall be issued by the department free of cost from IPH Store Anni.
- 3 GI fitting shall be provided by the contractor at their own cost.
- 4 Any loss of by way of theft or mishandling to the pipes issued by the Deptt. Shall be liability of the contractor and the recovery shall be effected from the
- 5 The contractor shall be fully responsible for watch and ward of the material at site of work.
- 6 The contractor shall be responsible for any accident caused during the construction of the work and the loss if any will be born by the contractor.
- 7 Income Tax and labour cess shall be deducted from the bill of the contractor as applicable.

**Executive
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I&PH Division
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Job No.4

SCHEDULE OF QUANTITY

Name of Work:- Aug. of various WSS under GP Chail, Sarahan, Nore & Rahanoo in Nirmand Block Distt. Kullu HP. (SH: Laying, jointing & testing of GMS pipe 20 mm dia Node No. 15 - 16 from RD 5700/0 to 1600 = 1600 Rmts.) PHASE - III.					Estimated Cost:-	140186.00
					Earnest Money:-	2804.00
					Time:-	3 Months
Sr. No.	Items of work	Qty	Unit	Rate	Amount	
1	2	3	4	5	6	

- 1 Excavation in foundation and trenches etc.(for pipes & pits) in earth work 396.00 Cum
2 Laying, jointing and testing in trenches galvanized mild steel screwed and
2.1 20 mm ##### Rmt.

Terms and conditions

- 1 The work shall be executed as per HPPWD/IPH specifications and to the entire satisfaction of the Engineer-in-charge.
- 2 The GI pipe shall be issued by the department free of cost from IPH Store Anni.
- 3 GI fitting shall be provided by the contractor at their own cost.
- 4 Any loss of by way of theft or mishandling to the pipes issued by the Deptt. Shall be liability of the contractor and the recovery shall be effected from the
- 5 The contractor shall be fully responsible for watch and ward of the material at site of work.
- 6 The contractor shall be responsible for any accident caused during the construction of the work and the loss if any will be born by the contractor.
- 7 Income Tax and labour cess shall be deducted from the bill of the contractor as applicable.

**Executive
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Job No.5

SCHEDULE OF QUANTITY

Name of Work:- Aug. of various WSS under GP Chail, Sarahan, Nore & Rahanoo in Nirmand Block Distt. Kullu HP. (SH: Laying, jointing & testing of GMS pipe 20 mm dia Node No. 2 - 14 from RD 4500/0 to 500 = 500 Rmts. & 25 mm dia Node No. 2 - 15 from RD 4500 to 5700 = 1200 Rmts.) PHASE - III.	Estimated Cost:-	159335.00
	Earnest Money:-	3187.00
	Time:-	3 Months

Sr. No.	Items of work	Qty	Unit	Rate	Amount
1	2	3	4	5	6

- 1 Excavation in foundation and trenches etc.(for pipes & pits) in earth work 433.13 Cum
- 2 Laying, jointing and testing in trenches galvanized mild steel screwed and 500.00 Rmt.
- 2.1 25 mm ##### Rmt.

Terms and conditions

- 1 The work shall be executed as per HPPWD/IPH specifications and to the entire satisfaction of the Engineer-in-charge.
- 2 The GI pipe shall be issued by the department free of cost from IPH Store Anni.
- 3 GI fitting shall be provided by the contractor at their own cost.
- 4 Any loss of by way of theft or mishandling to the pipes issued by the Deptt. Shall be liability of the contractor and the recovery shall be effected from the
- 5 The contractor shall be fully responsible for watch and ward of the material at site of work.
- 6 The contractor shall be responsible for any accident caused during the construction of the work and the loss if any will be born by the contractor.
- 7 Income Tax and labour cess shall be deducted from the bill of the contractor as applicable.

**Executive
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SCHEDULE OF QUANTITY

Name of Work:- Aug. of various WSS under GP Chail, Sarahan, Nore & Rahanoo in Nirmand Block Distt. Kullu HP. (SH: Laying, jointing & testing of GMS pipe 25 mm dia Node No. 22 - 23 from RD 1500 to 2750 = 1250 Rmts., 20 mm dia from Node No. 23 - 24 from RD 2750 to 3900 = 1150) PHASE - I.	Estimated Cost:-	217124.00
	Earnest Money:-	4342.00
	Time:-	3 Months

Sr. No.	Items of work	Qty	Unit	Rate	Amount
1	2	3	4	5	6
1	Excavation in foundation and trenches etc.(for pipes & pits) in earth work in all	594.00	Cum		
2	Laying, jointing and testing in trenches galvanized mild steel screwed and	#####	Rmt.		
2.1	25 mm	#####	Rmt.		

Terms and conditions

- 1 The work shall be executed as per HPPWD/IPH specifications and to the entire satisfaction of the Engineer-in-charge.
- 2 The GI pipe shall be issued by the department free of cost from IPH Store Anni.
- 3 GI fitting shall be provided by the contractor at their own cost.
- 4 Any loss of by way of theft or mishandling to the pipes issued by the Deptt. Shall be liability of the contractor and the recovery shall be effected from the
- 5 The contractor shall be fully responsible for watch and ward of the material at site of work.
- 6 The contractor shall be responsible for any accident caused during the construction of the work and the loss if any will be born by the contractor.
- 7 Income Tax and labour cess shall be deducted from the bill of the contractor as applicable.

**Executive
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Job No.7

SCHEDULE OF QUANTITY

Name of work :- PWSS to village Tharidhar in G.P sargha in Nirmand block Distt. Kullu (H.P) (S.H: C/O Nallah Intake, C/O Storage Tank 10000Ltr. Capacity, laying, jointing G.I Pipe of various dia & Fencing.)		ESTIMATED COST	279746.00			
		EARNEST MONEY	5595.00			
		TIME LIMIT:	2 Months			
Sr. No	Description of items.	Quantity	Unit	Rate		Amount
				In Fig.	In Words	
1	2	3	4	5	6	7

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 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 complete to the entire satisfaction of Engineer-in-charge.	342.84	Cum			
2	Providing and laying cement concrete 1:4:8(1cement: 4sand: 8 graded stone agg.40mm nominal size) and curing complete excluding cost of centering and shuttering including all leads and lifts complete to the entire satisfaction of Engineer-in-charge. a) Foundation and plinth.	3.01	Cum			
3	Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work including all leads and lifts in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge. a)Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like a) Foundation footing , basis of columns and the like and mass concrete. b) Walls (any thickness) but not less that 0.10 Mtrs. hick including attached pilasters buttresses plinth and string course from top of foundation upto floor two levels.	3.31	Cum			
4	Providing and laying cement concrete 1:2:4(1cement: 2sand: 4 graded stone agg.20mm nominal size) and curing complete excluding cost of centering and shuttering including all leads and lifts complete to the entire satisfaction of Engineer-in-charge. a) Foundation and plinth b) Suspended floors roofs, landings and shelves and their supports, balconies, beams, girders, bressumers and cantilevers upto floor two level c) Columns, pillars posts and struts upto floor two level.	0.22	Cum			
5	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4mtrs.and removal of the same for in situ reinforced concrete and plain concrete work including all leads and lifts complete to the entire satisfaction of Engineer-in-charge. a)Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course all leads and lifts complete to the entire satisfaction of Engineer-in-charge.	55.88	Sqm			

	b) Flat surface such as soffits and suspended floors, roofs, landings and the like: Floors etc. up to 200mm in thickness within all leads and lifts	7.25 Sqm
	c) Edge of slab and breaks in floors and walls under 20 cm. wide with in all leads and lifts.	8.10 Rmt.
6	Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge.	621.55 Kg
7	Providing and placing in horizontal layer filtering media duly graded, screened, washed and cleaned as specified below by the Engineer-in-Charge within all leads and lifts complete to the entire satisfaction of Engineer-in-charge.	
	a) Bottom layer broken stone 50 mm to 75 mm	0.56 Cum
8	Providing and laying No fine concrete in 1:4(1cement:4stone aggregate 40mm nominal size) and curing complete with weep hole or pores etc. curing complete excluding cost of form work and reinforcement for reinforced concrete work including all leads and lifts complete to the entire satisfaction of Engineer-in-charge.	0.20 Cum
9	Random Rubble masonry /polygonal rubble un-coursed /brought two coat with hard stone of approved quality in foundation and plinth including leveling up cement concrete 1:6:12(1cement: 6sand: 12graded stone agg.20mm nominal size) in plinth level/super structure including all leads and lifts complete to the entire satisfaction of Engineer-in-charge.	0.73 Cum.
10	C/O Dry rubble masonry in breast wall/ retaining wall, and revetment walls and parapet wall etc. including all leads and lifts complete to the entire satisfaction of Engineer-in-charge.	0.61 Cum
11	10mm cement plaster in single coat on fair side of brick/concrete walls 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) including all leads and lifts complete to the entire satisfaction of Engineer-in-charge.	4.82 Per sqm
12	Providing RCC work smooth finishing of the exposed surface eith cement mortar 1:3 (1cement : 3Sand) including all leads and lifts complete to the entire satisfaction of Engineer-in-charge.	2.40 Cum
13	Fixing of 1.80 mtr. High barbed wire fencing with 2.50mtr high RCC fencing post with 6mm bar nibs as per approved design. Earth work to be measured and paid seperately including all leads and lifts in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge	9.00 No
14	Fixing galvanised barbed wire 9.38kg/100m barbed wire fencing nine horizontal lines and two diagonals including cost of RCC post and barbed wire complete in all respect as per the direction of Engineer-in-Charge.	19.00 Rmt.
15	Providing and fixing iron gate steel work in single section cutting manufactured from steel iron section of 40x40x5mm thickness including hinges jamb beed and required angle threshold of mild steel angle 50x25mm welded as per direction by the Engineer-in-Charge.	1.00 Kg
16	Laying GI Pipe (light grade) tube fittings in trenches i/c earth work including all leads and lifts complete to the entire satisfaction of Engineer-in-charge.	
	a) inlet Pipe :- 25mm	6.00 Rmt.
	b) Outlet pipe :- 20mm	12.00 Rmt.

- 17 P/F cast Iron Sluice valves including all leads and lifts complete to the entire satisfaction of Engineer-in-charge. 1.00 No
- a) 25mm 0.35 Per Qtl
- 18 Providing and fixing Man Hole cover with frame of MS Sheet and angle size 450x450 mm (Weight of Man Hole not less than 35kg including all leads and lifts complete to the entire satisfaction of Engineer-in-charge. 1.00 No
- 19 Providing and Fixing (SFRC) manhole cover and frame conforming ot IS-code and specification of size 500mm diameter including all leads and lifts in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge 1.00 No
- 20 Laying, jointing and testing in trenches galvanized mild steel screwed and socketed /flanged pipes of following diameter and class, tube fittings in trenches i/c carriage of pipes from Sub-Divisional Store to site of work.(Earth work in trenches to be measured and paid for separately) complete in all respect and to the entire satisfaction of the Engineer-in-charge: (LR):
- a) 25 mm dia 950.00 Rmt
- a) 20 mm dia 300.00 Rmt
- a) 15 mm dia 300.00 Rmt

Total	0.00
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TERMS AND CONDITIONS

- 1 The work shall be executed as per HPPWD/IPH specification and to the entire satisfaction of the Engineer-in-charge.
- 2 The contractor shall be fully responsible for watch and ward of the material at site of work.
- 3 Cement shall be issued by the department to the contractor @ 312/- per bag & Tor Steel 4921/ Qtl from Sub-Divisional Store, Anni on proper
- 4 The contractor shall be responsible for any accident caused during the construction of the work and the loss if any will be born the contractor.
- 5 Income Tax, Sale Tax, GST and labour cess shall be deducted from the bill of the contractor as applicable .
- 6 Nothing shall be paid for rejected material.
- 7 GI Pipe shall be issued by the Department free of cost from Sub-Division Store Anni against on proper indent.

**Executive Engineer,
I&P.H Division, Anni**

Job No.8

SCHEDULE OF QUANTITY

Name of work :- Stock Storage in anni block Distt. Kullu (H.P) (S.H: C/O Barbed wire fencing, M/S gate and Chowkidhar Room at divisional Store at Roha.)	ESTIMATED COST	191192.00
	EARNEST MONEY	3824.00
	TIME LIMIT:	2 Months

Sr.No	Description of items.	Quantity	Unit	Rate		Amount.
				In Fig.	In Words	
1	2	3	4	5	6	7
1	Excavation in earth work and disposal of all excavated earth upto a lead of 20 metres and lift upto 1.50 metres, disposed earth to be levelled and neatly dressed: complete with in all lead & lifts and to the entire satisfaction of the Engineer-in-Charge.	3.85	Cum			
2	Providing and laying cement concrete 1:6:12(1cement: 6 sand: 12 graded stone agg.40mm nominal size) and curing complete excluding cost of centering and shuttering including complete in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge. a) Foundation and plinth	0.45	Cum			
3	Providing and laying cement concrete 1:4:8(1cement: 4sand: 8 graded stone agg.40mm nominal size) and curing complete excluding cost of centering and shuttering with in all leads and lifts as per the entire satisfaction & direction of the Engineer - in - Charge. a) Foundation and plinth.	2.88	Cum			
4	Random rubble masonry/Polygonal rubble masonry (coursed or brought to courses with hard stones of approved quality in foundation and plinth including levelling up with cement concrete 1:6:12 in cement mortar 1:6 (1 cement : 6 sand) with in all leads and lifts as per the entire satisfaction & direction of the Engineer - in - Charge.	11.37	Cum			
5	1st class Brick work using comman burnt clay building bricks in super structure up to floor two level First class brick in cement motor 1:6 (1cement:6 sand) with in all leads and lifts as per the entire satisfaction & direction of the Engineer in charge.	5.18	Sqm			
6	Providing woodwork in frames of doors,windows,clerestory,windows and other frames wrought, framed and fixed in position including entire carriage of material as per satisfaction of Engineer in charge.	0.18	Sqm			
7	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4mtrs.and removal of the same for in situ reinforced concrete and plain concrete work including all respect as per direction and to the entire satisfaction of the Engineer-in-Charge.					
	a)Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like	8.28	Sqm.			
	b) Flat surface such as soffits and suspended floors, roofs, landings and the like: Floors etc. up to 200mm in thickness within all leads and lifts	5.76	Sqm			
	c) Edge of slab and breaks in floors and walls under 20 cm. wide with in all leads and lifts.	15.04	Rmt.			
8	Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge.	122.09	Kg			
9	Providing and laying reinforcement 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 including all leads and lifts a) For slab	1.41	Cum			
	b) vertical surface	0.62	Cum			

10	Stone soling properly hand packed filling interstices with spalls and consolidating with power road roller to the required gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. 100mm spread thickness (finished work including materials and labour) within all leads and lifts and as per directed by the Engineer-in-charge.	0.86 Cum
11	Cement concrete flooring 1:2:4 (1Cement2Sand:4graded stone aggregate 20mm nominal size) laid in one layer finished with a floating coat of neat Cement, 40mm thick including all leads and lifts in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge.	5.76 Sqm
12	Providing and fixing panelled glazed or panelled and glazed shutters for doors, windows and clerestory windows i/c bright 2nd class deodar wood 40mm thick including entire carriage of material as per satisfaction of E-in-charge.	5.88 Sq.m
13	Providing and fixing wire gauze shutters using galvanised MS wire gauze of IS gauze designation 85 G with wire diameter 0.56mm for doors, windows, clerestory windows I/c bright finished black enamelled iron hinges with necessary screws 30 mm thick 2nd class deodar wood with in all leads and lifts as per the entire satisfaction & direction of the Engineer - in - Charge. 2nd class deodar wood.	5.88 Sq.m
14	15 mm thick cement plaster on fair sides of brick/stone masonry concrete walls for interior plastering upto floor two level including arises internal rounded angles not exceeding 80mm girth in cement mortar 1:6 (1cement:6sand) with in all leads and lifts as per the entire satisfaction & direction of the Engineer - in - Charge.	20.04 Sq.m
15	20mm thick cement plaster on rough sides of brick/stone masonry concrete walls for interior plastering upto floor two level including arises internal rounded angles not exceeding 80mm girth in cm 1:6 (1 cement:6 Sand) with in all leads and lifts as per the entire satisfaction & direction of the Engineer - in - Charge.	26.84 Sq.m
16	6mm thick cement plaster in CM 1:3 (1cement 3 sand in roof slabs) with in all leads and lifts as per the entire satisfaction & direction of the Engineer - in - Charge.	14.14 Sq.m
17	White washing with lime on undecorated wall surfaces (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust mortar dust and other foreign matter with in all leads and lifts as per the entire satisfaction & direction of the Engineer - in - Charge.	61.02 Sqm
18	Distemper (two coats) with oil bound washable distemper of approved brand and manufacturing and of required shade on undecorated wall surface on all floor to give an even shade including thoroughly brooming the surface to remove all dirt, dust mortar dust and other foreign matter with in all leads and lifts as per the entire satisfaction & direction of the Engineer - in - Charge.	46.88 Sqm
19	Providing and fixing anodised MS sliding door bolts with bolts and nuts screws etc. complete and as per direction & satisfaction of the Engineer- in-charge upto all lead & lifts. 250x16 mm.	1.00 Nos
20	Providing and fixing anodised MS tower bolts (barrel type) with screws etc. complete and as per direction & satisfaction of the Engineer- in- charge a) 150x10 mm	7.00 Nos
21	Providing ad fixing anodised MS handles with necessary screws etc. complete as per direction & satisfaction of the Engineer- in- charge upto all lead & lifts. 125 mm.	7.00 Nos
22	Providing 40x3 mm flat iron hold fast 40cm. Long including fixing to frame with 10mm dia metres bolts, nuts and wooden plug and embedding in cement concrete block 30x10x15cm. 1:3:6(1 cement: 3sand :6 graded stone att. 20mm nominal size) within all leads and lifts and as directed by the Engineer-in-charge.	14.00 Nos
23	Fixing of 1.80 Mtrs. high fencing with 2.50Mtrs.angle iron posts 2.5Mtrs..centre to centre with nine horizontal line and two diagonals of galvanized steel barbed wire (IS: 278-1962 Type-I) weighting 9.38 Kg./ per 100Mtrs.strained fixed to posts with G.I. staples, i/c painting of posts complete cost of post, struts, and storing bolts shall be paid for separately i/c all leads and lifts.	23.00 No

- 24 Fixing galvanised barbed wire 9.38kg/100m barbed wire fencing nine horizontal lines and two diagonals including cost of RCC post and barbed wire complete in all respect as per the direction of Engineer-in-Charge. 58.00 Rmt.
- 25 Steel work welded in built up section reinforcement for RCC & framed work i/c cutting, hoisting & fixing in position & applying a priming coat of red paint:- In grating, framed, guards, bars ladders, railing, brackets & similar works with in all leads and lifts as per the entire satisfaction & direction of the Engineer - in - Charge. 79.96 Kg

TERMS AND CONDITIONS

Total

- 1 The work shall be executed as per HPPWD/IPH specification and to the entire satisfaction of the Engineer-in-charge.
- 2 The contractor shall be fully responsible for watch and ward of the material at site of work.
- 3 The contractor shall be responsible for any accident caused during the construction of the work and the loss if any will be born the contractor.
- 4 Income Tax, Sale Tax, GST and labour cess shall be deducted from the bill of the contractor as applicable .
- 5 Cement shall be issued by the department to the contractor @ 312/- per bag & Tor Steel 4921/ Qtl from Sub-Divisional Store, Anni on proper
- 6 Nothing shall be paid for rejected material.

**Executive
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Anni**