						JOB NO. 1
	SCHEDULE OF QUANTITY					
Name of	f work:- A/R & M/O Aug. of WSS Nirmand in Nirmand block Distt. Kullu (H.P) (SH: C/O Wire Crate at Domehli.)				ESTIMATED COST	143864.00
					EARNEST MONEY	2877.00
					TIME LIMIT:	3 Months.
Sr. No	Description of items.	Quantity	Unit		Rate	Amount
			Unit	In Fig.	In Words	Amount.
1	2	3	4	5	6	7
	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 in all respect within all lead and lifts as per the direction of Engineer-in-Charge.		Cum			
	Wire crates made of G.I.wire filled with boulders with square cut faces against the wire, (Boulder filling to be measured and paid for separately) i/c all leads and lifts. (a) G.I.Wire 5mm thick corresponding to SWG-6(15Cmx15cm.Mesh).all leads and lifts as per the direction of Engineer-in-Charge.		Sqm.			
	Wire crate made of G.I wire filled with boulders with square cut faces against the wire (Wire crate to be measured and paid for separately)in all leads and lifts as per the direction of Engineer-in-Charge.	70.31	Cum			
	Stone Boulder filling behind the R/Wall complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.	14.06	Cum			
	TERMS AND CONDITIONS					
1	The work shall be executed as per HPPWD/IPH specification and to the entire satisfaction of the Enginer-in-charge.			!		
2	The contrator shall be fully responsible for watch and ward of the material at site of work.					
3	The contrator shall be responsible for any accident caused during the construction of the work and the loss if any will be be	orn the con	tractor.			
4	Income Tax, Sale Tax, GST and labour cess shall be deducted from the bill of the contractor as applicable .					
5	Nothing shall be paid for rejected material.					
						Executive Engineer,
						I&P.H Division, Anni

SCHEDULE OF QUANTITY

Name of work: A/R & M/O WSS Nichly shirty dhamah kutal in GP Nither and Durah in Nirmand block Distt Kullu (H.P) (S.H: C/O Wire crate for protection of source, C/O Intake Chamber & C/O Collection Chamber.)

ESTIMATED COST 125688.00

EARNEST MONEY 2514.00

TIME LIMIT: 2 Months.

JOB NO. 2

				l'	TIME LIMIT:	2 Months.	
Sr. No	Description of items.	Quantity	Unit		Rate	Amount	
			Unit	In Fig.	In Words	Amount.	
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 in all respect within all lead and lifts as per the direction of Engineer-in-Charge.	4.11	Cum				
2	Providing and laying cement concrete 1:4:8(1cement: 4sand: 8 graded stone agg.40mm nominal size) and curing c complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge a) Foundation and plinth.	0.75	Cum				
3	Providing and laying cement concrete 1:1.5:3 (1cement:1.5 sand : 3graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work and re-inforcement for reinforced concrete work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.						
3.1	Foundations, footings, basis of columns & the like and mass concrete.	0.58	Cum				
3.2	Wall (any thickness but not less than 0.1 m thickness) attached pillasters, buttresses, plinth and string courses, etc. from top of foundation level upto floor two level.		Cum				
3.3	Suspended Floor roofs, landing and shelves and their support balconies ,beams, girders, bressumers and contilever upto floor two level		Cum				
4	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 complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.						
5.1	Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like	33.25	Sqm.				
5.2	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	3.08	Sqm				
6	Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.	204.75	Kg				
7	Fixing of MS Fabricated Protection Panel 750 mm x750mm made with MS Angle 40 x40 x4 mm for frame, MS Angle 30x30 x3 mm for cover. MS Flat 25 x5mm for fixing of sliding door bolt and MS Sheet( 12gauge) 2.50 mm thick for protection of manhole covers 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 300 x16mm MS Handle 100 mm, Lock and applying a coat of red lead paint & painting two coat with steel paint (Firoza Blue) complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.	5.00	No				
8	Wire crates made of G.I.wire filled with boulders with square cut faces against the wire, (Boulder filling to be measured and paid for separately) i/c all leads and lifts. (a) G.I.Wire 5mm thick corresponding to SWG-6(15Cmx15cm.Mesh).all leads and lifts as per the direction of Engineer-in-Charge.	46.88	Sqm.				
9	Wire crate made of G.I wire filled with boulders with square cut faces against the wire (Wire crate to be measured and paid for separately)in all leads and lifts as per the direction of Engineer-in-Charge.	23.44	Cum				
	TERMS AND CONDITIONS					1	
1 2	The work shall be executed as per HPPWD/IPH specification and to the entire satisfaction of the Enginer-in-charge.  The contrator shall be fully responsible for watch and ward of the material at site of work.	l	1				
3	Cement shall be issued by the department to the contractor @ 312/- per bag & Tor Steel 4921/ Qtl from Sub-Divisional Sto	ore, Anni o	n prope	r Indent.			
4	The contrator shall be responsible for any accident caused during the construction of the work and the loss if any will be be	orn the cont	ractor.	Т		1	
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 wire shall be issued by the Department free of cost from Sub-Division Store Anni against on proper indent.			1			
						Executive Engine &P.H Division. A	

JOB NO. 3 SCHEDULE OF QUANTITY Name of work: - A/R & M/O LWSS to NC/PC habitation of G.P Shilli, Gamog, Lot, Durah, Nither, Dehra, Palehi in Anni and Nirmand block Distt. ESTIMATED COST 193239.00 Kullu (H.P) (SH: Replacement of filter media and RCC jacketing of filter bed 2-units.) EARNEST MONEY 3865.00 TIME LIMIT: 2 MONTHS. Sr. No Description of items. Quantity Unit Rate **Amount** Unit In Fig. In Words Amount. 1 5 6 Providing and placing in horizontal layer filtering media duly graded, screened, washed and cleaned as specified below complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. Top layer: Fine sand (Eff.size 0.20mm to 0.40 mm & uniformity coefficient 2.00 to 3.00) 55.44 Cum 1.2 2nd layer :Coarse sand 3mm to 6 mm 9.24 Cum 1.3 Third layer: Bazri 6 mm to 20 mm 9.24 Cum Fourth layer: Bazri 20 mm to 25 mm 9.24 Cum Bottom layer broken stone 50 mm to 75 mm 13.86 Cum 1.5 Replacement of filter media 2.1 Top layer: Fine sand (Eff.size 0.20mm to 0.40 mm & uniformity coefficient 2.00 to 3.00) 46.20 Cum 2nd layer :Coarse sand 3mm to 6 mm 4.62 Cum 2.2 Third layer: Bazri 6 mm to 20 mm 9.24 Cum 2.3 2.4 Fourth layer: Bazri 20 mm to 25 mm 9.24 Cum Bottom layer broken stone 50 mm to 75 mm 13.86 Cum 2.5 Providing and placing in horizontal layer filtering media duly graded, screened, washed and cleaned as specified below complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. Top layer: Fine sand (Eff.size 0.20mm to 0.40 mm & uniformity coefficient 2.00 to 3.00) 23.10 Cum 2nd layer :Coarse sand 3mm to 6 mm 4.62 Cum 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 complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. Foundation footing, basis of columns and the like and mass concrete. 7.25 Cum 4.1 Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position 289.80 Kg complete up to floor two level complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. TERMS AND CONDITIONS The work shall be executed as per HPPWD/IPH specification and to the entire satisfaction of the Enginer-in-charge. The contrator shall be fully responsible for watch and ward of the material at site of work. The contrator shall be responsible for any accident caused during the construction of the work and the loss if any will be born the contractor. 3 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. Cement shall be issued by the department to the contractor @ 312/- per bag & Tor Steel 4921/ Qtl from Sub-Divisional Store on proper Indent. Executive Engineer, I&P.H Division, Anni

## SCHEDULE OF QUANTITY

Name of work: - A/R & M/O various WSS under I&PH section Arsu in Nirmand block Distt Kullu (H.P) (S.H: C/O RCC Intake Nallah source = 6 No's.)

ESTIMATED COST 345133.00

EARNEST MONEY 6903.00

TIME LIMIT: 1 Month.

JOB NO. 4

	TIME LIMIT:				1 Month.	
Sr. No	Description of items.	Quantity	Unit		Rate	Amount
			Unit	In Fig.	In Words	
1	2	3	4	5	6	7
1	Fixing of MS Tank 270 ltr. Capcity at various water supply source which include carriage of MS Tank from Arsu sectional store to site of work, excavation at site and constructiong foundation of 1:5:10 plum concrete, painting of MS tank, Providing and fixing locks complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.	6.00	Nos			
2	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 in all respect within all lead and lifts as per the direction of Engineer-in-Charge.		Cum			
3	Providing and laying cement concrete 1:4:8(1cement: 4sand: 8 graded stone agg.40mm nominal size) and curing c complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge a) Foundation and plinth.	4.02	Cum			
4	Providing and laying cement concrete 1:1.5:3 (1cement:1.5 sand : 3graded stone aggregate 20mm nominal size)and curing complete excluding cost of form work and re-inforcement for reinforced concrete work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.					
4.1	Foundations, footings, basis of columns & the like and mass concrete.	4.02	Cum			
4.2	Wall (any thickness but not less than 0.1 m thickness) attached pillasters, buttresses, plinth and string courses, etc. from top of foundation level upto floor two level.		Cum			
5	Providing and laying cement concrete 1:2:4(1 cement:2 sand :4 graded stone aggregate 40mm nominal size)and curing complete excluding cost of form work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.					
5.1	Suspended Floor roofs, landing and shelves and their support balconies ,beams, girders, bressumers and contilever upto floor two level	1.98	Cum			
6	Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.	1107.00	Kg			
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 complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.					
7.1	Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like	93.60	Sqm.			
7.2	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					
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.		Cum			
9	Laying Jointing of G.I Pipe (:light grade) tube fitting in trenches I/c earth work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. (Inlet, Oulet & Scour pipe) (L.R)					
9.1	25mm	72.00	Rmt.			
9.2	32mm	36.00				
9.3	40mm	36.00				<u> </u>

10	Fixing of MS Fabricated Protection Panel 750 mm x750mm made with MS Angle 40 x40 x4 mm for frame, MS Angle 30x30 x3 mm for cover. MS Flat 25 x5mm for fixing of sliding door bolt and MS Sheet( 12gauge) 2.50 mm thick for protection of manhole covers 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 300 x16mm MS Handle 100 mm, Lock and applying a coat of red lead paint & painting two coat with steel paint (Firoza Blue) complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.(LR)		No			
	TERMS AND CONDITIONS					
1	The work shall be executed as per HPPWD/IPH specification and to the entire satisfaction of the Enginer-in-charge.				.t	
2	The contrator 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 Sto	ore, Anni or	n prope	r Indent.		
4	The contrator shall be responsible for any accident caused during the construction of the work and the loss if any will be be	orn the cont	ractor.			
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.					
					Exc	ecutive Engineer,
					I&P	.H Division, Anni

						JOB NO. 5
	SCHEDULE OF QUANTITY			T======		
	DF WORK:- Tapping Additional pipe line to Jaban Namhog and its Sub Village Gadgharat in Anni Block Distt. Kull	u (H.P.) (SI	H:	ESTIMAT EARNEST	ED COST	151606.00
ainting	and Sanitary Fitting in Type-II Quarter).			TIME LIN		3032.00 3 Months
Sr. No	Description of items.	Qty	Unit	Rate		o months
	·			In Fig.	In Words	Amount.
1	2	_	4	5	6	7
1	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.	563.32	Sqm			
2	Distempering(one coat) with oil bound washable distemper of approved brand and manufature & of required shade,on decorated wall surfaces to give an even shade,after thoroughly brushing the surface clean of all grease,dirt,loose pieces of scales and also including preparing the surface even and sand papered smooth complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.	309.15	Sqm			
3	Finishing wall with water profing cement paint of approved brand and manufacture and of rerquired shade on undecorated wall surfaces (two coats) to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.	254.16	Sqm			
4	Applying priming coat over new wood and wood based surfaces after and including preparing the surface by throughly cleaning oil grease & dirt and other foreigm matter	39.85	Sqm			
5	Painting two coats(excluding priming coat) on new wood and wood based surfaces with ready mixed paint brushing to give even shade including cleaning all dirt, dust and other foreign matters white paint complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.	39.85	Sqm			
6	Providing & fixing WC Pan universal type with PVC seat cover i/c necessarry screws, bolts &nuts complete in all respect including all leads and lifts	2	Each			
7	Providing and fixing PVC water storage tank 1000 Ltrscomplete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
8	Providing & fixing PVC Cistern of 10 Ltrs Cap. i/c necessarry screw, bolts & nuts complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
9	Providing & fixing Viterious China wash basin complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
10	Providing & fixing Viterious China Pedestal complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
11	Providing and fixing CP Brass waste for wash basin complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
12	Providing and fixing Bevelled Edge mirror complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
13	Providing and fixing Towel rail complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
14	Providing and fixing Soap Tray complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
15	Providing and fixing CP Brass pillar tap complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
16	Providing and fixing CP Brass Long Body Bib Cock complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
17	Providing and fixing CP Brass Short Body Bib Cock complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
18	Providing and fixing Stainless Steel sink complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
19	Providing and fixing GI Pipe 15mm dia i/c all fittings complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Rmts			
	Providing and fixing PVC Pipe 110mm complete of any standard make like Finlex, Supreme etc complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.	-	Rmts			
21	Providing and fixing PVC Bend 110mm complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
22	Providing and fixing PVC Tee 110mm complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
	Providing and fixing PVC Coupler 110mm complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
24	Providing and fixing PVC Pipe 75mm complete of any standard make like Finlex, Supreme etc in all respect including all leads and lifts		Rmts			
25	Providing and fixing PVC Bend 75mm complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
26	Providing and fixing PVC Tee 75mm complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
27	Providing and fixing PVC Coupler 75mm complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
28	Providing and fixing Floor Trap complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
29	Providing and fixing PVC Connection complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.		Each			
30	Providing and fixing Angle Cock complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.	17	Each			

	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 contractor shall be fully responsible for watch and ward of the material at site of work.			
3	The material shall be used of ISI Marked/ reputed make.			
4	All taxes like income Tax, GST and labour cess shall be deducted from the bill of the contractor as applicable.			
			Executive Engineer	
			I&PH Division Anni	

						JOB NO. 6
	SCHEDULE OF QUANTITY					300 110.0
Name o	f work :- Tapping additional source to LWSS Deem, Dobha and Marheri in G.P Deem, Kote and Arsu in Nirmand	block Dist	t. Kullu	ı (H.P)	ESTIMATED COST	421959.00
	O RCC Intake Chamber and relaying, jointing and testing of G.I pipe of 125mm and 100mm with Butt welding an					
` ,		Ü		,	EARNEST MONEY	8439.00
					TIME LIMIT:	3 Months.
Sr. No	Description of items.	Quantity			Rate	Amount
1		3	Unit 4	In Fig.	In Words	Amount.
1	Excavation in foundation and 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 15cm 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.	595.15		5	6	1
2	Providing and laying cement concrete 1:4:8(1cement: 4sand: 8 graded stone agg.40mm nominal size) and curing c complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge a) Foundation and plinth.	0.43	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 complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.					
3.1	Foundation footing , basis of columns and the like and mass concrete.	0.28	Cum			
3.2	Walls (any thickness) but not less that 0.10 Mtrs. thick including attached pilasters buttresses plinth and string course	0.66	Cum			
	from top of foundation upto floor two levels.					
4	Providing and laying cement concrete work 1:2:4 (1 Cement:2 Sand:4 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.					
4.1	Suspended floor, roof, landing, balconies, shelves and thwir supports balconies, beams girder bressumers and cantilevers upto floor two level.	0.20	Cum			
5	Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.	79.80	Kg			
6	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 complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.					
6.1	Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like	11.20	Sqm.			
6.2	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	1.95	Sqm			
6.3	Edges of slabs and breaks in floors and walls Under 20 cm. wide.Detail of cost for 12		Rmt.			
7	Laying Jointing of G.I Pipe (;light grade) tube fitting in trenches I/c earth work complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. (L.R)					
7.1	Inlet, Outlet & Scour pipe - 100mm	15.00	Rmt.			
8	Providing and fixing Gun Metal Gate Valves ordinary spilt, taper edge, non rising spindle gate valves of class-I for cold service (temp not exceeding 45 degree C) screwed type as per IS 778-1984 in 32mm dia (ISI Maked) complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.					

1.00 Each 1.00 No

Inlet, Outlet & Scour - 25mm

respect within all lead and lifts as per the direction of Engineer-in-Charge.

Fixing of MS Fabricated Protection Panel 750 mm x750mm made with MS Angle 40 x40 x4 mm for frame, MS Angle 30x30 x3 mm for cover. MS Flat 25 x5mm for fixing of sliding door bolt and MS Sheet( 12gauge) 2.50 mm thick for protection of manhole covers 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 300 x16mm MS Handle 100 mm, Lock and applying a coat of red lead paint & painting two coat with steel paint (Firoza Blue) complete in all

10	Relaying, jointing (by way of circumfrential butt welded joints by electrical arc welding) and testing of Galvanised mild steel tubes (GI Pipes) of following dia meters confirming to BIS 1239-2001 (latest with upto date amendments) having wall thickness as per code with bevelled / plain ends in a random length of 4 to 7 meters, including manufacturing reducers/ tapers, all short pieces, bends etc. as per site requirement made from parent tubes. The laying of pipe will include all operation such as cutting, welding, jointing, fabrication of bends, tees etc. including lowering and laying in excavated trenches to ensure required level including flushing, cleaning and hydraulic testing complete in all respects to the satisfaction of the Engineer in charge. The fabricated bends shall have three or four cuts having its radius not less than five times the dia of pipe. The damaged portion of the pipes and specials made form the parent tube during welding or otherwise shall be provided anticorrosive treatment by applying two coats of anticorrosive bituminous paint over a priming coat as per AWWA specifications C-203-1978. The welding electrodes shall be as per IS 814 of Advani Oerlikon/ L&T or ISI marked make. The rates also includes entire carriage of material, flushing, cleaning & hydraulic testing complete to the best satisfaction & direction of Engineer in charge with in all leads and lifts. (Earth work in trenches will be measured and paid for separately).					
10.1	125mm dia (M/G)	390.00	Rmt			
10.2	100 mm dia (L/G)	1410.00				
11	Relaying, jointing and testing in trenches to be levelled to grades, GI flanged pipes of following diameter confirming to IS:1239-1990( Part-II) having minimum wall thickness as per IS code and class of pipes specified below, The MS flanges shall confirm to BIS 6392-1971 (with latest up to date amendments) welded at both ends according to relevant BIS standards and detailed specifications i/c provision of nut & bolts of required sizes, 3mm thick compressed asbestos fiber jointing gasket / synthetic rubber gasket confirming to relevant BIS codes including all kinds of flanged short pieces, bends, tees & other specials etc made from parent tubes & welded with flanges of required tables as applicable for the particular reach as per site conditions including flushing, cleaning & hydraulic testing complete in all respect as per direction and to the entire satisfaction of the Engineer-in-Charge. 100 mm dia.(L/G)	360.00	Each			
	TERMS AND CONDITIONS					
1	The work shall be executed as per HPPWD/IPH specification and to the entire satisfaction of the Enginer-in-charge.					
2	The contrator shall be fully responsible for watch and ward of the material at site of work.					
3	The contrator shall be responsible for any accident/incedent caused during the construction of the work and the loss if any	will be born	n the c	ontractor.		
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 Stor	re on prope	r Indei	ıt.		
6	Nothing shall be paid for rejected material.					
7	GI Pipe shall be issued by the Department free of cost from Sub-Division Store against on proper indent.					
					E	xecutive Engineer,
					I&	P.H Division, Anni

			_	T		
						JOB NO. 7
	SCHEDULE OF QUANTITY					
NAME (	OF WORK:- PWSS to PC habitation Arsu & Arsu Town in Nirmand Block District. Kullu (SH: C/O Wire crate = 10 mtrs	s ).		ESTIMA'	TED COST	141004.00
		•		EARNES	T MONEY	2820.00
				TIME LI	MIT:	3 Months
Sr. No	Description of items.	Qty	Unit	Rate		
				In Fig.	In Words	Amount.
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	13.1	Cum			
	earth to be levelled and neatly dressed: complete with in all lead & lifts and to the entire satisfaction of the Engineer-in-Charge.					
2	Wire crates made of G.I.wire filled with boulders with square cut faces against the wire, (Boulder filling to be measured	187.	50 Sqm.			
	and paid for separately) i/c all leads and lifts. (a) G.I.Wire 5mm thick corresponding to SWG-6(15Cmx15cm.Mesh).					
3	Wire crate made of G.I wire filled with boulders with square cut faces against the wire (Wire crate to be measured and	46.8	38 Cum			
	paid for separately)in all leads and lifts as per the direction of Engineer-in-Charge.					
4	Boulder filling behind the R/wall/under channel bed including all leads and lifts	2.	15 Cum			
	TERMS AND CONDITIONS					
1	Work will be carried out as per HP.PWD/IPH Specifications			•		'
2	The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department					
3	Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge					
4	1% Income tax, GST as applicable, 1% Labour Cess & 10% Security will be deducted from each bill of the contractor					
5	Boulder used for filling crates shall generly confirm to specification No 3.31 Dimension of boulder shall be not less than 15 or	cm and w	eight of	boulder sh	all not less than 18 Kg.	
6	G.I Wire shall be issued by the department fee of cost.					
						Executive Engineer,
						I&P.H Division, Anni

						Job No.8
	SCHEDULE OF QUANTITY					
	OF WORK:- A/R & M/O WSS Nichly Shirty Dhamah Kutal in GP Nither and Durah in Nirmand block Distt. Kullu (I jointing and testing of GI pipe 25mm dia from RD 0/0 to RD 1550 = 1550 Rmt .)	H.P) (SH:		ESTIMATE	ED COST	121157.00
<i>U</i>				EARNEST	MONEY	2423.00
				TIME LIMI	T:	3 Months
Sr. No	Description of items.	Qty	Unit	Rate		
			Unit	Figur	In Words	Amount.
1	2	3	4	5	6	7
1	Excavation in foundation,trenches(for pipes & pits) up to all depths in all classification of earth work such as pick work,jumper work,saturated soil including bailing out water, blasting soft/hard rock or chiseling soft/hard rock where blasting is prohibited in all lifts including trimming & dressing of sides, levelling of beds to correct grade i/c shoring/strutting, planking, timbering & dewatering wherever required, stacking the excavated soil clear from the edge of excavation returning the excavated soil after laying jointing testing of pipes in trenches in 15 Cm layers including consolidating of each deposited layer by ramming & watering & then disposing of all surplus Excavated soil/unusable material as directed with in all leads & lifts including restoration of unmetalled surfaces to its original condition & including cost of diversion for traffic,night signals, fixing caution boards, crossing over trenches for access to houses, fencing etc. complete in all respects with in all leads & lifts as per the entire satisfaction & directions of engineer in charge.	313.88	Cum			
2	Laying, jointing & testing of G.I pipe (LC) of following diameter including all kind of fitting required at site of work such as G.I union, Elbwo, Tee, short pieces & nipple etc. complete in all respects within all leads and lifts as per direction of the Engineer-in-Charge					
2.1	25 mm dai (LC)	1550	Mts			
	TERMS AND CONDITIONS					
1	Work will be carried out as per HP.PWD/IPH Specifications					
2	The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the de	partment				
3	1% Income tax, 1% Labour Cess & 10% security and GSt applicable will be deducted from each bill of the contract	ctor				
4	G.I. pipes shall be issued by the department free of cost at I&PH Divisional store Anni against proper indent.					
5	All GI Fitting as per ISI specification will be procured /arranged by the cont. at his own cost.					
				Ex	xecutive Engineer,	
					P.H. Division Anni	