

SCHEDULE OF QUANTITY

Name of work :- A/R & M/O LWSS to NC/PC habitation opf GP Shilli Gamog, Lot Durah Neether Dehra in Anni & Nirmand Block Distt. Kullu H.P [SH:- C/O RCC Anchor Block in gravity main]		ESTIMATED COST	165242.00
		EARNEST MONEY	3305.00
		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 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.	3.60	Cum			
2	Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone aggregate of 40mm nominal size)and curing complete excluding cost of form work including all leads and lifts: a) Foundation and Plinth.	2.40	Cum			
3	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) 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.	11.42	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.					
a	Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like	46.66	Sqm			
5	Placing &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.: a) Tor steel	571.00	Kg			

TOTAL:-**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 The cement/Tor Steel shall be issued by the department to the contractor @ 312/- per bag & tor steel 4921/ Qtl from Divisional Store, Anni on proper Indent.
- 5 The material such as stone, stone aggregate, sand etc. shall be got approved before supply to site of work by the contractor from the Engineer-in-Charge
- 6 1% Income tax, GST as applicable, 1% Labour Cess & 10% security will be deducted from each bill of the contractor

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

SCHEDULE OF QUANTITY

Name of work :- A/R & M/O WSS Tarapur Kharga in GP Kharga in Nirmand Block Distt. Kullu (H.P) (SH: Resanding and Placing of new sand infiltrer units.)		ESTIMATED COST	138909.00
		EARNEST MONEY	2778.00
		TIME LIMIT:	2 months
Sr.no	Description of items.	Quantity	Unit
		Rate	
		In Fig.	In Words
1	2	3	4
		5	6
		Amount	
		7	

1	Removal of sturated sand from filter units (Top layer of fine dand and stack properley with in 20m lead for washing and cleaning etc complete in all respect as per the direction of Engineer-in-charge.	14.306	Cum
2	Placing in horizontal layer filtering media duly gradedm screenedm washed and cleaned fine sand as specified by Engineer in charge within all leads and lifts as per the direction of Engineer in charge. (Clean sand after washing and grading.)	8.583	Cum
3	Providing and placing in horizontal layer filtering media duly graded, screened, washed and cleaned fine sand as specified by Engineer in charge within all leads and lifts as per the direction of Engineer in charge. Top layer:- Fine sand (Eff. Size .20mm to .40mm and uniformaly co-eff. 2.00-3.00 from approved quarry in all leads and lifts (new)	27.183	Cum
4	Clearing jungle including uprooting of rank vegetation, grass, bush, wood trees and sapling of girth upto 30cm measured at 1m above ground and removal of rubbish upto a distance of 20m outside the periphery of the area cleared: upto 30cm girth: sqm	95.74	Sqm
a	C/O Dry rubble masonry in breast wall and retaining walls/revetments wall and parapets etc.	11.250	Cum

TOTAL;-**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/incedent 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 relected material.

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

SCHEDULE OF QUANTITY						
NAME OF WORK:- Aug. of WSS Dalash Ph-II in G.P Soidhar in in Anni Block Distt. Kullu (Laying, jointing and testing of GI pipe 50mm =2850 mts, 40mm=400mts, 32mm dia = 300Rmt, 25mm dia = 600Rmt, (under Jal Jeevan Mission.)				ESTIMATED COST		378093.00
				EARNEST MONEY		7562.00
				TIME LIMIT:		3 Months
Sr. No	Description of items.	Qty	Unit	Rate		Amount.
				In Fig.	In Words	
1	2	3	4	5	6	7

1	Excavation in foundation and trenches (For pipes and pits) up to all depths and in all classification of earth work such as pick work, jumper work, situated soil including bailing or pumping out of water, blasting soft or hard rock or chiseling or wedging out of soft/hard rock where blasting is prohibited, in all lifts including trimming and dressing of sides, labeling of beds to correct grade including shoring, strutting, planking, timbering and dewatering wherever required. Stacking usable and unusable material /soil separately and after lying jointing and testing of pipes, returning the usable soil in 15cm layers by ramming and watering and then disposing of all surplus excavated soil/ unusable material as directed with in all leads/ lifts including restoration of un-metalled surfaces to its original conditions and including cost of diversion for traffic, night signal boards, fixing caution boards, crossing over trenches for access to houses, fencing etc. Complete in all respects within all lee\ads and lifts as per direction of the Engineer-in-Charge.	645.75	Cum			
2	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 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:					
2.1	G.I pipe 50mm dia.(LC) S/S	2850.00	Rmt			
2.2	G.I pipe 40mm dia.(LC) S/S	400.00	Rmt			
2.3	G.I pipe 32mm dia.(LC) S/S	300.00	Rmt			
2.4	G.I pipe 25mm dia.(LC) S/S	600.00	Rmt			

Total

*Executive Engineer,
Jal Shakti Division, Anni*

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/incedent caused during the construction of the work and the loss if any will be born the contractor.
- Nothing shall be paid for rejected material.
- GI Pipe shall be issued by the Department free of cost from Division Store against on proper indent.
- 1% Income tax, 1% Labour Cess & 10% security and GST applicable will be deducted from each bill of the contractor
- All GI Fitting as per ISI specification will be procured /arranged by the cont. at his own cost.

*Executive Engineer,
Jal Shakti Division, Anni*

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
NAME OF WORK:- Augmentation of WSS Rista Mista and Sodha Nallah in Anni Block Distt. Kullu (SH: C/O Sector Storage Tanks at Node A2= 10000 Ltr cap., Laying, jointing and testing of G.I pipe 32mm =600mts, and Providing & Installation of functional water tap connection for 63 households under (Jal Jeevan Mission.) PHASE-I				ESTIMATED COST		223191
				EARNEST MONEY		4464
				TIME LIMIT:		6 Months
Sr. No	Description of items.	Qty	Unit	Rate		
				In Fig.	In Words	Amount.
1	2	3	4	5	6	7
1	Excavation in foundation and trenches (For pipes and pits) up to all depths and in all classification of earth work such as pick work, jumper work, situated soil including bailing or pumping out of water, blasting soft or hard rock or chiseling or wedging out of soft/hard rock where blasting is prohibited, in all lifts including trimming and dressing of sides, labeling of beds to correct grade including shoring, strutting, planking, timbering and dewatering wherever required. Stacking usable and unusable material /soil separately and after lying jointing and testing of pipes, returning the usable soil in 15cm layers by ramming and watering and then disposing of all surplus excavated soil/ unusable material as directed with in all leads/ lifts including restoration of un-metalled surfaces to its original conditions and including cost of diversion for traffic, night signal boards, fixing caution boards, crossing over trenches for access to houses, fencing etc. Complete in all respects within all leads and lifts as per direction of the Engineer-in-Charge.	106.22	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 complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. a) Foundation and plinth.	0.96	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.	0.96	Cum			
3.2	Walls (any thickness) but not less that 0.10 Mtrs. thick including attached pilasters buttresses plinth and string course from top of foundation upto floor two levels.	4.24	Cum			
4.0	Providing and laying cement concrete 1:2 :4(1cement:2 sand:4graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete workin Suspended floor, roof, landing, balconies, shelves and thwir supports balconies, beams girder bressumers and cantilevers upto floor two level, complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.	0.64	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 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	42.43	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	4.80	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.	409.00	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.	1.00	No
8	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 & Outlet pipe - 50mm	6.00	Rmt.
9	Fixing CI Sluice valve (with hand wheel) as per IS : 780-1984 class-I upto 300mm dia.(i/c brass spindle & as per 2906-1984class-II for dia. 300 mm) in outlet, Scour and inlet pipe of G.I With M.S flange T-5 i/c welding and fix the sluice valve with flanged pipe complete with bolts nuts,rubber insertion etc.,complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge. for Scour pipe/ Out let pipe / inlet pipe	1.00	No
10	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: G.I pipe 32mm dia. (LC) S/S	600.00	Rmt
11	Providing and installation drinking water house hold connection from main service pipe line with 15mm dia inclusive of laying and jointing GI pipe (Screwed and socketed) and all kinds of tube fittings such as GI Elbow,union,nipples,6mm ferrule ,bib cock etc. complete in all respect within all leads and lifts as per the direction of Engineer in charge.		
12.0	Laying and jointing and testing of GMS tube (LC) 15mm from main service pipe line with in all leads and lifts upto permises of consumer i/c cost of cutting preparing of main line from where connection is to be provided in all respect as per the direction of Engineer in charge. GI Pipe 15mm dia.	1386	Rmt.
13.0	Providing and fixing of all fixtures (such as tee,union, elbow, ferrule,bib cock etc) for installation functional water tap to each house/consumer within all leads and lifts as per the direction of Engineer-in-charge. (63Nos household)	63.00	Each

Total	0
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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 The contractor shall be responsible for any accident/incident caused during the construction of the work and the loss if any will be born the contractor.
- 4 Cement shall be issued by the department to the contractor @ 312/- per bag & Tor Steel 4921/ Qtl from Sub-Divisional Store on proper indent.
- 5 Nothing shall be paid for rejected material.
- 6 GI Pipe shall be issued by the Department free of cost from Sub-Division Store against on proper indent.
- 7 1% Income tax, 1% Labour Cess & 10% security and GST applicable will be deducted from each bill of the contractor
- 8 All GI Fitting as per ISI specification will be procured /arranged by the cont. at his own cost.

**Executive Engineer,
Jal Shakti Division, Anni**

SCHEDULE OF QUANTITY

Name of Work :- Repair & restoration of LWSS To NC/PC Habitation of GP Shilli Gamog Lot Durah Nither Dehra in Anni & Nirmand Block Distt Kullu HP (SH:-Dismantaling of GI flanged pipe 50mm dia 1000Rmt. and relaying of GI pipe 50mm dia 600Rmt and Laying Jointing & Testing of G.I pipe 50mm dia 400 Rmt .From RD 300-1400 =1100 Rmt]	ESTIMATED COST	376829.00
	EARNEST MONEY	7537.00
	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 Dismantaling of old G.I flanged pipe 50mm dia complete In All respect as per entire Satisfaction of Engineer in Charge (from shady portion and snow bound area) 1000.00 Rmt
- 2 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. 247.50 Cum
- 3 Relaying of old G.I flanged pipe50mm dia complete In All respect as per entire Satisfaction of Engineer in Charge 600.00 Rmt
- 4 Providing, Laying, Jointing and testing in trenches to be levelled to grades, G.I Flanged pipes of following Dia. Confirming to IS - 1239-1990 (Part 2) having min. wall thickness as per IS code and class of pipes specified below, provided and jointed with flanges cconfirming to tables as specified below of BIS 6392-1971 welded at both ends a/c relevent BIS standard and detailed specificatons and provided with nut and bolts of req. size , 3 mm thick compressed asbostos fiber jointing casket/ synthatic rubber gasket confirming to relevent BIS code including all kinds of flanged short pieces, bend s, tees and other special etc. made from parent tube and welded with flanges of tables as applicable for the particular reach as per site conditions including flushing , cleaning and hydraulic testing as per direction of Engineer in Charge. **In stage 4**

RD

from	to	length	Dia	Steel Grade	wall thickness	Table	Total length (@5%)		
600	1000	400	50mm	H	4.50 mm	17	20 Rmt	20.00	Rmt

- 4 Providing laying and binding (By way of circumferental butt welding by electrical arc welding) and testing of galvanised mild steel tube G.I pipe of following Dia. Confirming to BIS 1239-2001 (Latest with upto date ammendements having wall thickness as per code with bevelled / Plain ends in a random length of 4 to 7 Mtrs. including mfg. reducers/ tapers all the pieces , bends etc. as per site requirement made from parent tube. The laying of will includes all operation such as Cutting , welding , jointing , fabrication of bends , tee etc. including lowering and laying in excavated trenches to ensure required level including flushing and cleaning anad hydrullic testing complete in all respectto the satisfaction of the Engineer in Charge. the fabricated bend shall have three or four cuts having its radius not less than five times the dia. of ppe . the damaged portion of the pipe end special made form the parent tube during welding or otherwise shall be provided anti corrosive treatment by applying two coats of anti corrosive bitumens paint over a priming coat as per AWWA specifications C- 203 -1978. the welding electric shall be Aas per IS 814 of advani Oerlkon / L&T or ISI markd make . The rate also includes entire carriage of material, flushing, cleaning , hydraulic testing complete to the best satisfaction and direction of Enginner in Charge with in all leads and lifts .(Earth work in trenches will be measured and paid for separately.

RD

from	to	length	Dia	Steel Grade	wall thickness	Table	Total length (@95%)
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600 1000 400 50mm H 4.50 mm 17 380 Rmt 380.00 Rmt

TOTAL;- 0.00

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 The cement/Tor Steel shall be issued by the department to the contractor @ 312/- per bag & tor steel 4921/ Qtl from Divisional Store, Anni on proper Indent.
- 5 The material such as stone, stone aggregate, sand etc. shall be got approved before supply to site of work by the contractor from the Engineer-in-Charge
- 6 1% Income tax, GST as applicable, 1% Labour Cess & 10% security will be deducted from each bill of the contractor

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

SCHEDULE OF QUANTITY

NAME OF WORK:- Aug. of WSS Karshaigad in GP Takrahi and Lagouti in Anni Block Dist.t kullu (H.P) (SH: C/O Sector Storage Tank 10000 Ltr. Cap. At Node 1 (B) & 16000 Ltr. Cap at node (G) (Under JJM.)		ESTIMATED COST		400337.00		
		EARNEST MONEY		8007.00		
		TIME LIMIT:		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 foundation and trenches (For pipes and pits) up to all depths and in all classification of earth work such as pick work, jumper work, situated soil including bailing or pumping out of water, blasting soft or hard rock or chiseling or wedging out of soft/hard rock where blasting is prohibited, in all lifts including trimming and dressing of sides, labeling of beds to correct grade including shoring, strutting, planking, timbering and dewatering wherever required. Stacking usable and unusable material /soil separately and after lying jointing and testing of pipes, returning the usable soil in 15cm layers by ramming and watering and then disposing of all surplus excavated soil/ unusable material as directed with in all leads/ lifts including restoration of un-metalled surfaces to its original conditions and including cost of diversion for traffic, night signal boards, fixing caution boards, crossing over trenches for access to houses, fencing etc. Complete in all respects within all leads and lifts as per direction of the Engineer-in-Charge.	35.250	Cum			
2	Providing and laying cement concrete 1:3:6(1cement: 3sand: 6 graded stone agg.40mm nominal size) and curing complete excluding cost of centering and shuttering including all leads and lifts. a) Foundation and plinth.	2.710	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.	3.940	Cum			
3.2	Walls (any thickness) but not less that 0.10 Mtrs. thick including attached pilasters buttresses plinth and string course from top of foundation upto floor two levels.	10.750	Cum			
3.3	Suspended floor, roof, landing, balconies, shelves and thwir supports balconies, beams girder bressumers and cantilevers upto floor two level.	1.650	Cum			
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 including all leads and lifts:					
6.1	a)Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like	112.12	Sqm.			
6.2	b)Flat surfaces such as soffits of suspended floors, roofs landings and the like. Floors etc upto 200mm in thickness	10.44	Sqm.			
5	Providng & 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.: a) Tor steel	1404.00	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.	2.00 No	
8	Laying, jointing of GI pipe (light Grade) tube fitting in trenches i/c GI fittings required during L/J of pipe complete in all respect within all leads and lifts as per the direction of Engineer-in-charge.		
8.1	G.I Pipe :- 65mm	18.00 Rmt.	
8.1	G.I Pipe :- 65mm	24.00 Rmt.	
8	Fixing CI Sluice valve (with hand wheel) as per IS : 780-1984 class-I upto 300mm dia.(i/c brass spindle & as per 2906-1984class-II for dia.> 300 mm) in outlet, Scour and inlet pipe of G.I With M.S flange T-5 i/c welding and fix the sluice valve with flanged pipe complete with bolts nuts,rubber insertion etc.,complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.		
	65mm dia PN-1	2.00 Nos	
	50mm dia PN-2	4.00 Nos	

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 The contractor shall be responsible for any accident/incident 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 on proper Indent.
- 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.

**Executive Engineer,
Jal Shakti Division, Anni**

SCHEDULE OF QUANTITY

Name of work :- Tapping Additional to WSS Digerh G/O Villages in GP Bishladhar & Muhan in Anni Block Distt Kullu H.P.[SH:laying, jointing & testing in trenches GI pipe 50mm dia from Point B to E = 300 Rmt, B to C' = 1600 Rmt]				ESTIMATED COST		252815.00
				EARNEST MONEY		5056.00
				TIME LIMIT:		2 Months
Sr. No	Description of items.	Qty	Unit	Rate		Amount.
				In Fig.	In Words	
1	2	3	4	5	6	7

- | | | | | | | |
|-----|--|--------|-----|--|--|--|
| 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. | 448.88 | Cum | | | |
| 2 | 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: | | | | | |
| 2.1 | 50mm dia. | 1900 | Rmt | | | |

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 The cement/Tor Steel shall be issued by the department to the contractor @ 312/- per bag & tor steel 4921/ Qtl from Divisional Store, Anni on proper indent.
- 5 The material such as stone, stone aggregate, sand etc. shall be got approved before supply to site of work by the contractor from the Engineer-in-Charge
- 6 1% Income tax, GST as applicable, 1% Labour Cess & 10% security will be deducted from each bill of the contractor
- 7 All the fitting required at site will be procured by contractor on his own cost.

**Executive Engineer,
Jal Shakti Division, Anni**

SCHEDULE OF QUANTITY							
NAME OF WORK:- PLWSS to NC/PC habitation of Nishani, Kuikod, Togi, Garahana etc in Anni Block District Kullu (H.P) (SH: C/O RCC Foundation for Motors in 1st and 2nd Stage.)					ESTIMATED COST		204460.00
					EARNEST MONEY		4089.00
					TIME LIMIT:		2 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 earth to be levelled and neatly dressed complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.	16.38	Cum				
2	Providing and laying cement concrete 1:4:8(1cement: 4sand: 8 graded stone agg.40mm nominal size) and curing complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.	2.34	Cum				
3	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.						
3.1	Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like	26.88	Sqm.				
4	Providing and laying cement concrete 1:2:4 (1Cement2Sand:4graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work and reinforcement complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.						
4.1	Walls (any thickness) but not less that 0.10 Mtrs. thick including attached pilasters buttresses plinth and string course from top of foundation upto floor two levels.	18.72	Cum				
5	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.: a) Tor steel	655.20	Kg				

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 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 Indent.
- 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.

**Executive Engineer,
Jal Shakti Divn. Anni**

SCHEDULE OF QUANTITY						
Name of work :- PWSS to NC/PC habitation in GP Chowai and shilli in Anni Block Distt. Kullu (H.P) (SH: C/O Retaining wall (1:5:10 plum concrete protection behind sump well = 6mtr. Laying, jointing and testing of GI pipe 100mm dia = 120Rmt, 80mm dia = 60Rmt, from source to filter bed.)					ESTIMATED COST	102736.00
					EARNEST MONEY	2055.00
					TIME LIMIT:	2 Months
Sr. No	Description of items.	Quantity	Unit	Rate		Amount
1	2	3	4	In Fig.	In Words	7
1	Cutting in all kinds of soil such as kankar, moorum, shingle boulders decomposed of soft rock or any such mixed in other variety of soil or rocks including filling in embankments where necessary including ramming and watering etc. stacking of serviceable materials complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.	3.60	Cum			
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.	39.29	Cum			
3	Providing and laying cement concrete 1:6:12(1cement: 6sand: 12 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	0.99	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.					
4.1	Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like	15.76	Sqm.			
5	Providing and laying cement concrete 1:5:10(1cement:5sand:10 graded stone aggregate of 40mm nominal size) with 15% plum and curing complete excluding cost of form work in retaining walls/breast walls, the size of plums shall usually be 150mm to 300mm complete in all respect within all lead and lifts as per the direction of Engineer-in-Charge.	11.73	Cum			
6	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):					
6.1	100mm dia.	120.00	Rmt			
6.2	80mm dia.	60.00	Rmt			

TERMS AND CONDITIONS

- The work shall be executed as per HPPWD/IPH specification and to the entire satisfaction of the Enginer-in-charge.
- The contractor shall be fully responsible for watch and ward of the material at site of work.
- Cement shall be issued by the department to the contractor @ 312/- per bag & Tor Steel 4921/ Qtl from Sub-Divisional Store, Anni on proper Indent.
- 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.
- GI Pipe shall be issued by the Department free of cost from Sub-Division Store against on proper indent.

**Executive Engineer,
Jal Shakti Divn. Anni**

SCHEDULE OF QUANTITY

Name of work :- Repair and maintenance of Assistant Engineer Office and residential colony JE- type II Quarter at Neether in Nirmand Block distt Kullu H.P. [Sanitary Fitting]					ESTIMATED COST	123240.00
					EARNEST MONEY	2465.00
					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	Providing and placing (at all heights) polyethylene water storage tank ISI : 12701 marked indicating the BIS License No. with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes including all fittings and float valve excluding the base support for tank [Sintex, Electroplast, Star, Lotus or equivalent having valid ISI license]. 500 Ltrs. capacity	2.00	Each			
2	Providing and fixing vitreous china wash, down water closet (European type. W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement: 1 sand). Seat and cover to be measured and paid for seperately. Anglo Indian Universal closet.	2.00	Each			
3	Providing and fixing plastic seat and cover for wash down water closet with C.P. brass hinges and rubber buffers: White plastic seat and cover, solid type.	2.00	Each			
4	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.10 litre capacity - White	2.00	Each			
5	Providing and fixing PVC / G.I. inlet connection for flush pipe connecting with W.C. pan.	2.00	Each			
6	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.	6.00	Each			
7	Providing and fixing C.P. brass angle valve of standard design and of approved make, 15mm nominal bore.	6.00	Each			
8	Poviding and fixing pillar cock of standard design and of approved make,15mm nominal bore	2.00	Each			
9	Providing and fixing C.P. water jet including connection pipe with check nut complete in all respect	2.00	Each			
10	Providing and fixing 110 mm dia high pressure PVC spigot & socket waste and ventilating pipe ISI marked including fixing with approved adhesive etc complete incuding carriage of material within all leads and lifts and other incidentals.	30.00	Rmt.			
11	Providing and fixing 110 mm PVC plain bend ISI marked including fixing with approved adhesive etc complete incuding carriage of material within all leads and lifts and other incidentals.	6.00	Each			
12	Providing and fixing 110 mm PVC collar ISI marked including fixing with approved adhesive etc complete incuding carriage of material within all leads and lifts and other incidentals.	8.00	Each			
13	Providing and fixing 110 mm PVC Cowl ISI marked including fixing with approved adhesive etc complete incuding carriage of material within all leads and lifts and other incidentals.	6.00	Each			
14	Providing and fixing 110 mm dia floor trap ISI marked of self cleansing design including fixing with approved adhesive etc, cost of cutting in making good the wall and floors etc. complete 110 mm 90 mm incuding carriage of material within all leads and lifts and other incidentals.	3.00	Each			
15	Provinc and fixing viterous china wash basin with single holwe for pillar tap with cast iron or mild steel brackets, apinted white excluding fitting flat back 630x450 mm incuding carriage of material within all leads and lifts and other incidentals.	2.00	Each			
16	Providing and fixing 110 mm dia PVC coupler ISI marked including fixing with approved adhesive etc, complete including carriage of material within all leads and lifts and other incidentals.	4.00	Rmt.			
17	Providing and fixing PVC pipes of 10 Kg f/Sq.cm working pressure including fittings as per requirement at site complete in all respect in all leads and lifts and to the entire satisfaction of Engineer-in-charge .110 mm OD	100.00	Each			
18	P/F 600mm x 450 mm bevelled edge mirror of superior glass mounted on 6mm thick AC sheet or plywood sheet and fixed to woodern plugs with CP brass screws and washers including carriage of material within all leads and lifts and other incidentals.	2.00	Sqm.			

- 20 Distempering (Two coats)with oil bound washable distemper of approved brand and manufacture and of required shade on decorated wall surface to give an even shade , after thoroughly brushing the surface to remove all grease, dirt, loose pieces of scales and also including preparing the surface even and sand papered smooth complete in all respect within all leads and lifts as per the entire satisfaction and direction of Enginbeer in charge. 224.95 Sqm.
- 21 White glazed tiles 6mm thick in flooring steps & landing laid on a bed and carriage of material 12mm thick mortar 1:3 finished with flush pointing in white cement ncluding carriage of material woithin all leads and lifts and other incidentals 22.69 Sqm.

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 Cement shall be issued by the department to the contractor @ 312/- per bag from Sub-Divisional Store, Nirmand on proper Indent.
- 4 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.
- 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.

***Executive Engineer,
Jal Shakti Division, Anni***