

SCHEDULE OF QUANTITY									
Name of Work :- Improvement & Augmentation of WSS Kathyandhar & Swar Dallah Ghogardhar in (SH:- Laying, Jointing, Testing & Carriage of GI pipe Node No. K to W = 800 Rmt 40 mm dia from RD 0 to 800)							Estimated Cost :- Rs.	1,14,617	/- Only
							Earnest Money :- Rs.	2,300	/- Only
							Time :-	Three	Months
Sr. No.	Description of Items	Quantity		Rate		Unit	Amount		
				In Figures	In Words				
1	Excavation in foundation and trenches etc. (for pipes and pits) upto all depths in all kinds of soil such as pick work, jumper work, blasting and chiselling soft / hard rocks where blasting is prohibited in all leads and lifts including jumper work, blasting and chiselling soft / hard rocks where blasting is prohibited in all leads and lifts including trimming and dressing of sides, levelling of bed, to correct excavation and returning the stacked soil after laying, jointing and testing of GI pipes in trenches in 15 cm layers including consolidating each deposited layer by ramming, watering and then disposing of all surplus excavated soil as directed in all leads / lifts and soring strutting, timbering and dewatering where ever required including restoration of unmetalled/metalled paved surface of its original conditions including cost of diversion for traffic night signals fixing caution boards and fencing etc. complete in all respect as per direction of the Engineer-in-Charge.	198	Cum			Per Cubic Metre			
2	Laying , jointing, testing & Carriage of galvanised steel tube fittings in trenches of following dia (L) class (Earth work in trenches to be measured and paid for separately).								
	i) 40 mm diametre	800	Rmt			Per Running Metre			
TERMS AND CONDITIONS:								Total:-	
1	The work shall be executed as per HPPWD / IPH specifications and to the entire satisfaction of Engineer-in-								
2	The contractor shall be fully responsible for watch and ward of materials at the site of work and in case of any theft								
3	The GI pipe shall be issued to the contractor free of cost from IPH Divisional Store Padhar on proper indents/								
4	The work shall be completed with in stipulated period.								
5	The rates are inclusive of carriage of all materials to the site of work in all leads and lifts.								
6	All GI fittings including required degree bends will be provided by the contractor at his own cost.								
7	The hydraulic testing of the lines is to be done by contractor at his risk & cost and net work should be 100%								Executive Engineer,
8	GST, labour cess, income tax, royalty and other taxes as applicable will be deducted from the bills of contr./ firm.								Jal Shakti Vibhag,
									Division Padhar.

SCHEDULE OF QUANTITY									
Name of Work :- Improvement & Augmentation of WSS Kathyandhar & Swar Dallah Ghogardhar in (SH:- Laying, Jointing, Testing & Carriage of GI pipe Node No. W to X = 3000 Rmt 40 mm dia from RD 800 to 3800)							Estimated Cost :- Rs.	4,29,602	/- Only
							Earnest Money :- Rs.	8,600	/- Only
							Time :-	Three	Months
Sr. No.	Description of Items	Quantity		Rate		Unit	Amount		
				In Figures	In Words				
1	Excavation in foundation and trenches etc. (for pipes and pits) upto all depths in all kinds of soil such as pick work, jumper work, blasting and chiselling soft / hard rocks where blasting is prohibited in all leads and lifts including jumper work, blasting and chiselling soft / hard rocks where blasting is prohibited in all leads and lifts including trimming and dressing of sides, levelling of bed, to correct excavation and returning the stacked soil after laying, jointing and testing of GI pipes in trenches in 15 cm layers including consolidating each deposited layer by ramming, watering and then disposing of all surplus excavated soil as directed in all leads / lifts and soring strutting, timbering and dewatering where ever required including restoration of unmetalled/metalled paved surface of its original conditions including cost of diversion for traffic night signals fixing caution boards and fencing etc. complete in all respect as per direction of the Engineer-in-Charge.	742	Cum			Per Cubic Metre			
2	Laying , jointing, testing & Carriage of galvanised steel tube fittings in trenches of following dia (L) class (Earth work in trenches to be measured and paid for separately).								
	i) 40 mm diametre	3000	Rmt			Per Running Metre			
TERMS AND CONDITIONS:								Total:-	
1	The work shall be executed as per HPPWD / IPH specifications and to the entire satisfaction of Engineer-in-								
2	The contractor shall be fully responsible for watch and ward of materials at the site of work and in case of any theft								
3	The GI pipe shall be issued to the contractor free of cost from IPH Divisional Store Padhar on proper indents/								
4	The work shall be completed with in stipulated period.								
5	The rates are inclusive of carriage of all materials to the site of work in all leads and lifts.								
6	All GI fittings including required degree bends will be provided by the contractor at his own cost.								Executive Engineer,
7	The hydraulic testing of the lines is to be done by contractor at his risk & cost and net work should be 100%								Jal Shakti Vibhag,
8	GST, labour cess, income tax, royalty and other taxes as applicable will be deducted from the bills of contr./ firm.								Division Padhar.

SCHEDULE OF QUANTITY										5			
Name of Work :- Augmentation & Improvement of WSS Julag Sangalwah in GP Batheri Tehsil Padhar Distt. Mandi (H.P.)								Estimated Cost :- Rs.		2,94,123		/- Only	
(SH:- Laying, Jointing, Testing & Carriage of Gravity Main, GI pipe (L) 40 mm dia = 1500 Rmt from Node J to K RD 0 to 1500 mtr.)								Earnest Money :- Rs.		5,900		/- Only	
								Time :-		Three		Months	
Sr. No.	Description of Items	Quantity		Rate		Unit	Amount						
				In Figures	In Words								
1	Excavation in foundation and trenches etc. (for pipes and pits) upto all depths in all kinds of soil such as pick work, jumper work, blasting and chiselling soft / hard rocks where blasting is prohibited in all leads and lifts including jumper work, blasting and chiselling soft / hard rocks where blasting is prohibited in all leads and lifts including trimming and dressing of sides, levelling of bed, to correct excavation and returning the stacked soil after laying, jointing and testing of GI pipes in trenches in 15 cm layers including consolidating each deposited layer by ramming, watering and then disposing of all surplus excavated soil as directed in all leads / lifts and soring strutting, timbering and dewatering where ever required including restoration of un-metalled/metalled paved surface of its original conditions including cost of diversion for traffic night signals fixing caution boards and fencing etc. complete in all respect as per direction of the Engineer-in-Charge.	485.10	Cum			Per Cubic Metre							
2	Laying , jointing, testing & Carriage of galvanised steel tube fittings in trenches of following dia (L) class (Earth work in trenches to be measured and paid for separately).												
i)	40 mm diametre	1500	Rmt			RMT							
3	Providing and Fixing Brass Stop Cock Wheel Valve of below mentioned dia metre with in all leads and lifts and to the entire satisfaction of Engineer-in-Charge..												
i)	40 mm diameter	1	No.			Each							
TERMS AND CONDITIONS:										Total:-			
1	The work shall be executed as per HPPWD / IPH specifications and to the entire satisfaction of Engineer-in-Charge.												
2	The contractor shall be fully responsible for watch and ward of materials at the site of work and in case of any theft or loss the recovery shall be made at the double cost of store issue rates.												
3	The GI pipe shall be issued to the contractor free of cost from IPH Divisional Store Padhar on proper indents/ challan.												
4	The work shall be completed with in stipulated period.												
5	The rates are inclusive of carriage of all materials to the site of work in all leads and lifts.												
6	All GI fittings including required degree bends will be provided by the contractor at his own cost.												
7	The hydraulic testing of the lines is to be done by contractor at his risk & cost and net work should be 100% leakage proof and final payment shall be released only there after.												
8	GST, labour cess, income tax, royalty and other taxes as applicable will be deducted from the bills of contractor / firm.												
										Executive Engineer,			
										Jal Shakti Vibhag,			
										Division Padhar.			

SCHEDULE OF QUANTITY								
Name of Work :- Augmentation & Improvement of WSS Julag Sangalwah in GP Batheri Tehsil						Estimated Cost :- Rs.	2,45,177	/- Only
(SH:- Laying, Jointing, Testing & Carriage of Gravity Main, GI pipe (L) 40 mm dia = 1250 Rmt from Node O to P RD 0 to 1250 mtr.)						Earnest Money :- Rs.	4,900	/- Only
						Time :-	Three	Months
Sr. No.	Description of Items	Quantity		Rate		Unit	Amount	
				In Figures	In Words			
1	Excavation in foundation and trenches etc. (for pipes and pits) upto all depths in all kinds of soil such as pick work, jumper work, blasting and chiselling soft / hard rocks where blasting is prohibited in all leads and lifts including jumper work, blasting and chiselling soft / hard rocks where blasting is prohibited in all leads and lifts including trimming and dressing of sides, levelling of bed, to correct excavation and returning the stacked soil after laying, jointing and testing of GI pipes in trenches in 15 cm layers including consolidating each deposited layer by ramming, watering and then disposing of all surplus excavated soil as directed in all leads / lifts and soring strutting, timbering and dewatering where ever required including restoration of un-metalled/metalled paved surface of its original conditions including cost of diversion for traffic night signals fixing caution boards and fencing etc. complete in all respect as per direction of the Engineer-in-Charge.	404.25	Cum			Per Cubic Metre		
2	Laying , jointing, testing & Carriage of galvanised steel tube fittings in trenches of following dia (L) class (Earth work in trenches to be measured and paid for separately).							
i)	40 mm diametre	1250	Rmt			Per Running Metre		
3	Providing and Fixing Brass Stop Cock Wheel Valve of below mentioned dia metre with in all leads and lifts and to the entire satisfaction of Engineer-in-Charge..							
i)	40 mm diameter	1	No.			Each		
TERMS AND CONDITIONS:							Total:-	
1	The work shall be executed as per HPPWD / IPH specifications and to the entire satisfaction of Engineer-in-							
2	The contractor shall be fully responsible for watch and ward of materials at the site of work and in case of any theft							
3	The GI pipe shall be issued to the contractor free of cost from IPH Divisional Store Padhar on proper indents/							
4	The work shall be completed with in stipulated period.							
5	The rates are inclusive of carriage of all materials to the site of work in all leads and lifts.							
6	All GI fittings including required degree bends will be provided by the contractor at his own cost.							Executive Engineer,
7	The hydraulic testing of the lines is to be done by contractor at his risk & cost and net work should be 100%							Jal Shakti Vibhag,
8	GST, labour cess, income tax, royalty and other taxes as applicable will be deducted from the bills of contractor /							Division Padhar.

SCHEDULE OF QUANTITY							9	
Name of Work :- Augmentation & Improvement of WSS Julag Sangalwah in GP Batheri Tehsil (SH:- Laying, Jointing, Testing & Carriage of Gravity Main, GI pipe (L) 65 mm dia = 600 Rmt from Node J to L RD 0 to 600 mtr.)					Estimated Cost :- Rs.	1,55,644	/- Only	
					Earnest Money :- Rs.	3,200	/- Only	
					Time :-	Three	Months	
Sr. No.	Description of Items	Quantity		Rate		Unit	Amount	
				In Figures	In Words			
1	Excavation in foundation and trenches etc. (for pipes and pits) upto all depths in all kinds of soil such as pick work, jumper work, blasting and chiselling soft / hard rocks where blasting is prohibited in all leads and lifts including jumper work, blasting and chiselling soft / hard rocks where blasting is prohibited in all leads and lifts including trimming and dressing of sides, levelling of bed, to correct excavation and returning the stacked soil after laying, jointing and testing of GI pipes in trenches in 15 cm layers including consolidating each deposited layer by ramming, watering and then disposing of all surplus excavated soil as directed in all leads / lifts and soring strutting, timbering and dewatering where ever required including restoration of un-metalled/metalled paved surface of its original conditions including cost of diversion for traffic night signals fixing caution boards and fencing etc. complete in all respect as per direction of the Engineer-in-Charge.	234.00	Cum			Per Cubic Metre		
2	Laying , jointing, testing & Carriage of galvanised steel tube fittings in trenches of following dia (L) class (Earth work in trenches to be measured and paid for separately).							
i)	65 mm diametre	600	Rmt			Per Running Metre		
3	Providing and Fixing Brass Stop Cock Wheel Valve of below mentioned dia metre with in all leads and lifts and to the entire satisfaction of Engineer-in-Charge..							
i)	65 mm diameter	1	No.			Each		
TERMS AND CONDITIONS:						Total:-		
1	The work shall be executed as per HPPWD / IPH specifications and to the entire satisfaction of Engineer-in-							
2	The contractor shall be fully responsible for watch and ward of materials at the site of work and in case of any theft							
3	The GI pipe shall be issued to the contractor free of cost from IPH Divisional Store Padhar on proper indents/							
4	The work shall be completed with in stipulated period.							
5	The rates are inclusive of carriage of all materials to the site of work in all leads and lifts.							
6	All GI fittings including required degree bends will be provided by the contractor at his own cost.							Executive Engineer,
7	The hydraulic testing of the lines is to be done by contractor at his risk & cost and net work should be 100%							Jal Shakti Vibhag,
8	GST, labour cess, income tax, royalty and other taxes as applicable will be deducted from the bills of contractor /							Division Padhar.

SCHEDULE OF QUANTITY									10		
Name of Work :- Augmentation & Improvement of WSS Julag Sangalwah in GP Batheri Tehsil Padhar Distt. Mandi (H.P.)							Estimated Cost :- Rs.		2,87,318 /- Only		
(SH:- Laying, Jointing, Testing & Carriage of Gravity Main, GI pipe (L) 50 mm dia = 1240 Rmt from Node I to N RD 0 to 1240 mtr.)							Earnest Money :- Rs.		5,800 /- Only		
							Time :-		Three Months		
Sr. No.	Description of Items	Quantity		Rate		Unit	Amount				
				In Figures	In Words						
1	Excavation in foundation and trenches etc. (for pipes and pits) upto all depths in all kinds of soil such as pick work, jumper work, blasting and chiselling soft / hard rocks where blasting is prohibited in all leads and lifts including jumper work, blasting and chiselling soft / hard rocks where blasting is prohibited in all leads and lifts including trimming and dressing of sides, levelling of bed, to correct excavation and returning the stacked soil after laying, jointing and testing of GI pipes in trenches in 15 cm layers including consolidating each deposited layer by ramming, watering and then disposing of all surplus excavated soil as directed in all leads / lifts and soring strutting, timbering and dewatering where ever required including restoration of un-metalled/metalled paved surface of its original conditions including cost of diversion for traffic night signals fixing caution boards and fencing etc. complete in all respect as per direction of the Engineer-in-Charge.	483.60	Cum			Per Cubic Metre					
2	Laying , jointing, testing & Carriage of galvanised steel tube fittings in trenches of following dia (L) class (Earth work in trenches to be measured and paid for separately).										
i)	50 mm diametre	1240	Rmt			RMT					
3	Providing and Fixing Brass Stop Cock Wheel Valve of below mentioned dia metre with in all leads and lifts and to the entire satisfaction of Engineer-in-Charge..										
i)	50 mm diameter	1	No.			Each					
TERMS AND CONDITIONS:							Total:-				
1	The work shall be executed as per HPPWD / IPH specifications and to the entire satisfaction of Engineer-in-Charge.										
2	The contractor shall be fully responsible for watch and ward of materials at the site of work and in case of any theft or loss the recovery shall be made at the double cost of store issue rates.										
3	The GI pipe shall be issued to the contractor free of cost from IPH Divisional Store Padhar on proper indents/ challan.										
4	The work shall be completed with in stipulated period.										
5	The rates are inclusive of carriage of all materials to the site of work in all leads and lifts.										
6	All GI fittings including required degree bends will be provided by the contractor at his own cost.								Executive Engineer,		
7	The hydraulic testing of the lines is to be done by contractor at his risk & cost and net work should be 100% leakage proof and final payment shall be released only there after.								Jal Shakti Vibhag,		
8	GST, labour cess, income tax, royalty and other taxes as applicable will be deducted from the bills of contractor / firm.								Division Padhar.		
SCHEDULE OF QUANTITY									11		

Name of Work :- Replacement of Rusted pipe line of WSS Tandoo & Mehar in GP Tandoo Tehsil Sadar Distt.Mandi (HP)				Estimated Cost :- Rs.		144,558	/- Only
(SH:- C/O Intake Chamber = 1 No. with sanitary protection) (Bharara for GWSS Tandoo).				Earnest Money :- Rs.		2900	/- Only
				Time :-		Three	Months
Sr. No.	Description of Items	Quantity		Rate		Unit	Amount
				In Figures	In Words		
1	Excavation in foundation and trenches etc. in earth work in all kind of soil such as pick work, jumper work, saturated soil including bailing or pumping out water, blasting soft / hard rock, chiselling soft / hard rock where blasting is prohibited in all lifts including trimming and dressing of sides, levelling of bed, stacking the excavated soil clear from the edge of excavation and then returning the excavated soil in 15 cm. layers including consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated soil as directed in all leads / lifts and shoring strutting,timbering and dewatering where ever required as per the direction of the Engineer-in-Charge.	9.60	Cubic Metre			Per Cubic Metre	
2	Providing and laying cement concrete 1 : 6 : 12 (1Cement : 6 Sand : 12 graded stone aggregate 40 mm nominal size) and curing complete excluding cost of form work in foundation and plinth with in all leads and lifts.	1.89	Cubic Metre			Per Cubic Metre	
3	Providing and laying cement concrete 1 : 3 : 6 (1Cement : 3 Sand : 6 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of form work in foundation and plinth with in all leads and lifts.	2.25	Cubic Metre			Per Cubic Metre	
4	Random rubble masonry / polygonal rubble masonry (uncoursed / brought to courses) with hard stones of approved quality in foundation and plinth including levelling up with cement concrete 1 : 6 :12 (1 cement : 6 sand : 12 graded stone aggregate 20 mm nominal size) in CM 1 : 6 (1cement :6 sand) in breast wall and retaining walls with in all leads and lifts.	11.83	Cubic Metre			Per Cubic Metre	
5	Squared rubble masonry coursed with hard stone of approved quality in foundation and plinth including raking out joint in cement mortar 1 : 4 (1 Cement : 4 Sand) with in all leads and lifts.	2.21	Cubic Metre			Per Cubic Metre	
6	Providing form work with steel plates 3.15 mm thick welded with angle iron in frame 30x30x5 mm so as to give a fair finish i/c centring , shuttering , strutting and propping etc.with wooden battens and ballies, height of propping and centring below supporting floor to ceiling not exceeding 4 mtr and removal of the same for insitu-reinforced concrete & plain concrete work in :-						
	a) Flat surfaces such as soffits of suspended floors , roofs, landings and the like. Floors etc up to 200 mm in thickness with in all leads and lifts.	0.54	Square			Per Square Metre	
7	Prov.and laying cement concrete 1 : 2 : 4 (1Cement : 2 Sand : 4 graded stone aggregate 20 mm nominal size and curing complete excluding cost of form work	0.24	Cubic Metre			Per Cubic Metre	
8	Providing tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level with in all leads and lifts.	21.60	Kilogram			Per Kilogramme	

SCHEDULE OF QUANTITY									12			
Name of Work :- Replacement of Rusted pipe line of WSS Tandoo & Mehar in GP Tandoo Tehsil Sadar							Estimated Cost :- Rs.		115,272		/- Only	
(SH:- C/O source Intake Chamber = 1 No. with sanitary protection) (Shadla for WSS Tandoo).							Earnest Money :- Rs.		2300		/- Only	
							Time :-		Three		Months	
Sr. No.	Description of Items	Quantity		Rate		Unit	Amount					
				In Figures	In Words							
1	Excavation in foundation and trenches etc. in earth work in all kind of soil such as pick work, jumper work, saturated soil including bailing or pumping out water, blasting soft / hard rock, chiselling soft / hard rock where blasting is prohibited in all lifts including trimming and dressing of sides, levelling of bed, stacking the excavated soil clear from the edge of excavation and then returning the excavated soil in 15 cm. layers including consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated soil as directed in all leads / lifts and shoring strutting,timbering and dewatering where ever required as per the direction of the Engineer-in-Charge.	8.16	Cubic Metre			Per Cubic Metre						
2	Providing and laying cement concrete 1 : 6 : 12 (1Cement : 6 Sand : 12 graded stone aggregate 40 mm nominal size) and curing complete excluding cost of form work in foundation and plinth with in all leads and lifts.	1.53	Cubic Metre			Per Cubic Metre						
3	Providing and laying cement concrete 1 : 3 : 6 (1Cement : 3 Sand : 6 graded stone	1.56	Cubic			Per Cubic						
4	Random rubble masonry / polygonal rubble masonry (uncoursed / brought to courses) with hard stones of approved quality in foundation and plinth including	9.19	Cubic Metre			Per Cubic Metre						
5	Squared rubble masonry coursed with hard stone of approved quality in foundation and plinth including raking out joint in cement mortar 1 : 4 (1 Cement : 4 Sand) with	2.21	Cubic Metre			Per Cubic Metre						
6	Providing form work with steel plates 3.15 mm thick welded with angle iron in frame 30x30x5 mm so as to give a fair finish i/c centring , shuttering , strutting and propping etc.with wooden battens and ballies, height of propping and centring below supporting floor to ceiling not exceeding 4 mtr and removal of the same for insitu-reinforced concrete & plain concrete work in :-											
	a) Flat surfaces such as soffits of suspended floors , roofs, landings and the like. Floors etc up to 200 mm in thickness with in all leads and lifts.	0.54	Square Metre			Per Square Metre						
7	Prov.and laying cement concrete 1 : 2 : 4 (1Cement : 2 Sand : 4 graded stone aggregate 20 mm nominal size and curing complete excluding cost of form work and reinforcement for reinforced concrete complete in suspended floor roofs, landing ,shelves and their supporting balconies, beams, girders bressumers and cantilever upto floor two level with in all leads and lifts.	0.24	Cubic Metre			Per Cubic Metre						
8	Providing tor steel reinforcement for R.C.C. work including bending, binding and	21.60	Kilogr			Per						

9	Providing and laying cement concrete flooring 1 : 2 : 4 (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size) laid in one layer with a floating coat of neat cement and curing complete in all leads and lifts. 40 mm thick.	0.54	Square Metre			Per Square Metre	
10	15 mm cement plaster in single coat on rough side of brick/ concrete / stone walls for interior plastering upto floor two level including arrises internal rounded angles, chamfers and or rounded angles not exceeding 80 mm in girth and finished even and smooth in cement mortar 1 : 3 (1Cement : 3 Sand) with in all leads and lifts.	22.80	Square Metre			Per Square Metre	
11	Boulder filling under floor with in all leads and lifts.	1.96	Cubic Metre			Per Cubic Metre	
						Total:-	
	TERMS AND CONDITIONS :-						
1	The work shall be executed as per HPPWD / IPH specifications.						
2	The contractor shall be fully responsible for watch and ward of materials at the site of work and in case of any theft or loss the recovery shall be made at the double cost of store issue rates.						
3	Cement & steel shall be issued to the contractor by the department from IPH Divisional store Padhar, cement @ Rs. 281/-per bag & steel @ Rs. 5803/-qtl.on proper indents for which recovery shall be						
4	The work shall be completed with in stipulated period.						
5	The rates are inclusive of carriage of all materials to the site of work in all leads and lifts.						
6	The concrete should be volume batched, mechanically mixed and vibrated. Only mechanically						
7	Nothing shall be paid for rejected/defected work.						
8	GST,Labour cess.income tax,royalty and other taxes as applicable will be deducted from the bills of contractor/firm.						
						Executive Engineer,	
						Jal Shakti Vibhag	
						Division Padhar	