

**1 JOB**

<b>Name Of Work:- Providing Functional Household Tap (FHTC) connection in villages Khor, Nigal, Anoh, Barla, Kohlari etc. through proposed LWSS Khor Nigal in Tehsil Fatehpur Distt. Kangra H.P.(SH:- Laying, Jointing and testing of G.I. pipe 80 mm dia from Node-6 to Node-7 &amp; RD 0-1425=1425 mtrs.</b>			<b>Estimate Cost:</b>		<b>340343.00</b>
			<b>Earnest Money:</b>		<b>6807.00</b>
			<b>Time Limt:</b>		<b>30 days</b>
<b>Sr. No.</b>	<b>Description of Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
1	Excavation in foundation, trenches etc. in earth work, in all kinds of soil such as pick work, jumper work, blasting work in hard /materials not more than 3 meters clear from the edge of excavation and then returning the stacked excavated soil in all layers when required into plinths sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth eith in all leads and lifts.	801.56	cum		
2	Providing laying jointing and testing of Galvanised Mild Steel Tubes (LG) including fittings such as union Tee nipples elbow etc. ( earth work in trenches, making connection & P/ F of GMS peet valves, sluice valves and unions etc. to be measured and paid separately ) as per direction and satisfaction of engineer in charge of the following nominal bore.				
i	80mm dia	1425.00	Rmt		
3	Providing & fixing Cast Iron double flanged sulice valve of Kirloskar /KSB/ Kilburn / BHEL/ Leader make of size 150 mm dia suitable as per offered pump and class PN- 1.0 having one size higher to suction side size of pump and capable of with standing nominal seat pressure of 10.20 kg/Cm2. (as per IS -780-1984).				
i	80mm dia	4.00	Each		
				<b>Total=</b>	

**Term and Conditions:-**

1. The work shall be executed as per HPPWD/IPH Specification.
2. NOTHING SHOULD BE PAID FOR REJECTED MATERIAL/ WORK.
3. GST, income tax, Security and labour cess will be deducted from each running bill as per rules. GST WILL BE DEDUCTED AS PER RULES.
4. The pipe shall be issued free of cost against proper indent at divisional store Fatehpur.

**JOB 2**

<b>Name Of Work:- Providing Functional Household Tap (FHTC) connection in villages Khor, Nigal, Anoh, Barla, Kohlari etc. through proposed LWSS Khor Nigal in Tehsil Fatehpur Distt. Kangra H.P.(SH Laying, Jointing and testing of G.I. pipe 65 mm dia from Node-7 to Node-140 &amp; RD 0-1450=1450 mtrs.</b>				<b>Estimate Cost:</b>	<b>252840.00</b>
				<b>Earnest Money:</b>	<b>6807.00</b>
				<b>Time Limt:</b>	<b>30 days</b>
<b>Sr. No.</b>	<b>Description of Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
1	Excavation in foundation, trenches etc. in earth work, in all kinds of soil such as pick work, jumper work, blasting work in hard /materials not more than 3 meters clear from the edge of excavation and then returning the stacked excavated soil in all layers when required into plinths sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth eith in all leads and lifts.	522.00	cum		
2	Providing laying jointing and testing of Galvanised Mild Steel Tubes (LG) including fittings such as union Tee nipples elbow etc. ( earth work in trenches, making connection & P/ F of GMS peet valves, sluice valves and unions etc. to be measured and paid separately ) as per direction and satisfaction of engineer in charge of the following nominal bore.				
i	65mm dia	1450.00	Rmt		
3	Providing & fixing Cast Iron double flanged sluice valve of Kirloskar /KSB/ Kilburn / BHEL/ Leader make of size 150 mm dia suitable as per offered pump and class PN- 1.0 having one size higher to suction side size of pump and capable of with standing nominal seat pressure of 10.20 kg/Cm2. (as per IS -780-1984).				
i	65mm dia	5.00	Each		
				<b>Total=</b>	

**Term and Conditions:-**

1. The work shall be executed as per HPPWD/IPH Specification.
2. NOTHING SHOULD BE PAID FOR REJECTED MATERIAL/ WORK.
3. GST, income tax, Security and labour cess will be deducted from each running bill as per rules. GST WILL BE DEDUCTED AS PER RULES.
4. The pipe shall be issued free of cost against proper indent at divisional store Fatehpur.

### 3 JOB

<b>Name Of Work:- Providing Functional Household Tap (FHTC) connection in villages Khor, Nigal, Anoh, Barla, Kohlari etc. through proposed LWSS Khor Nigal in Tehsil Fatehpur Distt. Kangra H.P.(SH:- Laying, Jointing and testing of G.I. pipe 50mm dia from Node-6 to Node-129 &amp; RD 0-1000=1000 mtr., 50 mm dia from Node-7 to node-132 &amp; RD 0-420=420 mtrs.,40 mm dia from Node-132 to Node-133 &amp; RD 420-650=230 mtrs., 25 mm dia from Node-133 to Node-134 &amp; RD 650-750=100 mtrs., 32 mm dia from Node-7 to Node-135 &amp; RD 0-250=250 mtrs., 25 mm dia from Node-135 to Node-136 &amp; RD 250-460=210 mtrs, 32 mm dia from Node-140 to node-141 &amp; RD 1450-1670=220 mtrs.</b>				<b>Estimate Cost:</b>		<b>222760.00</b>	
				<b>Earnest Money:</b>		<b>4455.00</b>	
				<b>Time Limt:</b>		<b>30 days</b>	
Sr. No.	Description of Item	Quantity	Unit	Rate	Amount		
1	Excavation in foundation, trenches etc. in earth work, in all kinds of soil such as pick work, jumper work, blasting work in hard /materials not more than 3 meters clear from the edge of excavation and then returning the stacked excavated soil in all layers when required into plinths sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth eith in all leads and lifts.	607.50	cum				
2	Providing laying jointing and testing of Galvanised Mild Steel Tubes (LG) including fittings such as union Tee nipples elbow etc. ( earth work in trenches, making connection & P/ F of GMS peet valves, sluice valves and unions etc. to be measured and paid separately ) as per direction and satisfaction of engineer in charge of the following nominal bore.						
i	50mm dia	1420.00	Rmt				
ii	40mm dia	230.00	Rmt				
iii	32mm dia	470.00	Rmt				
iv	25mm dia	310.00	Rmt				
3	Providing and fixing of G.I. unions heavy Duty ISI Marked as per relevant IS standards latest with up to date ammendments if any complete in all respects within all leads anf lifts as per direction and satisfaction of engineer in charge.						
i	50mm dia	2.00	Each				
ii	40mm dia	12.00	Each				
iii	32mm dia	35.00	Each				
iv	25mm dia	10.00	Each				
4	Providing and fixing of G.M.S. peet valve heavy Duty ISI Marked as per relavent IS standards latest with up to date ammendments if any complete in all respects within all leads anf lifts as per direction and satisfaction of engineer in charge.						
i	50mm dia	2.00	Each				
ii	40mm dia	4.00	Each				
iii	32mm dia	12.00	Each				
iv	25mm dia	6.00	Each				
5	Providing and fixing of G.I. Reducer heavy Duty ISI Marked as per relavent IS standards latest with up to date ammendments if any complete in all respects within all leads anf lifts as per direction and satisfaction of engineer in charge.						

i	50 mm x 40 mm	2.00	Each		
ii	40 mm x 32 mm	3.00	Each		
iii	32 mm x 25 mm	4.00	Each		
iv	50 mm x 32 mm	2.00	Each		
v	40 mm x 25 mm	4.00	Each		
				<b>Total=</b>	

**Term and Conditions:-**

1. The work shall be executed as per HPPWD/IPH Specification.
2. NOTHING SHOULD BE PAID FOR REJECTED MATERIAL/ WORK.
3. GST, income tax, Security and labour cess will be deducted from each running bill as per rules. GST WILL BE DEDUCTED AS PER RULES.
4. The pipe shall be issued free of cost against proper indent at divisional store Fatehpur.

**4 JOB**

<b>Name Of Work:- C/o 12 Nos. Tube Well in Fatehpur area in Tehsil Fatehpur District Kangra, H.P. (C/O T/well Manoh Sihal) (SH : -C/O Delivery Tank, Outlets &amp; Laying Jointing and Testing of HDPE pipe 180mm dia= 755 mtr, 200mm dia= 285mtr and 225mm dia= 320 mtr in distribution system of T/well Manoh Sihal (C/O 1 No. D/T, DT to O/L-2, DT to O/L-5, O/L-5 to O/L-6, O/L-6 to O/L-7, O/L-7 to O/L-8, O/L-8 to O/L-9, O/L-9 to O/L-10, O/L-5 to O/L-11 and O/L-11 to O/L-12).</b>			<b>Estimate Cost:</b>		<b>467736.00</b>
			<b>Earnest Money:</b>		<b>9355.00</b>
			<b>Time Limt:</b>		<b>90 days</b>
<b>Sr. No.</b>	<b>Description of Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
1	Excavation in foundation trenches etc. in earth work in all classification of soil such as pick work, jumper work, blasting work soft /hard work etc. upto all depth Stacking the excavated soil upto any lead from the edge of excavation and return the stacked soil in 15cm layers when required into plinth of foundation etc.consolidating layer by ramming watering and then disposing of all surplus excavated earth as directed by the Engineer-in-Charge.	818.36	cum		
2	Providing and laying cement concrete 1:4:8(1: cement :4 sand :8 graded stone agg. of 20mm. Nominal size) and curing complete excluding the cost of form work in foundation and plinth within all leads and lift as specification and direction of the Engineer-in-charge.	2.16	cum		
3	Providing and laying cement concrete work 1:2:4(1cement:2sand: 4 graded stone aggregate 20mm nominal size ) and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in:-				
i	In foundation footing base column and like mass concrete complete in all respect within all leads and lifts as per the direction of Engineer-in-charge.	2.59	cum		
ii	In vertical walls (any thickness) but not less than 0.10 mtr., thickness attached pillasters, buttresses, plinth and string courses etc from top of foundation level upto any floor level i/c entire carriage of material within all leads and lifts as per direction of Engineer-in-charge.	8.44	cum		
4	Providing mild steel/Tor steel reinforcement for reinforced concrete work including bending, binding, & placing in position complete upto floor two level) complete in all respect within all leads and lifts as per the direction of Engineer-in-charge.	463.78	kg		
5	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm, so as to give a fair finish including centring, shuttering, strutting and propping etc., with wooden battens and ballies, height of propping and centring below supporting floor to ceiling not exceeding 4 mtr and removal of the same for insitu-reinforced concrete & plain concrete work in:				
i	In vertical surfaces such as (walls any thickness) partitions and the like including attached pilasters, buttresses, plinth and string course and the like within all leads and lifts as per the satisfaction of Engineer-in-charge.	120.24	sqm		
6	Laying Jointing and testing in trench HDPE(High Density Polythene Pipe) of following dia & ClassPE-80 PN 4.0 conforming to IS: 4984-1972 with fusion welding process including all necessary fitting & bends ( Earth work in trenches to be measured & paid for seperatly) with in all leads and lifts level complete in all respect with in all leads and lift as per direction & entire satisfaction of the Engineer-in-charges.				
i	180mm dia	755.00	Rmt		
ii	200mm dia	285.00	Rmt		
iii	225mm dia	320.00	Rmt		
7	Providing and fixing of alfa valves of to be fittedin HDPE pipe at the site of work ISI marked in all leads and lifts to the entire satisfaction of the Engineer In Charge.				

i	150mm dia	1.00	Each		
ii	200mm dia	4.00	Each		
				<b>Total=</b>	

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2. NOTHING SHOULD BE PAID FOR REJECTED MATERIAL/ WORK.
3. GST, income tax, Security and labour cess will be deducted from each running bill as per rules. GST WILL BE DEDUCTED AS PER RULES.
4. The HDPE pipe shall be issued free of cost against proper indent at divisional store Fatehpur.
5. Final payment shall be released after successful testing of pipe line & completion of work at site.
6. Cement will be issued @ 310/- Per bag & Steel @ 5160/- per Qtl. will be issued to contractor on proper Indent in Divisional store Fatehpur.
7. The pipe line shall be buried below the ground level as per norms & specification. Otherwise no payment to be made in any case to the contractor.
8. Crushed stone aggregate, silt free (course/fine) sand will be used for concrete work and will be purchased by the contractor/firm from quarry, inspected & improved by the Engineer In Charge.

**5 JOB**

<b>Name Of Work:- C/o 12 Nos. Tube Well in Fatehpur area in Tehsil Fatehpur District Kangra, H.P. (C/O T/well Bankroli)</b>				<b>Estimate Cost:</b>		<b>383690.00</b>
<b>(SH : -Construction of Pucca field channel= 290 mtr. and 6 Nos.Outlets).</b>				<b>Earnest Money:</b>		<b>7680.00</b>
				<b>Time Limt:</b>		<b>60 days</b>
<b>Sr. No.</b>	<b>Description of Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	
1	Excavation in foundation trenches etc. in earth work in all classification of soil such as pick work, jumper work, blasting work soft /hard work etc. upto all depth Stacking the excavated soil upto any lead from the edge of excavation and return the stacked soil in 15cm layers when required into plinth of foundation etc.consolidating layer by ramming watering and then disposing of all surplus excavated earth as directed by the Engineer-in-Charge.	35.01	cum			
2	Providing and laying cement concrete 1:5:10(1: cement :5 sand :10 graded stone agg. of 40mm. Nominal size) and curing complete excluding the cost of form work in foundation and plinth within all leads and lift as specification and direction of the Engineer-in-charge.	7.25	cum			
3	Providing and laying cement concrete 1:4:8(1: cement :4 sand :8 graded stone agg. of 20mm. Nominal size) and curing complete excluding the cost of form work in foundation and plinth within all leads and lift as specification and direction of the Engineer-in-charge.	1.26	cum			
4	Providing and laying cement concrete work 1:2:4(1cement:2sand: 4 graded stone aggregate 20mm nominal size ) and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in:-					
i	In foundation footing base column and like mass concrete complete in all respect within all leads and lifts as per the direction of Engineer-in-charge.	11.36	cum			
ii	In vertical walls (any thickness) but not less than 0.10 mtr., thickness attached pillasters, buttresses, plinth and string courses etc from top of foundation level upto any floor level i/c entire carriage of material within all leads and lifts as per direction of Engineer-in-charge.	17.31	cum			
5	Providing mild steel/Tor steel reinforcement for reinforced concrete work including bending, binding, & placing in position complete upto floor two level) complete in all respect within all leads and lifts as per the direction of Engineer-in-charge.	1355.38	kg			
6	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm, so as to give a fair finish including centring, shuttering, strutting and propping etc., with wooden battens and ballies, height of propping and centring below supporting floor to ceiling not exceeding 4 mtr and removal of the same for insitu-reinforced concrete & plain concrete work in:					
i	In vertical surfaces such as (walls any thickness) partitions and the like including attached pilasters, buttresses, plinth and string course and the like within all leads and lifts as per the satisfaction of Engineer-in-charge.	411.82	sqm			
7	Providing and fixing of PVC water Stop Seal for required size 4mm thick to 6mm 150mm wide complete in all respect	10.88	Rmt			
8	Providing and fixing of Bitumen Fiber Board complete in all respect	1.12	Sqm			
				<b>Total=</b>		

**Term and Conditions:-**

1. The work shall be executed as per HPPWD/IPH Specification.
2. NOTHING SHOULD BE PAID FOR REJECTED MATERIAL/ WORK.
3. GST, income tax, Security and labour cess will be deducted from each running bill as per rules. GST WILL BE DEDUCTED AS PER RULES.
4. The HDPE pipe shall be issued free of cost against proper indent at divisional store Fatehpur.
5. Final payment shall be released after successful testing of pipe line & completion of work at site.
6. Cement will be issued @ 310/- Per bag & Steel @ 5160/- per Qtl. will be issued to contractor on proper Indent in Divisional store Fatehpur.
7. The pipe line shall be buried below the ground level as per norms & specification. Otherwise no payment to be made in any case to the contractor.
8. Crushed stone aggregate, silt free (course/fine) sand will be used for concrete work and will be purchased by the contractor/firm from quarry, inspected & improved by the Engineer In Charge.

**6 JOB**

Name Of Work:- R/M of T/well Chatter Chacher in Tehsil Fatehpur District Kangra, H.P. (SH : - Supply & erection of Submersible Pumping Machinery).				Estimate Cost:		283000.00
				Earnest Money:		5660.00
				Time Limt:		90 days
Sr. No.	Description of Item	Quantity	Unit	Rate	Amount	
1	Supply of submerssible puming set of KSB/Sabar/Calama/Crompton/BS make confirming to BIS:8034-1974/5660-1970 (latest) suitable for lifting clear, cold & fresh water fitted with bronze impellers or suitable allow directly coupled to squirrel cage electric induction motor of same make as that of pump confirming to BIS:9283-1979 (latest with upto date ammendments) and totally water proof for submerssible duty, isolated from the pump by intermediate casing with double mechanical seal in oil chamber, grease packed lubricated bearings & provided with stainless steel thrust bearing plate to with stand non-vertical loads with minimum wear and tear. It should also be fitted with a device to take up expansion of water with the heating of motor including water level guard, errection clamps, cable clips & depth guage etc. The pump shall be suitable for operation on data give below:-	1 set of 35 HP	Set			
i	Location of site :-The site is located at a distance of 8 Kms.from Bharmar.					
ii	The altitude of place in which :-Altitude of place is 450 Metres above Mean Sea Level. The motor is intended to work:-					
iii	Type of current :-A.C.Three phase supply with frequency 50 cycles per second.					
Iv	Rated Voltage :-415 Vvolts (+/-) 10% treated					
V	Characterstics of water :- (a).Temperature = 20oC (f) PH = _____					
	(b).Turbidity =Upto 10NTU (g) Total solids___Mg/Litre					
	©. PH =__					
	(d).Hardness =__Mg/Litre(as CaCo3)					
Vi	Depth of Well Assembly :- Metres.					
Vii	L.W.L.in Tube-Well :- Metres					
Viii	Centre line level of Pump :- Metres					
Ix	Suction Head :- Metres					
X	Discharge level of highest point:- Metres					
Xi	Nos.of Pumps required :-1 No.Pump.					
Xii	Capacity :- 15 L.P.S.					
Xiii	Draw down :- _____ Metres					
Xiv	Total head in Metres :- 110.00 Metres					
Xv	Length of Rising Main :- ____ Metres					
Xvi	Dia of Rising Main :- ____mm dia.					
Xvii	Pumping hours : 8.00 Hours.					
xviii	Test Run :- 8 Hours continuously for 7 days.					
2	Providing Delivery Nipple 100mm dia with 100mm dia M.S. Flange duly welded complete	1	Each			

3	Erection of all equipment including cost of tee, bends tapers and any other fittings required as per site conditions and as per direction of the Engineer-in-Charge	1	Job		
				<b>Total=</b>	

**Term and Conditions:-**

1. The work shall be executed as per HPPWD/IPH Specification.
2. NOTHING SHOULD BE PAID FOR REJECTED MATERIAL/ WORK.
3. GST, income tax, Security and labour cess will be deducted from each running bill as per rules. GST WILL BE DEDUCTED AS PER RULES.

**7 JOB**

<b>Name Of Work:- Providing Functional Household Tap (FHTC) Connection in Villages Fatehpur Sunhara Bhattian etc. through proposed LWSS Fatehpur Sunhara in Tehsil Fatehpur Distt.Kangra HP under “JAL JEEWAN MISSION (SH:- Laying Jointing and testing of GI pipe 50mm dia from Node 3 to 31= 1200 mtr, GI pipe 40mm dia from Node 5 to 82= 2400 Rmt, Node 5 to 90= 1170 mtr and making connections with existing distribution system in Gram Panchayat Fatehpur).</b>			<b>Estimate Cost:</b>		<b>489701.00</b>
			<b>Earnest Money:</b>		<b>9794.00</b>
			<b>Time Limt:</b>		<b>30 days</b>
Sr. No.	Description of Item	Quantity	Unit	Rate	Amount
1	Excavation in foundation, trenches etc. in earth work, in all kinds of soil such as pick work, jumper work, blasting work in hard / soft rocks, chiseling / wedging out of hard / soft rocks including dewatering in saturated soil up to all leads and lifts, staking the excavated soil / materials upto all leads and lifts clear from the edge of excavation and then returning the stacked excavated soil in all layers when required into plinths sides of foundation etc.consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated soil as per direction of Engineer - in-Charge.	1502.55	Sqm,		
2	Laying jointing and testing of Galvanised Mild Steel tube(LG) including fitting (earth work in trenches to be measured & paid for separately)as per the direction of Engineer-in-Charge of the following nominal bore.				
I	GI pipe 50mm dia	1200.00	Rmt		
ii	GI pipe 40mm dia	3570.00	Rmt		
3	Providing & Fixing of GI Union of various dia heavy duty ISI marked complete in all respect within all leads and lifts as per the satisfaction of Engineer-in-Charge.				
I	GI pipe 50mm dia	8.00	Each		
ii	GI pipe 40mm dia	16.00	Each		
4	Providing & Fixing of GMS Peet valve of various dia heavy duty ISI marked complete in all respect within all leads and lifts as per the satisfaction of Engineer-in-Charge.				
I	GI pipe 50mm dia	2.00	Each		
ii	GI pipe 40mm dia	4.00	Each		
5	Making connection GI pipe 50mm dia and 40mm dia with existing distribution system of various dia GI pipe i/c cost of P/F GI Tee Bends Nipple union etc. complete within all leads and lifts.	6	Job		
			<b>Total=</b>		

**Term and Conditions:-**

1. The work shall be done as per IPH/HPPWD specification.
2. Contractor shall be fully responsible for theft/lose of material at site of work.
3. Final Payment shall be released only after completion of work.
4. Material should be ISI marked.
5. The contractor shall be responsible for watch & ward the material at site of work any theft/loss of material the contractor is responsible and cost will be covered on pannel rates.
6. G.I. pipe pipe will be issued departmentally to the contractor through proper indent.

7. The pipe shall be burried below the ground level as per norms & specification. Otherwise no payment to be made in any case to the contractor.

**8 JOB**

<b>Name Of Work:- Providing functional house hold tap( FHTC) connection in village Dhameta, Samkar,Bari Khas etc.through proposed LWSS Dhameta,Samkar in Tehsil Fatehpur Distt. Kangra (HP) under "JAL -JEEVAN-MISSION" (SH : - Laying, Jointing and testing of G.I. pipe of various diameter, Providing and fixing of Sluice valve &amp; other GI fitting in distribution system).</b>			<b>Estimate Cost:</b>		<b>482811.00</b>
			<b>Earnest Money:</b>		<b>9656.00</b>
			<b>Time Limt:</b>		<b>30 days</b>
<b>Sr. No.</b>	<b>Description of Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
1	Excavation in foundation trenches etc. in earth work in all classification of soil such as pick work, jumper work, blasting work soft /hard work etc. upto all depth Stacking the excavated soil upto any lead from the edge of excavation and return the stacked soil in 15cm layers when required into plinth of foundation etc.consolidating layer by ramming watering and then disposing of all surplus excavated earth as directed by the Engineer-in-Charge.	623.89	cum		
2	Providing laying jointing and testing of Galvanised Mild Steel Tubes (LG) including fittings such as union Tee nipples elbow etc. ( earth work in trenches, making connection & P/ F of GMS peet valves, sluice valves and unions etc. to be measured and paid separately ) as per direction and satisfaction of engineer in charge of the following nominal bore.				
i	65 mm dia	1540.00	Rmt		
ii	50 mm dia	2880.00	Rmt		
iii	40 mm dia	2360.00	Rmt		
iv	25 mm dia	1540.00	Rmt		
3	Providing & fixing Cast Iron double flanged sluice valve of Kirloskar /KSB/ Kilburn / BHEL/ Leader make of size 150 mm dia suitable as per offered pump and class PN- 1.0 having one size higher to suction side size of pump and capable of with standing nominal seat pressure of 10.20 kg/Cm2. (as per IS -780-1984).				
I	65 mm dia	4.00	Each		
4	Providing and fixing of G.I. unions heavy Duty ISI Marked as per relevant IS standards latest with up to date amendments if any complete in all respects within all leads and lifts as per direction and satisfaction of engineer in charge.				
i	50 mm dia	15.00	Each		
ii	40 mm dia	12.00	Each		
iii	25 mm dia	10.00	Each		
5	Providing and fixing of G.M.S. peet valve heavy Duty ISI Marked as per relevant IS standards latest with up to date amendments if any complete in all respects within all leads and lifts as per direction and satisfaction of engineer in charge.				
i	50 mm dia	8.00	Each		
ii	40 mm dia	4.00	Each		
iii	25 mm dia	16.00	Each		

6	Providing and fixing of G.I. Reducer heavy Duty ISI Marked as per relevant IS standards latest with up to date amendments if any complete in all respects within all leads and lifts as per direction and satisfaction of engineer in charge.				
i	50 mm x 40 mm	2.00	Each		
ii	40 mm x 32 mm	3.00	Each		
iii	32 mm x 25 mm	4.00	Each		
iv	50 mm x 32 mm	2.00	Each		
v	40 mm x 25 mm	4.00	Each		
7	Making Connections	12.00	Each		
				<b>Total=</b>	

**Term and Conditions:-**

1. The work shall be executed as per HPPWD/IPH Specification.
2. NOTHING SHOULD BE PAID FOR REJECTED MATERIAL/ WORK.
3. GST, income tax, Security and labour cess will be deducted from each running bill as per rules. GST WILL BE DEDUCTED AS PER RULES.
4. The pipe shall be issued free of cost against proper indent at divisional store Fatehpur.