

**JOB 1**

<b>Name Of Work:- Providing functional house hold tap (FHTC) connection in village Patta Jatian, Jhumb Khas, Takoli etc.through proposed LWSS Patta Jatian in Tehsil Fatehpur Distt. Kangra (HP) under "JAL -JEEVAN-MISSION" (SH:- Laying, Jointing and testing of G.I. pipe 50 mm dia= 140, 32mm dia=200, 25mm dia= 1145, 20mm dia=850 mtr in village Jhumb, Saroli, Takoli, Patta Jattian, Patta Brahmana of Phase-1<sup>st</sup> for Providing functional household tap connection Phase-2<sup>nd</sup>).</b>			<b>Estimate Cost:</b>		<b>248250.00</b>
			<b>Earnest Money:</b>		<b>4965.00</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.	739.73	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	140.00	Rmt		
ii	32mm dia	200.00	Rmt		
iii	25mm dia	1145.00	Rmt		
iv	20mm dia	850.00	Rmt		
3	Making connection GI pipe i.e from existing line including the cost of cutting welding threading and P/F necessary GI fitting such as union, Tees, Nipples etc. at site complete confirming to ISI specification.				
i	50mm dia	5.00	Each		
ii	32mm dia	3.00	Each		
iii	25mm dia	6.00	Each		
iv	20mm dia	8.00	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.

**2 JOB**

<b>Name Of Work:- Providing functional house hold tap (FHTC) connection in village Patta Jatian, Jhumb Khas, Takoli etc.through proposed LWSS Patta Jatian in Tehsil Fatehpur Distt. Kangra (HP) under "JAL -JEEVAN-MISSION" (SH:- Laying, Jointing and testing of G.I. pipe 50 mm dia= 210, 32mm dia=540, 25mm dia= 1090, 20mm dia=2120 mtr in village Jakhar, Palli Julahr of Phase 2<sup>nd</sup> for for Providing functional household tap connection Phase-2<sup>nd</sup>).</b>				<b>Estimate Cost:</b>	<b>304124.00</b>
				<b>Earnest Money:</b>	<b>6082.00</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.	970.20	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	210.00	Rmt		
ii	32mm dia	540.00	Rmt		
iii	25mm dia	190.00	Rmt		
iv	20mm dia	2120.00	Rmt		
3	Making connection GI pipe i.e from existing line including the cost of cutting welding threading and P/F necessary GI fitting such as union, Tees, Nipples etc. at site complete confirming to ISI specification.				
i	50mm dia	2.00	Each		
ii	32mm dia	3.00	Each		
iii	25mm dia	4.00	Each		
iv	20mm dia	8.00	Each		
				<b>Total=</b>	

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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 house hold tap (FHTC) connection in village Patta Jatian, Jhumb Khas, Takoli etc.through proposed LWSS Patta Jatian in Tehsil Fatehpur Distt. Kangra (HP) under "JAL -JEEVAN-MISSION" (SH:- Providing Laying, Jointing and testing of G.I. pipe 65 mm dia from Node-3 to 90 RD= 1468/0 to 3100= 3100 mtr and Node-4 to 21 RD – 3580/0 to 1100= 1100 and Node-4 to 16 RD- 3580/0 to 150= 150 for providing functional household tap connection Phase- 1<sup>st</sup>).</b>				<b>Estimate Cost:</b>		<b>493065.00</b>
				<b>Earnest Money:</b>		<b>9861.00</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.	1500.75	cum			
2	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	4350.00	Rmt			
3	Making connection GI pipe i.e from existing line including the cost of cutting welding threading and P/F necessary GI fitting such as union, Tees, Nipples etc. at site complete confirming to ISI specification.					
i	65mm dia	6.00	Each			
				<b>Total=</b>		

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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:- Working estimate for Providing functional house hold tap (FHTC) connection in village Patta Jatian, Jhumb Khas, Takoli etc.through proposed LWSS Patta Jatian in Tehsil Fatehpur Distt. Kangra (HP) under "JAL - JEEVAN-MISSION" (SH:- Providing Laying, Jointing and testing of G.I. pipe 80 mm dia from Node-3 to 4 RD= 2450 to RD 3580= 1130 mtr (Tank to Tank line) (Phase- 2nd).</b>				<b>Estimate Cost:</b>	<b>227384.00</b>
				<b>Earnest Money:</b>	<b>4548.00</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 and trenches etc., for pipes and pits upto all depth etc., in all kinds of soil such as pick work, jumper work, blasting work and soft and hard rocks, chiseling work/wedging out of rocks (where blasting is prohabitted) and saturated soil, stacking the excavated earth within all leads and lifts with clear from the edge of excavation and then returnng the stacked soil in 15cm layers when required into plinths sides of foundations and trenches etc., consolidating of all surplus excavated earth as directed by the Engineer-in-charge within all leads, lifts including up rooting of trees, dressing of bed and sides and preparation of sub-grade, providing diversion for traffic night signals fixing caution boards, crossings over trenches for access to houses complete and to the entire satisfaction of Engineer-in-charge.	389.85	cum		
2	Laying in trenches to be levllled to grade, BIS marked GI flanged pipes confirming to BIS:1239(latest with up to date ammendments ) of nominal size 80mm dia (Medium class) duly flanged to be welded after 36.00 mtr. interval of pipe with intermediate butt welded joints including the cost of flanges bends/short pieses made from parent tubes of diferent degrees cutting welding jointing with flanges confirming to tables as specified below of BIS:6392 (latest with upto date ammendments ) welded at both ends as per BIS /816 (latest with -uptodate ammendments)with electrodes confirming to BIS 814 (latest with -uptodate ammendments)and provided nuts & bolts BIS 1379( latest with -uptodate ammendments)of required sizes 4 mm thick champion make compressed asbestos fiber gasket or synthetic rubber gasket confierming to BIS 2712 (latest with -uptodate ammendments)and approved specification as per site condition including flushing cleaning and hydrolic and testing complete to the best specification of engineer- in-charge.	1130.00	Rmt		
3	Providing welding and fixing of MS Flanges 80mm dia confirming to IS:6392-1971(Latest with upto date ammendments) and welding of MS Flanges with G.I. Pipes/MSERW pipes in three layers on both faces to make th joint leake proof (The cost of providing and laying of G.I.Pipes/MSERW Pipe to be mesured and paid separately). The welding of flanges should confirm to IS 816-1969 with electrodes as per IS 814-1991 and required number of nuts and bolts confirming to IS:1364. The thickness of gasket not less than 3.00 mm confirming to IS:2712-1998. The work shall be done as per entire satisfaction of Engineer in charge with in all leads and lifts (MS Flange to be welded after 36 mtr interval of pipe).	31.00	mtr		
4	Providing circumferential butt welding by electric arc welding to 80mm diameter GI pipe as per IS: 3589-2001 of Grade FE-330 having following wall thickness, welded in requisite number of weld runs as achieve the minimum effective throat thickness of weld confirming to IS: 816-1991 specification by using welding electroads of 2.50mm to 6.30 mm of advani oerlikon (Adore)- CITOJET/ESAB make, confirming to IS 814-1991 at site of work complete in all repect, including manual/mechanical handling of pipes in all leads and lifts to the entire satisfaction of Engineer in Charge.	14173.00	mtr		
				<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.

**5 JOB**

<b>Name Of Work:- Working estimate for Providing functional house hold tap (FHTC) connection in village Patta Jatian, Jhumb Khas, Takoli etc.through proposed LWSS Patta Jatian in Tehsil Fatehpur Distt. Kangra (HP) under "JAL - JEEVAN-MISSION" (SH:- Providing Laying, Jointing and testing of G.I. pipe 80 mm dia from Node-3 to 4 RD= 1468/0 to RD 2450= 2450 mtr (Tank to Tank line) (Phase- 2nd).</b>				<b>Estimate Cost:</b>	<b>493148.00</b>
				<b>Earnest Money:</b>	<b>9863.00</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 and trenches etc., for pipes and pits upto all depth etc., in all kinds of soil such as pick work, jumper work, blasting work and soft and hard rocks, chiseling work/wedging out of rocks (where blasting is prohabitted) and saturated soil, stacking the excavated earth within all leads and lifts with clear from the edge of excavation and then returnng the stacked soil in 15cm layers when required into plinths sides of foundations and trenches etc., consolidating of all surplus excavated earth as directed by the Engineer-in-charge within all leads, lifts including up rooting of trees, dressing of bed and sides and preparation of sub-grade, providing diversion for traffic night signals fixing caution boards, crossings over trenches for access to houses complete and to the entire satisfaction of Engineer-in-charge.	845.25	cum		
2	Laying in trenches to be levllled to grade, BIS marked GI flanged pipes confirming to BIS:1239(latest with up to date ammendments ) of nominal size 80mm dia (Medium class) duly flanged to be welded after 36.00 mtr. interval of pipe with intermediate butt welded joints including the cost of flanges bends/short pieses made from parent tubes of diferent degrees cutting welding jointing with flanges confirming to tables as specified below of BIS:6392 (latest with upto date ammendments ) welded at both ends as per BIS /816 (latest with -uptodate ammendments)with electrodes confirming to BIS 814 (latest with -uptodate ammendments)and provided nuts & bolts BIS 1379( latest with -uptodate ammendments)of required sizes 4 mm thick champion make compressed asbestos fiber gasket or synthetic rubber gasket confierming to BIS 2712 (latest with -uptodate ammendments)and approved specification as per site condition including flushing cleaning and hydrolic and testing complete to the best specification of engineer- in-charge.	2450.00	Rmt		
3	Providing welding and fixing of MS Flanges 80mm dia confirming to IS:6392-1971(Latest with upto date ammendments) and welding of MS Flanges with G.I. Pipes/MSERW pipes in three layers on both faces to make th joint leake proof (The cost of providing and laying of G.I.Pipes/MSERW Pipe to be mesured and paid separately). The welding of flanges should confirm to IS 816-1969 with electrodes as per IS 814-1991 and required number of nuts and bolts confirming to IS:1364. The thickness of gasket not less than 3.00 mm confirming to IS:2712-1998. The work shall be done as per entire satisfaction of Engineer in charge with in all leads and lifts (MS Flange to be welded after 36 mtr interval of pipe).	68.00	mtr		
4	Providing circumferential butt welding by electric arc welding to 80mm diameter GI pipe as per IS: 3589-2001 of Grade FE-330 having following wall thickness, welded in requisite number of weld runs as achieve the minimum effective throat thickness of weld confirming to IS: 816-1991 specification by using welding electroads of 2.50mm to 6.30 mm of advani oerlikon (Adore)- CITOJET/ESAB make, confirming to IS 814-1991 at site of work complete in all repect, including manual/mechanical handling of pipes in all leads and lifts to the entire satisfaction of Engineer in Charge.	30759.00	mtr		
				<b>Total=</b>	

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4. The pipe shall be issued free of cost against proper indent at divisional store Fatehpur

**6 JOB**

<b>Name Of Work:- Working estimate for Providing functional house hold tap (FHTC) connection in village Patta Jatian, Jhumb Khas, Takoli etc.through proposed LWSS Patta Jatian in Tehsil Fatehpur Distt. Kangra (HP) under "JAL - JEEVAN-MISSION" (SH:- Providing Laying, Jointing and testing of G.I. pipe 80 mm dia from Node-3 to 4 RD= 2118/0 to RD 1850= 1850 mtr (Tank to Tank line) (Phase- 1st).</b>				<b>Estimate Cost:</b>	<b>372016.00</b>
				<b>Earnest Money:</b>	<b>7440.00</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 and trenches etc., for pipes and pits upto all depth etc., in all kinds of soil such as pick work, jumper work, blasting work and soft and hard rocks, chiseling work/wedging out of rocks (where blasting is prohabbitd) and saturated soil, stacking the excavated earth within all leads and lifts with clear from the edge of excavation and then returnng the stacked soil in 15cm layers when required into plinths sides of foundations and trenches etc., consolidating of all surplus excavated earth as directed by the Engineer-in-charge within all leads, lifts including up rooting of trees, dressing of bed and sides and preparation of sub-grade, providing diversion for traffic night signals fixing caution boards, crossings over trenches for access to houses complete and to the entire satisfaction of Engineer-in-charge.	638.25	cum		
2	Laying in trenches to be levllled to grade, BIS marked GI flanged pipes confirming to BIS:1239(latest with up to date ammendments ) of nominal size 80mm dia (Medium class) duly flanged to be welded after 36.00 mtr. interval of pipe with intermediate butt welded joints including the cost of flanges bends/short pieses made from parent tubes of diferent degrees cutting welding jointing with flanges confirming to tables as specified below of BIS:6392 (latest with upto date ammendments ) welded at both ends as per BIS /816 (latest with -uptodate ammendments)with electrodes confirming to BIS 814 (latest with -uptodate ammendments)and provided nuts & bolts BIS 1379( latest with -uptodate ammendments)of required sizes 4 mm thick champion make compressed asbestos fiber gasket or synthetic rubber gasket confierming to BIS 2712 (latest with -uptodate ammendments)and approved specification as per site condition including flushing cleaning and hydrolic and testing complete to the best specification of engineer- in-charge.	1850.00	Rmt		
3	Providing welding and fixing of MS Flanges 80mm dia confirming to IS:6392-1971(Latest with upto date ammendments) and welding of MS Flanges with G.I. Pipes/MSERW pipes in three layers on both faces to make th joint leake proof (The cost of providing and laying of G.I.Pipes/MSERW Pipe to be mesured and paid sepately). The welding of flanges should confirm to IS 816-1969 with electrodes as per IS 814-1991 and required number of nuts and bolts confirming to IS:1364. The thickness of gasket not less than 3.00 mm confirming to IS:2712-1998. The work shall be done as per entire satisfaction of Engineer in charge with in all leads and lifts (MS Flange to be welded after 36 mtr interval of pipe).	51.00	mtr		
4	Providing circumferential butt welding by electric arc welding to 80mm diameter GI pipe as per IS: 3589-2001 of Grade FE-330 having following wall thickness, welded in requisite number of weld runs as achieve the minimum effective throat thickness of weld confirming to IS: 816-1991 specification by using welding electroads of 2.50mm to 6.30 mm of advani oerlikon (Adore)- CITOJET/ESAB make, confirming to IS 814-1991 at site of work complete in all repect, including manual/mechanical handling of pipes in all leads and lifts to the entire satisfaction of Engineer in Charge.	23220.00	mtr		
				<b>Total=</b>	

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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.