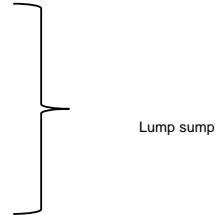


## Schedule of Quantity

**Job. No. 1**

<b>Name of work:- PLWSS Behna Khad to Balidhar, Gowalpur, Teban Sarahan in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing 50 Nos house connections to each house)</b>		<b>Estimated Cost</b>		<b>163475.00</b>	
		<b>Earnest Money</b>		<b>3270.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	309.38	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15 mm	1500.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge.  Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	50.00	Each		



**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.
- 7 Contractor should submit the inventory of connection installed to the house hold with Aadhar card number with each bill.

**Executive Engineer  
Jal Shakti Division Karsog**

## Schedule of Quantity

**Job. No. 2**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing 60 Nos house connections to each house)</b>		<b>Estimated Cost</b>		<b>196170.00</b>	
		<b>Earnest Money</b>		<b>3923.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	371.25	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15 mm	1800.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge.  Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	60.00	Each		

**TERMS AND CONDITIONS :-**

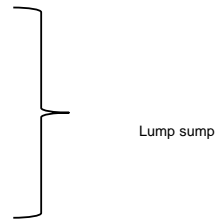
- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 7 Contractor should submit the inventory of connection installed to the house hold with Aadhar card number with each bill.

**Executive Engineer  
Jal Shakti Division Karsog**

**Schedule of Quantity**

**Job. No. 3**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing 58 Nos house connections to each house)</b>		<b>Estimated Cost</b>		<b>189631.00</b>	
		<b>Earnest Money</b>		<b>3793.00</b>	
		<b>Time</b>		<b>1 Month</b>	
<b>S.No.</b>	<b>Description of items</b>	<b>Quantity</b>		<b>Rate</b>	<b>Amount</b>
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	358.88	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15 mm	1740.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge.  Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	58.00	Each		



**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.
- 7 Contractor should submit the inventory of connection installed to the house hold with Aadhar card number with each bill.

**Executive Engineer  
Jal Shakti Division Karsog**

### Schedule of Quantity

**Job. No. 4**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing 65 Nos house connections to each house)</b>		<b>Estimated Cost</b>		<b>212518.00</b>	
		<b>Earnest Money</b>		<b>4250.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	402.19	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15 mm	1950.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge.  Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	65.00	Each		

**TERMS AND CONDITIONS :-**

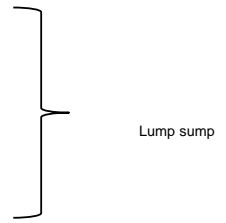
- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 7 Contractor should submit the inventory of connection installed to the house hold with Aadhar card number with each bill.

**Executive Engineer  
Jal Shakti Division Karsog**

**Schedule of Quantity**

**Job. No. 5**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing 68 Nos house connections to each house)</b>		<b>Estimated Cost</b>		<b>222326.00</b>	
		<b>Earnest Money</b>		<b>4447.00</b>	
		<b>Time</b>		<b>1 Month</b>	
<b>S.No.</b>	<b>Description of items</b>	<b>Quantity</b>		<b>Rate</b>	<b>Amount</b>
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	420.75	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15 mm	2040.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge.  Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	68.00	Each		



**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.
- 7 Contractor should submit the inventory of connection installed to the house hold with Aadhar card number with each bill.

**Executive Engineer  
Jal Shakti Division Karsog**

### Schedule of Quantity

**Job. No. 6**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing 64 Nos house connections to each house)</b>		<b>Estimated Cost</b>		<b>209248.00</b>	
		<b>Earnest Money</b>		<b>4185.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	396.00	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15 mm	1920.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge.  Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	64.00	Each		

**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.
- 7 Contractor should submit the inventory of connection installed to the house hold with Aadhar card number with each bill.

**Executive Engineer  
Jal Shakti Division Karsog**

### Schedule of Quantity

**Job. No. 7**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing 70 Nos house connections to each house)</b>		<b>Estimated Cost</b>		<b>228865.00</b>	
		<b>Earnest Money</b>		<b>4577.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	433.13	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15 mm	2100.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge.  Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	70.00	Each		

**TERMS AND CONDITIONS :-**

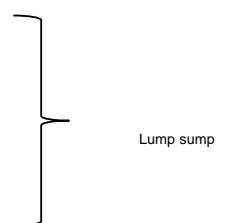
- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.
- 7 Contractor should submit the inventory of connection installed to the house hold with Aadhar card number with each bill.

**Executive Engineer  
Jal Shakti Division Karsog**

### Schedule of Quantity

**Job. No. 8**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing 82 Nos house connections to each house)</b>		<b>Estimated Cost</b>		<b>268099.00</b>	
		<b>Earnest Money</b>		<b>5362.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	507.38	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15 mm	2460.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge.  Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	82.00	Each		



**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.
- 7 Contractor should submit the inventory of connection installed to the house hold with Aadhar card number with each bill.

**Executive Engineer  
Jal Shakti Division Karsog**



## Schedule of Quantity

**Job. No. 9**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing house connections to each house)</b>		<b>Estimated Cost</b>		<b>196170.00</b>	
		<b>Earnest Money</b>		<b>3923.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	371.25	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15mmdia	1800.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge. Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. <span style="float: right;">Lump sump</span> Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	60.00	Each		

**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.
- 7 Contractor should submit the inventory of connection installed to the house hold with Aadhar card number with each bill.

**Executive Engineer  
Jal Shakti Division Karsog**

## Schedule of Quantity

**Job. No. 10**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing house connections to each house)</b>		<b>Estimated Cost</b>		<b>196170.00</b>	
		<b>Earnest Money</b>		<b>3923.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	371.25	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15mmdia	1800.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge. Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	60.00	Each		
	Lump sump				

**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.
- 7 Contractor should submit the inventory of connection installed to the house hold with Aadhar card number with each bill.

**Executive Engineer  
Jal Shakti Division Karsog**

## Schedule of Quantity

**Job. No. 11**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing house connections to each house)</b>		<b>Estimated Cost</b>		<b>196170.00</b>	
		<b>Earnest Money</b>		<b>3923.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	371.25	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15mmdia	1800.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge. Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	60.00	Each		
	Lump sump				

**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.
- 7 Contractor should submit the inventory of connection installed to the house hold with Aadhar card number with each bill.

**Executive Engineer  
Jal Shakti Division Karsog**

## Schedule of Quantity

**Job. No. 12**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH):- Providing house connections to each house)</b>		<b>Estimated Cost</b>		<b>196170.00</b>	
		<b>Earnest Money</b>		<b>3923.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	371.25	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15mmdia	1800.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge. Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	60.00	Each		
	Lump sump				

**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.
- 7 Contractor should submit the inventory of connection installed to the house hold with Aadhar card number with each bill.

**Executive Engineer  
Jal Shakti Division Karsog**

### Schedule of Quantity

**Job. No. 13**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing house connections to each house)</b>		<b>Estimated Cost</b>		<b>196170.00</b>	
		<b>Earnest Money</b>		<b>3923.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	371.25	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15mmdia	1800.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge. Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	60.00	Each		
	Lump sump				

**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.
- 7 Contractor should submit the inventory of connection installed to the house hold with Aadhar card number with each bill.

**Executive Engineer  
Jal Shakti Division Karsog**

## Schedule of Quantity

**Job. No. 14**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH):- Providing house connections to each house)</b>		<b>Estimated Cost</b>		<b>166745.00</b>	
		<b>Earnest Money</b>		<b>3335.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	315.56	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15mmdia	1530.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge. Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	51.00	Each		
	Lump sump				

**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.  
1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.

**Executive Engineer  
Jal Shakti Division Karsog**

## Schedule of Quantity

**Job. No. 15**

<b>Name of work:- PLWSS Behna Khad to Balidhar, Gawalpur, Teban Sarahan in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing house connections to each house)</b>		<b>Estimated Cost</b>		<b>196170.00</b>	
		<b>Earnest Money</b>		<b>3923.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	371.25	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15mmdia	1800.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge. Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	60.00	Each		
	Lump sump				

**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.  
1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.

**Executive Engineer  
Jal Shakti Division Karsog**

## Schedule of Quantity

**Job. No. 16**

<b>Name of work:- PLWSS Behna Khad to Balidhar, Gowalpur, Teban Sarahan in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing house connections to each house)</b>		<b>Estimated Cost</b>		<b>196170.00</b>	
		<b>Earnest Money</b>		<b>3923.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	371.25	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15mmdia	1800.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge. Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	60.00	Each		
	Lump sump				

**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.  
1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.

**Executive Engineer  
Jal Shakti Division Karsog**



## Schedule of Quantity

**Job. No. 17**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH:- Providing house connections to each house)</b>		<b>Estimated Cost</b>		<b>196170.00</b>	
		<b>Earnest Money</b>		<b>3923.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	371.25	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15mmdia	1800.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge. Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	60.00	Each		
	Lump sump				

**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.  
1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.

**Executive Engineer  
Jal Shakti Division Karsog**

## Schedule of Quantity

**Job. No. 18**

<b>Name of work:- PLWSS Behna Khad to Balidhar in GP Balidhar and Sanarli in Tehsil Karsog, Distt. Mandi (HP(SH):- Providing house connections to each house)</b>		<b>Estimated Cost</b>		<b>196170.00</b>	
		<b>Earnest Money</b>		<b>3923.00</b>	
		<b>Time</b>		<b>1 Month</b>	
S.No.	Description of items	Quantity		Rate	Amount
1.00	Excavation in foundation trenches etc. in earth work lift up to 1.5 mtrs. Stacking the excavated soil not more than 3 metres away from the edge of excavation and then returning the stacked soil in 15 cm layers when required in to plinth and sides of foundations, consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres in pick jumper work.	371.25	cum		
2.00	Laying, jointing of GMS tube in trenches of following meter including providing and fixing tube fitting such as bends, tees, air valves, unions and collars etc. including carriage of GI pipes as per direction and to the entire satisfaction of the Engineer-in-charge (earth work in trenches to be measured and paid for separately).				
	15mmdia	1800.00	Rmt.		
3.00	Providing and fixing GI fitting prescribed as under for each house connection and as per direction and to the entire satisfaction of the Engineer-in-charge. Farule 15 mm 1 no. Union 15mm-2nos. Tee 15mm-2nos. Elbow 15mm-3nos. Socket 15mm-2nos. Nipple 15mm 0.23mtr long-2nos. Nipple 15mm 0.60mtr long-1no. Brass tap15mm-1no	60.00	Each		
	Lump sump				

**TERMS AND CONDITIONS :-**

- 1 The contractor shall be responsible for watch and ward of material issued to him and in the event of any theft or loss, the recovery will be made at the double cost of store issue rates.
- 2 The rates should be inclusive of carriage of all material to the site of work in all leads and lifts.
- 3 1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.
- 4 Contractors shall have registration in Employees Provident Fund Organization (EPFO) for EPF No. before award of work
- 5 G.I. pipes will be issued free of cost from Divisional store Karsog
- 6 Fitting should be ISI marked/approved make.  
1% Labour cess will be deducted on gross amount from each bill besides other deductions as applicable.

**Executive Engineer  
Jal Shakti Division Karsog**

**Schedule of Quantity**

**Job. No. 19**

Name of work:- Providing LIS Chakhana Tumman in GP Gawalpur, Tehsil Karsog, Distt. Mandi (HP)(SH:- Laying, Jointing of HDPE pipe from Node DT-OL22, OL22-OL23, OL23-OL24, OL24-BP,BP-OL25 and C/O 5 Nos Out let i/c Hydrant Protection Chamber)		Estimated Cost		464762.00	
		Earnest Money		9295.00	
		Time		3 Months	
S.No.	Description of items	Quantity		Rate	Amount
1	Excavation in foundations trenches etc. in earth work lift up to 1.50 mtrs stacking the excavated soil not more than 3 mtrs clear from the excavation and then returning the wxcavated soil in 15 cm layers when required into plinth sides of foundations etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated soil as directed with in a lead of 20 mtrs in pick jumper work.	159.78	cum		
2	Providing laying jointing and commisioning of HDPE (High Denisty Polythylene pipe) of following diameter and class confirming to IS 4984-1995 with fusion welding process i/c all fittings and accessories e.g coupling Tees Bends Reducers Flanged tail pieces etc at storage tanks in all leads and lifts to the entire satisfaction of Engineer in charge. ( Earth work in trenches to be measured and paid separately) LR				
	PE- 80 PN 8 Kg/Cm2				
	140 mm dia	1500.00	Rmt		
	90 mm dia	0.00	Rmt		
	63 mm dia	10.00	Rmt		
3	Providing and laying Cement concrete 1:3:6(1 cement 3 sand 6 graded stone aggregate 40 mm nominal size)	1.32	cum		
4	10 mm thick Cement concrete 1:2:4(1cement:2sand: 4graded stone agg.20mm nominal size) with floating coat of neat cement	2.00	Sqm		
5	Squarred rubble masonry coursed with hard stone of approved quality in cement mortor 1:4 ( 1 cement : 4 sand)	8.37	sqm		
6	15 mm thick cement plaster in cement mortor 1:3 (1 cement : 3 sand)	30.09	Sqm		
7	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 as per H.P.P.W.D specification including all leads and lifts	1.95	cum		
8	Providing and laying reinforcement cement concrete 1:1 1/2:3(1cement:1 1/2 sand: 3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work				
	i) Foundation footings basis of column and the like and mass concrete	0.29	cum		
	ii) Walls (any thickness) but not less that 0.10 Mtrs.) including attached pilasters buttresses plinth and string course and the like	0.59	cum		

9	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:				
	i)Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like	29.88	Sqm		
	ii) Edges of slab	3.48	Sqm		
10	Providing and laying Cement concrete 1:4:8(1 cement 4 sand 8 graded stone aggregate 40 mm nominal size)	0.15	cum		
11	Providing and laying Cement concrete 1:2:4(1 cement 2 sand 4 graded stone aggregate 20 mm nominal size) complete in vertical walls	0.60	cum		
	Suspended floor	0.27	cum		
12	Providing mild steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts.:	146.25	Kg		
13	Providing and fixing MS cover 0.8 x 0.8 Sqm of suitable thickness	2.00	Nos		
14	Providing and fixing of 63 mm hydrantant GI riser pipe (IS 1239: 1990) Part I, 63 mm PP Ball valve, 63 mm pump connecting nipple GI tee GI nipple ( as per requirement of main & sub main line ) & plain concrete grouting for GI tee & Riser pipe.	4.00	Nos		
15	Providing and fixing RCC Chamber 80 mm dia hydrant including GI Riser pipe 80 mm ,PP Valve, 80 mm pump connecting Nipple, GI Tee Nipple & Coupler etc.	2.00	Nos		
16	Providing and supplying of sprinkler Nozzle Impact P/C 12	2.00	Nos		
17	Providing and supplying of QC service Saddle 50 mm	2.00	Nos		
18	Providing and supplying of QC Sprinkler attachment	2.00	Nos		
19	Providing and supplying of GI riser 3/4" x 0.75 m	2.00	Nos		

**TERMS AND CONDITIONS :-**

- 1 Work will be carried out as per HP.PWD/IPH Specification.
- 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 Income Tax/GST and labour welfare cess shall be deducted from the bill of the contractor as applicable.
- 5 The cement shall be issued by the department to the contractor @ 5900/- per Tonne & tor steel 4950/per Qtl of cost from Divisional Store on proper
- 6 Nothing shall be paid for rejected / below specification
- 7 During execution of work no debries be thrown in such a way which harm trees and environment.

**Executive Engineer  
Jal Shakti Division Karsog**

**Schedule of Quantity**

**Job. No. 20**

<b>Name of work:- Providing LIS Chakhana Tumman in GP Gawalpur, Tehsil Karsog, Distt. Mandi (HP)(SH:- Laying, Jointing of HDPE pipe from Node OL25-OL26, OL30-OL31, OL30-OL32 and C/O 3 Nos Out let i/c Hydrant Protection Chamber)</b>		<b>Estimated Cost</b>		<b>317150.00</b>	
		<b>Earnest Money</b>		<b>6343.00</b>	
		<b>Time</b>		<b>3 Months</b>	
<b>S.No.</b>	<b>Description of items</b>	<b>Quantity</b>		<b>Rate</b>	<b>Amount</b>
1	Excavation in foundations trenches etc. in earth work lift up to 1.50 mtrs stacking the excavated soil not more than 3 mtrs clear from the excavation and then returning the wxcavated soil in 15 cm layers when required into plinth sides of foundations etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated soil as directed with in a lead of 20 mtrs in pick jumper work.	159.78	cum		
2	Providing laying jointing and commisioning of HDPE (High Denisty Polythylene pipe) of following diameter and class confirming to IS 4984-1995 with fusion welding process i/c all fittings and accessories e.g coupling Tees Bends Reducers Flanged tail pieces etc at storage tanks in all leads and lifts to the entire satisfaction of Engineer in charge. ( Earth work in trenches to be measured and paid separately) LR				
	PE- 80 PN 8 Kg/Cm2				
	125 mm dia	125.00	Rmt		
	110 mm dia	260.00	Rmt		
	90 mm dia	110.00	Rmt		
	63 mm dia	15.00	Rmt		
3	Providing and laying Cement concrete 1:3:6(1 cement 3 sand 6 graded stone aggregate 40 mm nominal size)	1.98	cum		
4	10 mm thick Cement concrete 1:2:4(1cement:2sand: 4graded stone agg.20mm nominal size) with floating coat of neat cement	3.00	Sqm		
5	Squarred rubble masonry coursed with hard stone of approved quality in cement mortor 1:4 ( 1 cement : 4 sand)	8.37	sqm		
6	15 mm thick cement plaster in cement mortor 1:3 (1 cement : 3 sand)	30.09	Sqm		
7	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 as per H.P.P.W.D specification including all leads and lifts	1.95	cum		
8	Providing and laying reinforcement cement concrete 1:1 1/2:3(1cement:1 1/2 sand: 3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work				
	i) Foundation footings basis of column and the like and mass concrete	0.29	cum		

	ii) Walls (any thickness) but not less than 0.10 Mtrs.) including attached pilasters buttresses plinth and string course and the like	0.59	cum		
9	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:				
	i)Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like	29.88	Sqm		
	ii) Edges of slab	3.48	Sqm		
10	Providing and laying Cement concrete 1:4:8(1 cement 4 sand 8 graded stone aggregate 40 mm nominal size)	0.15	cum		
11	Providing and laying Cement concrete 1:2:4(1 cement 2 sand 4 graded stone aggregate 20 mm nominal size) complete in vertical walls	0.60	cum		
	Suspended floor	0.27	cum		
12	Providing mild steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts.:	146.25	Kg		
13	Providing and fixing MS cover 0.8 x 0.8 Sqm of suitable thickness	3.00	Nos		
14	Providing and fixing of 63 mm hydrant GI riser pipe (IS 1239: 1990) Part I, 63 mm PP Ball valve, 63 mm pump connecting nipple GI tee GI nipple ( as per requirement of main & sub main line ) & plain concrete grouting for GI tee & Riser pipe.	6.00	Nos		
15	Providing and fixing RCC Chamber 80 mm dia hydrant i/c GI riser pipe 80 mm PP valve, 80 mm pump connecting nipple GI tee Nipple & Coupler etc.	3.00	Nos		
16	Providing and supplying of sprinkler Nozzle Impact P/C 12	3.00	Nos		
17	Providing and supplying of QC service Saddle 50 mm	3.00	Nos		
18	Providing and supplying of QC Sprinkler attachment	3.00	Nos		
19	Providing and supplying of GI riser 3/4" x 0.75 m	3.00	Nos		

**TERMS AND CONDITIONS :-**

- 1 Work will be carried out as per HP.PWD/IPH Specification.
- 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 Income Tax/GST and labour welfare cess shall be deducted from the bill of the contractor as applicable.
- 5 The cement shall be issued by the department to the contractor @ 5900/- per Tonne & tor steel 4950/per Qtl of cost from Divisional Store on proper
- 6 Nothing shall be paid for rejected / below specification
- 7 During execution of work no debries be thrown in such a way which harm trees and environment.

**Schedule of Quantity****Job. No. 21**

<b>Name of work:- Providing Flood Protection work to LWSS Chaira Khad to Dhamoon in Tehsil Karsog, Distt. Mandi (HP) (SH:- C/O Wire crate Embankment)</b>		<b>Estimated Cost</b>		<b>483316.00</b>	
		<b>Earnest Money</b>		<b>9666.00</b>	
		<b>Time</b>		<b>3 Months</b>	
<b>S.No.</b>	<b>Description of items</b>	<b>Quantity</b>		<b>Rate</b>	<b>Amount</b>
1	Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil blasting work and chiseling /wedging out of rocks where blasting work is prohibited up all depth and lifts including pumping and baling out water where ever required stacking the excavated earth not more than 3mtrs.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and disposing of all surplus excavated material within all leads and lifts, useful materials available from excavation to be properly stacked and handed over free of cost to the department as per direction of the Engineer-in-Charge	30.00	cum		
2	Wire create made of GI wire filled with boulders with square cut faces against the wire (Boulder filling to be measured and paid separately) i/c all leads and lifts labour rates (a) GI wire 5 mm thick corresponding to SWG-6 (15 cm x 15 cm mesh).	650.00	Sqm		
3	Wire create made of GI wire filled with boulders with square cut faces against the wire (wire create to be measured and paid separately) i/c all leads and lifts as per direction of Engineer in Charge.	156.25	Sqm		

**TERMS AND CONDITIONS :-**

- 1 Work will be carried out as per HP.PWD/IPH Specification.
- 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 Income Tax/GST and labour welfare cess shall be deducted from the bill of the contractor as applicable.
- 5 During execution of work no debries be thrown in such a way which harm trees and environment.
- 6 Weight of boulder should not less than 18 Kg.

**Executive Engineer  
Jal Shakti Division Karsog**

**Schedule of Quantity**

**Job. No. 22**

<b>Name of work:- Providing LWSS Chaira Khad to Dhamoon in Tehsil Karsog, Distt. Mandi (HP)(SH:- C/O Breast Wall behind Pump House)</b>		<b>Estimated Cost</b>		<b>432939.00</b>	
		<b>Earnest Money</b>		<b>8659.00</b>	
		<b>Time</b>		<b>3 Months</b>	
<b>S.No.</b>	<b>Description of items</b>	<b>Quantity</b>		<b>Rate</b>	<b>Amount</b>
1	Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil blasting work and chiseling /wedging out of rocks where blasting work is prohibited up all depth and lifts including pumping and baling out water where ever required stacking the excavated earth not more than 3mtrs.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and disposing of all surplus excavated material within all leads and lifts, useful materials available from excavation to be properly stacked and handed over free of cost to the department as per direction of the Engineer-in-Charge	12.54	cum		
2	(a) Providing and laying cement concrete 1:6:12 (1 cement: 6 sand: 12 graded crushed stone aggregate and 40 mm nominal size) and curing complete excluding the cost of centring and shuttering including all lerads and lifts: a) Foundation and plinth.	3.58	Cum		
3	Random Rubble masonry /polygonal rubble un-coursed /brought two coat with hard stone of approved quality in foundation and plinth including leveling up cement concrete 1:6:12(1cement: 6sand: 12graded stone agg.20mm nominal size) in plinth level/super structure with 1:6 )1 cement : 6 sand) including all leads and lifts	71.30	Sqm		
4	Boulder filling behind the B/Wall/under channel bed including all leads and lifts.	5.36	Sqm		

**TERMS AND CONDITIONS :-**

- 1 Work will be carried out as per HP.PWD/IPH Specification.
- 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 Income Tax/GST and labour welfare cess shall be deducted from the bill of the contractor as applicable.
- 5 During execution of work no debries be thrown in such a way which harm trees and environment.
- 6 The cement shall be issued by the department to the contractor @ 295/- per bag from Divisional Store on proper Indent.

**Executive Engineer  
Jal Shakti Division Karsog**



**Schedule of Quantity**

**Job. No. 23**

<b>Name of work:- Providing LIS Panjyanu Chhadyara in GP Pangna, Sub-Tehsil Pangna, Distt. Mandi (HP) (SH:- C/O B/Wall &amp; R/Wall to protect the pump house)</b>		<b>Estimated Cost</b>		<b>485590.00</b>	
		<b>Earnest Money</b>		<b>9712.00</b>	
		<b>Time</b>		<b>3 Months</b>	
<b>S.No.</b>	<b>Description of items</b>	<b>Quantity</b>		<b>Rate</b>	<b>Amount</b>
1	Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil blasting work and chiseling /wedging out of rocks where blasting work is prohibited up all depth and lifts including pumping and baling out water where ever required stacking the excavated earth not more than 3mtrs.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and disposing of all surplus excavated material within all leads and lifts, useful materials available from excavation to be properly stacked and handed over free of cost to the department as per direction of the Engineer-in-Charge	41.31	cum		
2	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. with wooden battens and ballies, 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 in :- Vertical walls (any thickness)portions and the like including attached plaster buttresses plinth and string in all leads and lifts all respect as per direction and entire satisfaction of Engineer in Charge upto all leads and lifts.				
	Vertical surfaces such as wall (any thickness & shape), partitiona nad the like i/c attached pilasters, buttresses, plinth and string courses and the like.	117.05	Sqm		
3	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 as per H.P.P.W.D specification including all leads and lifts	72.50	cum		
4	Boulder filling behind the R/Wall dry hand packed tightly as per the direction of entire satisfaction of Engineer in charge	6.05	Sqm		

**TERMS AND CONDITIONS :-**

- 1 Work will be carried out as per HP.PWD/IPH Specification.
- 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 Income Tax/GST and labour welfare cess shall be deducted from the bill of the contractor as applicable.
- 6 The cement shall be issued by the department to the contractor @ 5900/- per Tonne & tor steel 4950/per Qtl of cost from Divisional Store on proper Indent.

**Executive Engineer  
Jal Shakti Division Karsog**

**Schedule of Quantity**

**Job. No. 24**

<b>Name of work:- A/R &amp; M/O WSS Jayee Shalla Teban in GP Teban, Tehsil Karsog, Distt. Mandi (HP)(SH:- C/O RCC Storage Tank of 50000 ltrs cap.)</b>		<b>Estimated Cost</b>		<b>461081.00</b>	
		<b>Earnest Money</b>		<b>9222.00</b>	
		<b>Time</b>		<b>3 Months</b>	
<b>S.No.</b>	<b>Description of items</b>	<b>Quantity</b>		<b>Rate</b>	<b>Amount</b>
1	Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil blasting work and chiseling /wedging out of rocks where blasting work is prohibited up all depth and lifts including pumping and baling out water where ever requared stacking the excavated earth not more than 3mtrs.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and disposing of all surplus excavated material within all leads and lifts, useful materials available from excavation to be properly stacked and handed over free of cost to the department as per direction of the Engineer-in-Charge	43.96	cum		
2	Providing and laying cement concrete 1:3:6(1cement:3sand: 6 graded stone aggregate of 40mm nominal size) curing complete excluding cost of form work i/c in all leads and lifts : Foundation and plinth	2.74	cum		
3	Providing and laying reinforcement cement concrete in M30 grade bu not leaner than 1:1:2 (1cement:1 sand: :6 graded stone agg. 20mm nominal size) and curing complete excluding cost of form work and reinforcement concrete work. Wall (any thickness but not less than 0.1 m i/c attached pillasters,plinth and string courses and the like.				
	(a) Foundation and plinth	4.56	cum		
	(b) Wall (any thickness but not less than 0.1 m thickness) attached pillasters,plinth and string courses and the like.	9.96	cum		
4	Providing and laying cement concrete 1:1 1/2 :3 ( 1cement: 1 1/2 sand: 3graded stone aggregate 20 mm nominal size )and curing complete excluding the cost of form work and reinforcement in:-				
	i) suspended floors, roofs,landings and shelves and their supports, balconies, beams, girders, bressumers and cantilivers etc in all leads and lifts of any shape.	4.25	cum		
5	Providing and laying mild/tor steel reinforcement for RCC work i/c bending, binding and placing in position complete up to floor two level i/c all leads and lifts.	1689.00	Kg		
6	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a rough finish including centering shuttering strutting and propping etc. with wooden battens and ballies, 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 in :- Vertical walls (any thickness)portions and the like including attached plaster buttresses plinth and string in all leads and lifts all respect as per direction and entire satisfaction of Engineer in Charge upto all leads and lifts.				

	Foundation, footings, basis of column and the like and the mass concrete	3.71	Sqm		
	Vertical surfaces such as wall (any thickness & shape), partition and the like i/c attached pilasters, buttresses, plinth and string courses and the like.	99.57	Sqm		
	iii) Flat surfaces such as soffits and suspended floors and roofs and landing and like.	64.93	Sqm		
7	Providing and laying in trenches GMS tube (LG) tube fitting (earth work in trenches to be measured and paid separately)				
	a) Inlet pipe - 65 mm dia	3.00	Rmt		
	b) Out let pipe - 80 mm dia	3.00	Rmt		
	c ) Scour pipe - 100 mm dia	6.00	Rmt		
8	Providing and fixing Gun Metal wheel valve with hand wheel complete in all respect				
	a) Inlet valve - 65 mm dia	1.00	Nos		
	b) Supply valve - 80 mm dia	1.00	Nos		
	c ) Scour valve- 100 mm dia	1.00	Nos		

**TERMS AND CONDITIONS :-**

- 1 Work will be carried out as per HP.PWD/IPH Specification.
- 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 Income Tax/GST and labour welfare cess shall be deducted from the bill of the contractor as applicable.
- 5 The cement shall be issued by the department to the contractor @ 5900/- per Tonne & tor steel 4950/per Qtl of cost from Divisional Store on proper
- 6 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.

**Executive Engineer  
Jal Shakti Division Karsog**

**Schedule of Quantity**

**Job. No. 25**

<b>Name of work:- Remodeling of WSS Shorta Kalashan in Tehsil Karsog, Distt. Mandi (HP) (SH:- Providing Laying, jointing and testing of GMS pipe 25 mm dia from Sector Storage Tank Chindi to Lower Chindi)</b>		<b>Estimated Cost</b>		97560.00	
		<b>Earnest Money</b>		1991.00	
		<b>Time</b>		3 Months	
<b>S.No.</b>	<b>Description of items</b>	<b>Quantity</b>		<b>Rate</b>	<b>Amount</b>
1	Excavation in foundations trenches etc in all kind of soil in all leads and lifts such as pick work, jumper work in saturated/un saturated soil including bailing out water, blasting work in hard/soft rock or chiseling in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited in all leads and lifts, stacking the excavated earth more then 3 mtrs. clear from the edge of excavation and then returning the stacked soil in 15 cm layers when required into plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and disposing of all surplus excavated earth as directed within all leads and lifts and handing over the usable materials available form excavation to department free of cost as per direction and to the entire satisfaction of Engineer-in-Charge within all leads and lifts.	221.48	Cum		
2	Laying, jointing and testing in trenches galvanised mild steel screwed and socketed/flanged pipes of following diameter and class, tube fittings in trenches i/c carriage of pipes (earth work to be measured and paid for seprately) complete in all respect and to the entire satisfaction of the Engineer-in-Charge (LR) :- a) 25 mm dia	1250.00	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 Income tax, GST, Labour Cess & security will be deducted from each bill of the contractor as applicable .
- 5 G.I. Pipe will be issued by the department free of cost at I& PH Divisional store Karsog against proper Indent.

**Executive Engineer  
Jal Shakti Division Karsog**

Schedule of Quantity				Job. No. 26		
Name of work:- A/R & M/O Puni to Lol via Bag Sanana Riyuni in Tehsil Karsog, Distt. Mandi (HP)(SH:- Provision for protection of water treatment unit)				Estimated Cost		228784.00
				Earnest Money		4576.00
				Time		3 Months
S.No.	Description of items	Quantity		Rate	Amount	
1	Excavation in foundations trenches etc in earth work in all kind of soil such as pick work, jumper work, blasting soft or hard rock or by chiseling 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 form the edge of excavation and returning the excavated soil after completion of work in 15 cm layers when required in to plinthm sides of foundation etc. consolidatingf 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 satisfiection of the Engineer-in-Charge	4.32	Cum			
2	Laying, jointing and testing in trenches galvanised mild steel screwed an socketed/flanged pipes of following diameter and class, tube fittings in trenches i/c carriage of pipes (Earth work in trenches to be measured and paid for separately) complete in all respect an to the entire satisfiection of the Engineer-in-Charge	1.44	Cum			
3	Steel work welded in built up section trusses and framed work i/c cutting, hoisting fixing in position and applying a priming coat of red lead paint.	19.27	Qtl			

**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 Income tax, GST, Labour Cess & security will be deducted from each bill of the contractor as applicable .
- 5 Cement shall be issued by the department @ 5900 /- Per Tonne and steel 4950/- per Qtl. at I&PH Divisional store Sarnali Karsog .

**Executive Engineer  
Jal Shakti Division Karsog**