

**SCHEDULE OF QUANTITY**

Estimated cost:- 150510

Name of Work:- R/M of GWSS Nabho Ki Nali in G.P.Pratha Tehsil Kasauli Distt. Solan.(SH:-  
Laying and jointing of G.I.pipe to village Bagetu from new source.)

Earnest money:- 3050

Time:- One month

Sr. No.	Description of item	Qty	Rate	Unit	Amount
1	Excavation in drains and channel etc in earth work in all kinds of soil such as kankar, moorum shingles conglomerate saturated soil and decomposed soft and hard rock hard rock including including dressing of sides and beds , disposing of excavated earth with all leads, lifts disposed earth to be levelled and neatly dressed and then returning the stacked soil into foundation and trenches etc. including ramming and consolidating the same wherever required with all leads, lifts and including jungle clearance and as per the direction of Engineer-in-charge.	300		P/Cum	
2	Laying,jointing,testing and commissioning in trenches galvanised mild steel tube of following dia (Light grade) including providing and fixing tube fittings such as reducer increasers, sockets, union,tees,bends etc. where ever required and as per the direction of Engineer-in-charge including entire carriage of material upto all leads and lifts.				
	32mm dia	600		P/Rmt	
	20mm dia	600		P/Rmt	
					<b>Total:-</b>

**TERMS AND CONDITIONS:-**

- 1 The undersigned reserves the right to accept or reject any or all the tenders without assigning any reason thereof.
- 2 The work will be got executed as per IPH/PWD specification.
- 3 GST security will be deducted from the contractor bill as applicable.
- 4 Nothing will be paid for sub-standard work/material.
- 5 Work shall be started within 15 days after the date of award and completed in stipulated period.
- 6 Contractor shall be responsible for all leakage in the jointing of pipes, which shall be set right by the contractor at his own cost
- 7 The Contractor is responsible to watch & ward the material at site of work.
- 8 The material/ repair will be guaranteed for a period of one year.
- 9 G.I. pipes will be issued to the contractor free of cost on proper indent at IPH Store Solan. Further carriage and watch and ward will be the responsibility of the contractor. Shortage of G.I. pipe will be recovered on double rate as per Store issue rate.

**Executive Engineer  
J.S. Division Solan**

**SCHEDULE OF QUANTITY**

Name of Work:- R/M of GWSS Nabho Ki Nali in G.P.PrathaTehsil Kasauli Distt. Solan.(SH:-  
Changing the dia of existing line from source to village Badhiyana)

Estimated cost:- 151988  
Earnest money:- 3050  
Time:- One month

Sr. No.	Description of item	Qty	Rate	Unit	Amount
1	Excavation in drains and channel etc in earth work in all kinds of soil such as kankar, moorum shingles conglomerate saturated soil and decomposed soft and hard rock hard rock including including dressing of sides and beds , disposing of excavated earth with all leads, lifts disposed earth to be levelled and neatly dressed and then returning the stacked soil into foundation and trenches etc. including ramming and consolidating the same wherever required with all leads, lifts and including jungle clearance and as per the direction of Engineer-in-charge.	313		P/Cum	
2	Laying,jointing,testing and commissioning in trenches galvanised mild steel tube of following dia (Light grade) including providing and fixing tube fittings such as reducer increasers, sockets, union,tees,bends etc. where ever required and as per the direction of Engineer-in-charge including entire carriage of material upto all leads and lifts.  20mm dia	1250		P/Rmt	
					<b>Total:-</b>

**TERMS AND CONDITIONS:-**

- 1 The undersigned reserves the right to accept or reject any or all the tenders without assigning any reason thereof.
- 2 The work will be got executed as per IPH/PWD specification.
- 3 GST security will be deducted from the contractor bill as applicable.
- 4 Nothing will be paid for sub-standard work/material.
- 5 Work shall be started within 15 days after the date of award and completed in stipulated period.
- 6 Contractor shall be responsible for all leakage in the jointing of pipes, which shall be set right by the contractor at his own cost
- 7 The Contractor is responsible to watch & ward the material at site of work.
- 8 The material/ repair will be guaranteed for a period of one year.
- 9 G.I. pipes will be issued to the contractor free of cost on proper indent at IPH Store Solan. Further carriage and watch and ward will be the responsibility of the contractor. Shortage of G.I. pipe will

**Executive Engineer  
J.S. Division Solan**

**SCHEDULE OF QUANTITY**

**Name of Work:-** R/M of various LWSS/ LIS under JSV section Chambaghat under Jal Shakti Sub Division Solan No.III (SH:-S/F of Power Capacitors and repair of panels).

Estimated Cost Rs:- 3,30,000/-

Earnest Money Rs:- 6600/-

Time Period :- One month.

<b><u>Sr. No.</u></b>	<b><u>Description of item</u></b>	<b><u>Qty</u></b>	<b><u>Rate</u></b>	<b><u>Unit</u></b>	<b><u>Amount</u></b>
1	Providing and fixing of power capacitor of suitable make such as L&T,Havells,Standard make including entire carriage of material upto all leads and lifts and as per direction of Engineer-in-charge including entire carriage of material upto all leads and lifts.complete in all respect	500		Per KVAR	
2	Supply and fixing 6mm2x3 core copper cable suitable for power capacitors including entire carriage of material upto all leads and lifts.complete in all respect	50		Meter	
3	Providing and fixing ICTP switch of L&T/Havells/standard make complete with HRC fuse of 320 a capacity complete in all respect.	2		No	
4	Complete repair of panel board of 3x120 HP, including replacing of defective parts,removing carbon from bus bar,replacing old thimbles etc complete in all respect and to the satisfaction of direction of the Engineer -in-charge.complete in all respect	1		Job	
5	Supply and fixing of single core copper cable 70mm 2 of suitable make such as L&T, Havells,Finolex,KSB etc.complete in all respect.	50		Meter	
					<b><u>Total:-</u></b>

**TERMS AND CONDITIONS:-**

- 1 Material F.O.R site of work
- 2 The undersigned reserve the right to accept or reject any or all tender without assigning any reason thereof.
- 3 The work will be got executed as per IPH specifications.
- 4 Security,GST and other statutory deductions will be made as applicable.
- 5 The work/material shall be guaranteed for a period of one year  
Work shall be started within 15 days after the date of award and completed in stipulated time

**Executive Engineer  
J.S. Division Solan**

**SCHEDULE OF QUANTITY**

NAME OF WORK :- R/M of various LWSS & LIS under IPH Section Kumarhatti under IPH S/Division No 3 Solan  
District Solan (SH: - S/F of Power Capacitors) .

Estimated Cost:- 239000

Earnest Money:- 4800

Time:- One month

Sr. No.	Description	Qty	Rate	Unit	Amount
1	Providing and fixing of power capacitor of suitable make such as L&T , Havells , Standard make including entire carriage of material upto all leads and lifts and as per direction of Engineer-in-charge including entire carriage of material upto all leads and lifts.	550		Per KVAR	
2	Supply and fixing 6mm <sup>2</sup> x 3 core copper cable suitable for power capacitors including entire carriage of material upto all leads and lifts.	50		Meter	
<b>Total :-</b>					

**Terms and Conditions :-**

- 1 Material F.O.R site of work
- 2 The undersigned reserve the right to accept or reject any or all the tender without assigning any reason thereof.
- 3 The Work will be got executed as per IPH specifications .
- 4 Security , GST and other statutory deductions will be made as applicable .
- 5 The work /material shall be gauranteed for a period of one year
- 6 Work shall be started with in 15 days after the date of award and completed in stipulated time .

Executive Engineer  
Jal Shakti Division Solan

**SCHEDULE OF QUANTITY**

**Name of work:-** A/R & M/O Drinking water supply to Solan Town. (SH:- O&M of WTP 14.72 MLD capacity for six month job in Tehsil & Distt. Solan HP).

Estimated Cost Rs:- 4,46,286/-  
Earnest Money Rs:- 8900/-  
Time Period :- Six months.

<b><u>Sr. No</u></b>	<b><u>Description of item</u></b>	<b><u>Qty</u></b>	<b><u>Rate</u></b>	<b><u>Unit</u></b>	<b><u>Amount</u></b>
1	Operation and maintenance of water treatment plant of 14.72 MLD capacity including all components with requisite staff for a period of 6 months from the date of award under the strict supervision of department. The cost of material i.e. Alum, bleaching powder and energy charge shall be borne by the department. The firm shall operate, run & maintain the WTP strictly as per O&M manual for a period of six month. Doses of Alum/ Bleaching powder & PAC etc shall be fixed by the department and testing in the laboratory shall be done by the department through departmental staff.	6		Per Month Job	

**Total Rs.:-**

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**TERMS AND CONDITIONS:-**

- 1 The undersigned reserves the right to accept or reject any or all the tenders without assigning any reason thereof.
- 2 The work will be got executed as per IPH specification.
- 3 Security, GST and other statutory deductions will be made as applicable.
- 4 Nothing will be paid for sub-standard work/material.

Executive Engineer  
J.S. Division Solan

**SCHEDULE OF QUANTITY**

**Name of work:-** A/R & M/O Drinking water supply to Solan Town from Giri River. (SH:- Repair & maintenance of joints 450mm dia API twin rising main for 6 months.

Estimated Cost Rs:- 4,30,815/-  
Earnest Money Rs:- 8600/-  
Time Period :- Six months.

<b><u>Sr. No</u></b>	<b><u>Description of item</u></b>	<b><u>Qty</u></b>	<b><u>Rate</u></b>	<b><u>Unit</u></b>	<b><u>Amount</u></b>
1	Excavation in foundation and trenches etc. in earth work, lift upto 1.50 mtrs. stacking the excavated soil not more than 3mtrs clear from the edge of excavation and then returning the stacked soil in 15cm layers when required into plinths sides of foundations etc. consolidating each deposited layers by ramming and watering and then disposing of all surplus excavated earth as directed within a lead of 20 mtrs in pick jumper work in all leads and lifts & as per direction of the Engineer in-charge.	291		P/Cum	
2	Development of following labour for annual repair and maintenance of twin rising main, removal of bushes alongwith rising main for creating space for welding, loosening tightening of nuts & bolts providing and removal of damaged metallic gasket sheet, refilling of earth work and coating to exposed pipe with bitumetic plants etc for 180 days. Fitter 1x 180 days = 180 Beldar 4x 180 days = 720	180 720		Each Each	
3	Cutting of MSERW pipe 450mm dia with welding including welder, welding set, welding rods etc. complete in all respect.	2119.5		Each	
4	Welding of MSERW pipe joints 450mm dia in 3 layers including welder, welding set, welding rods complete in all respect.	6358.5		Each	
5	Providing and fixing of new supper metallic gasket sheet champion make not less than 3mm thick 10 Nos. as per actual complete in all respect.	10		Each	
<b>Total Rs.:-</b>					

**TERMS AND CONDITIONS:-**

- 1 The undersigned reserves the right to accept or reject any or all the tenders without assigning any reason thereof.
- 2 The work will be got executed as per IPH specification.
- 3 Security, GST and other statutory deductions will be made as applicable.
- 4 Nothing will be paid for sub-standard work/ material.
- 5 The firm/ contractor should have completed similar job with 450mm dia API pipe joint require work. Certified copy/ completion certificate from Executive Engineer concerned be appended.

Executive Engineer  
J.S. Division Solan

**SCHEDULE OF QUANTITY**

**Name of work:-** R/M of LWSS Saproon. (SH:- Supply of chlorine gas for a period of one year at gaseous chlorination plant (1MLD) at Deonghat complete in all respects & all other works contingent there to at Solan).

Estimated Cost Rs:- 1,75,000/-

Earnest Money Rs:- 3500/-

Time Period :- Three months.

<b><u>Sr. No</u></b>	<b><u>Description of item</u></b>	<b><u>Qty</u></b>	<b><u>Rate</u></b>	<b><u>Unit</u></b>	<b><u>Amount</u></b>
1	Supplying of chlorine gas refilled in empty chlorine gas cylinder (100 kgs. Capacity) for a period of one year conforming to above mentioned standards including all leads, lifts etc. complete in all respects	1000		Kg	
2	Replacement of defunct parts of gaseous type chlorinator (if required) such as:-				
a)	Chlorinator Regulator.	1		Each	
b)	Chlorinator ejector	1		Each	
c)	Chlorinator diaphragm.	1		Each	
d)	Chlorinator NRV	1		Each	
e)	Chlorinator glass Rotameter	1		Each	
f)	Chlorinegas PE tubing (6 mtrs.)	1		Each	
g)	Repair of 3 HP electric Motor, Pump & starter etc	1		Each	
h)	Replacement of damaged valves of chlorine gas cylinder.	1		Each	
				<b><u>Total:-</u></b>	

**TERMS AND CONDITIONS:-**

- 1 The work should be done as per IPH specification and direction of Engineer-in-Charge.
- 2 Security, GST and other statutory deduction will be deducted from the contractor's bill as applicable.
- 3 Nothing shall be paid for rejected work/ material
- 4 The material/ work shall be used of ISI mark and will be guaranteed for a period of one year after expiry of guarantee period.
- 5 The Contractor is responsible to watch and ward of material at site of work.
- 6 The quoted rates should include all taxes and carriage charges etc. and nothing extra will be paid.
- 7 The authorization certificate of dealership & experience certificate shall be produced by the contractor with the technical bid.
- 8 The latest performance report of similar works done be also required with the technical bid.

Executive Engineer

J.S. Division Solan

**SCHEDULE OF QUANTITY**

**Name of work:-** R/M of LWSS to Solan from Ashwani Khud. (SH:- supply of chlorine gas for (4 MLD Gaseous plant) a period of one year complete in all respects & all other works contingent there to at Solan).

Estimated Cost Rs:- 4,35,000/-

Earnest Money Rs:- 8700/-

Time Period :- Three months.

<b><u>Sr. No</u></b>	<b><u>Description of item</u></b>	<b><u>Qty</u></b>	<b><u>Rate</u></b>	<b><u>Unit</u></b>	<b><u>Amount</u></b>
1	Supplying of chlorine gas refilled in empty chlorine gas cylinder (100 kgs. Capacity) for a period of one year conforming to above mentioned standards including all leads, lifts etc. complete in all respects	3600		Kg	
2	Replacement of defunct parts of gaseous type chlorinator (if required) such as:-				
a)	Chlorinator Regulator.	1		Each	
b)	Chlorinator ejector	1		Each	
c)	Chlorinator diaphragm.	1		Each	
d)	Chlorinator NRV	1		Each	
e)	Chlorinator glass Rotameter	1		Each	
f)	Chlorinegas PE tubing (6 mtrs.)	1		Each	
g)	Repair of 3 HP electric Motor, Pump & starter etc	1		Each	
h)	Replacement of damaged valves of chlorine gas cylinder.	1		Each	
					<b><u>Total:-</u></b>

**TERMS AND CONDITIONS:-**

- 1 The work should be done as per IPH specification and direction of Engineer-in-Charge.
- 2 Security, GST and other statutory deduction will be deducted from the contractor's bill as applicable.
- 3 Nothing shall be paid for rejected work/ material
- 4 The material/ work shall be used of ISI mark and will be guaranteed for a period of one year after expiry of guarantee period.
- 5 The Contractor is responsible to watch and ward of material at site of work.
- 6 The quoted rates should include all taxes and carriage charges etc. and nothing extra will be paid.
- 7 The authorization certificate of dealership & experience certificate shall be produced by the contractor with the technical bid.
- 8 The latest performance report of similar works done be also required with the technical bid.

Executive Engineer

J.S. Division Solan



**SCHEDULE OF QUANTITY**

**Name of work:-** Repair & maintenance of DWSS to Solan Town from Giri River in Tehsil & Distt. Solan HP. (SH:- Operation and maintenance of raw water pumping machinery stage at Gaura) (for 6 month).

Estimated Cost Rs:- 4,09,236/-  
Earnest Money Rs:- 8,200/-  
Time Period :- Six months.

<b><u>Sr. No</u></b>	<b><u>Description of item</u></b>	<b><u>Qty</u></b>	<b><u>Rate</u></b>	<b><u>Unit</u></b>	<b><u>Amount</u></b>
1	Operation & maintenance (except for major repair of pumps, rewinding of motors and replacement of mechanical seals) of 3 Nos. 85 HP pump sets(submersible) installed raw water stage at Gaura for DWSS Solan Town including all repair time to time repair such as painting of equipments and replacement of M. oil at regular intervals for a period of 6 months. The cost of operation and maintenance shall include development of adequate staff i.e. pump operators, helper, beldar, chowkidar, supervisor, electrician and the visit of expert Electrical/ Mechanical Engineers of original manufactures/ contractors owned for periodical maintenance for atleast once in a month. The offer shall include cost of maintenance and repair of electrical & mechanical equipments (except for replacement of major equipments as a whole) various control valves, reflux valves, common header, suction strainer, water level indicator system, all electrical panels etc. The firm shall provide general consumable materials like florescent tubes, indicating lamps, cleaning materials, gasket of required size and pressure rating lubricating materials i.e. oil, grease and spare parts etc. The offer shall be subject to all terms and conditions given in DNIT.	6		month	

**Total Rs.:-**

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**TERMS AND CONDITIONS:-**

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- 2 The work will be got executed as per IPH specification.
- 3 Security, GST and other statutory deductions will be made as applicable.
- 4 Nothing will be paid for sub-standard work/ material.

Executive Engineer  
J.S. Division Solan

**SCHEDULE OF QUANTITY**

**Name of work:-** Operation of Lift Irrigation Scheme Kohari in GP Bisha Tehsil Kandaghat Distt. Solan.  
(For six months).

Estimated Cost Rs:- 2,24,190/-  
Earnest Money Rs:- 4500/-  
Time Period :- Six months

<b><u>Sr. No.</u></b>	<b><u>Description of item</u></b>	<b><u>Qty</u></b>	<b><u>Rate</u></b>	<b><u>Unit</u></b>	<b><u>Amount</u></b>
1	Pump operator for pumping machinery (2x180= 360 days)	360		Days	
2	Helper/ chowkidar for operation of pumping machinery and safety of machinery 2x180=360 days)	360		Days	
3	Electrician Grade 1 for repair and maintenance of electrical equipments/ pumping machinery of various water supply and irrigation schemes (For one month) (1x30= 30 days)	30		Days	
<b>Total Rs.:-</b>					

**TERMS AND CONDITIONS:-**

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- 2 The work will be got executed as per IPH specifications.
- 3 Security, GST & other statutory deduction shall be made as applicable.
- 4 Work shall be started within 15 days after the date of award and completed in stipulated period.

Executive Engineer  
IPH Division Solan