

Job No1**SCHEDULE OF QUANTITY**

Name of work:- R/M of various hand pumps under IPH Sub Division No.III Solan in Division Solan. (SH:-Flushing of 10 No. hand pumps).

Estimated Cost Rs:- 1,93,150/-
Earnest Money Rs:- 3900/-
Time Limit :- One month.

Sr. No.	Description	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Transportation of suitable Rig/truck mounted where only road available,DTH & ODEX/ Percussion /Calyx/RC drilling portable rigs alongwith necessary accessories etc. to the site of work and erection of portable rig including levelling etc.complete in all respects as per directions of Engineer-in- Charge.	10			Each	
2	Dismantling and opening of existung pump assembly, riser pipes,connecting rods,cylinder and all allied accessories complete in all respects as per directions of Engineer-in- Charge.	10			Each	
3	Lowering and drilling rod including bit upto the depth of the bore complete in all respects and removal of the same as per directions of Engineer-in- Charge.	10			Each	
4	Flushing/ Development of bore well and yield testing with air compressor though V-notch and disinfection etc. complete in all respects as per IS 2800-1979 and as per directions of Engineer-in- Charge.	10			Each	
5	Lowering of cylinder,riser pipes,connecting rods and all allied accessories and fixing pump head assembly complete in all respects as per IS 2800-1979 and as per directions of Engineer-in- Charge.	10			Each	
6	Drilling bores of 115 mm dia as per IS: 2800-1979 from bottom of overburden to required depth in conglomerate, collapsible strata and rocky formations complete in all respects as per directions of the Engineer-in- Charge/Hydrogeologist.	100			P/Rmt	
Total:-						

TERMS AND CONDITONS:-

- The work should be done as per IPH specification and direction of Engineer-in-Charge.
- Security, GST and other statutory deductions will be made as applicable.
- Nothing shall be paid for rejected work/material
- Dismantled connecting rods and riser pipes will be returned to the department
- The repair/material will be guaranteed for a period of one year.
- New parts should conform the same specification as replaced ones.

Executive Engineer
I&PH Division Solan

SCHEDULE OF QUANTITY**Job No.2**

Estimated Cost Rs:- 2,59,953/-

Earnest Money Rs:- 5200/-

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

Sr. No.	Description	Qty.	Rate		Unit	Amount
			In fig.	In words		
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.	300			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 2x 180 days = 360	180 360			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	
6	Provision of new nuts & bolts in rising main dia 450mm in lieu of replacement of new nuts & bolts complete in all respect.	100			Kg	
Total Rs.:-						

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
IPH Division Solan

SCHEDULE OF QUANTITY**Job No.3**

Estimated Cost Rs:- 1,59,338/-

Earnest Money Rs:- 3200/-

Time Limit :- One month.

Name of work:- Providing WSS to PC habitation of Rundan Ghoron in GP Chewa Tehsil & Distt. Solan HP. (SH:- C/O RCC storage tank 50,000 ltr capacity).

Sr. No.	Description	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Excavation in foundation and trenches in all type of soil such as pickwork jumper work blasting soft & hard rock and through conglomerate rock upto all leads & lifts 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 in all leads and lifts & as per directed of the Engineer-in-charge.	47.54			Cum	
2	Providing and laying cement concrete 1:4:8 (1cement: 4approved sand: 8app.graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in foundation and plinth and as per the direction of Engineer-in-charge including entire carriage of material upto all leads and lifts.	1.26			Cum	
3	Providing and laying cement concrete 1:1.5:3 (1cement:1.5approved sand:3approved graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work in:-					
(a)	Wall (any thickness but not less than 0.1m thickness) attached pillars,buttresses plinth and string courses etc. from top to foundation level upto floor two level and as per the direction of Engineer-in-charge.including entire carriage of material upto all leads and lifts.	10.04			Cum	
(b)	Foundation and plinth including entire carriage of material upto all leads and lifts..	1.9			Cum	
4	Providing & laying cement concrete 1:2:4 (1 cement :2 sand :4 graded stone aggregate 20mm nominal size and curing complete excluding cost of form work & reinforcement for RCC work in suspended floors, roofs landings shelve & their supports balconies girders bresumers and cantilevers upto floor two level i/c entire carriage of material upto all leads & lifts.	2.24			Cum	
5	Providing tor steel reinforcement for RCC work including bending,winding and placing in position complete upto floor two level.as per the direction of Engineer-in-chief including entire carriage of material upto all leads and lifts.	861			Kg	
6	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a fair finish. Including centring,shuttering strutting and propping etc. with wooden battens and ballies height of propping and centring below supporting floor to ceiling not exceeding 4mtrs and removal of the same for insitu reinforced concrete and plain concrete work in:-					
i)	Vertical surface such as wall of (any thickness) partition and the like including attached pillar buttresses plinth and string courses and like and as per the direction of Engineer-in-charge .including entire carriage of material upto all leads and lifts.	52.07			Sqm	
ii)	Flat surfaces such as soffits suspended floors roofs, landings and the like floors etc upto 200mm in thickness and as per the direction of Engineer-in-charge.	15.71			Sqm	
iii)	Edges of slabs & breaks in floors & walls under 20cm wide.	17.29			Rmt.	
7	Providing & fixing man hole cover with frame 500mm dia (medium duty) total weight of frame and cover should not be less than 116 Kg. (weight of frame 58 kg and weight of cover 58 kg).	1			Each	
Total Rs.:-						

TERMS AND CONDITIONS:-

- The undersigned reserves the right to accept or reject any or all the tenders without assigning any reason thereof.
- The work will be got executed as per IPH/ PWD specification.
- Security, GST and other statutory deduction will be deducted from the contractor's bill as applicable.
- Nothing will be paid for sub-standard work/material.
- Work shall be started within 15 days after the date of award and completed in stipulated period.
- Stone aggregate/sand shall be used of approved quarry.
- The quoted rates should include all taxes and carriage charges etc. and nothing extra will be paid on this account.
- Useable material found at site while execution will be stacked properly and the same will be the property of the department.
- Cement @ 275/-per bag & steel @ 4700/- Per Qtl. will be issued from the IPH Store Solan.
- Empty bag required to be handed over to the deptt otherwise the recovery @ Rs. 5/-per bag will be made.
- Royalty for the material i.e. Sand, aggregate & stone shall be deducted from the bills as applicable

Executive Engineer
IPH Division Solan

Job No.4**SCHEDULE OF QUANTITY**

Name of work:- R/M of various LWSS under IPH section Kandaghat Sub Division Kandaghat Distt. Solan HP. (SH:- Repair of pumping machinery of 13 Nos LWSS schemes for two years).

Estimated Cost Rs:- 4,97,882/-
Earnest Money Rs:- 10,000/-
Time Limit :- One month.

Sr. No.	Description	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Repair & maintenance of induction motor, centrifugal pumps, panel boards complete i/c starter, main switch, capacitor, Ampere meter, volt meter, selector switch, bus bar, thimbles, CT, kitkat, three phase indicating lamps, repair of sluice valves, reflux valves, PVC copper wire (excluding motor side cable armored/ submersible & varnishing complete in all respect.	742			P/HP	
Total Rs.:-						

Sr. No.	Name of schemes	Detail of pumping machinery	No. of sets	H.P.	Total H.P.
1	R/M of LWSS Kohari Kiartoo 1st stage	Centrifugal	2	60	120
	R/M of LWSS Kohari Kiartoo 2nd stage	Centrifugal	2	60	120
2	R/M of LWSS Dolag	Centrifugal	2	60	120
3	R/M of LWSS Dharol Basha	Centrifugal	2	50	100
4	R/M of LWSS Kamahalla	Centrifugal	2	15	30
5	R/M of LWSS Tikker Kehlog	Centrifugal	2	25	50
6	R/M of LWSS Ruda Balowala	Centrifugal	2	15	30
7	R/M of LWSS Hathon Palech	Centrifugal	2	25	50
8	R/M of LWSS Birni	Centrifugal	2	30	60
9	R/M of LWSS Begetoo	Centrifugal	2	25	50
10	R/M of LWSS Shungal	Submersible	1	3	3
11	R/M of LWSS Shadhial	Submersible	1	3	3
12	R/M of LWSS Nagon	Submersible	1	3	3
13	R/M of LWSS Silhari	Submersible	1	3	3
Total HP:-					742

Terms and conditions:-

- The work shall be done as per IPH specifications.
- Security, GST etc will be deducted as applicable.
- Nothing shall be paid for rejected work/ material.
- The scheme will be handed over to the contractor in smooth running condition and the contractor will hand over the scheme to the department after expiry of the contract in the same manner.
- All the material to be used for repair should be confirming to relevant ISI.
- The contractors/ firms should have their established workshops with trained and sufficient manpower. The list of manpower should be submitted alongwith proof of workshops.
- The stand by pump set and electrical accessories must always be in working condition which shall be open to inspection by department any
- The scheme shall not remain out of order for more than two days because of faulty pumping machinery & electrical accessories other wise department will be at liberty to intervene and get it repaired at contractor's risk& cost and penalty @ Rs. 5000/- per day shall be imposed after two days.
- In case of submersible pump sets the cost of taking out pump sets from bore well and lowering back should be included in quoted rates.
- The cost of carriage of damaged pumping machinery electrical accessories from pump house to workshop and back should be included in the
- Payment schedule for each quarter shall be as under:-
10% after expiry of 1st quarter.
10% after expiry of 2nd quarter.
10% after expiry of 3rd quarter.
10% after expiry of 4th quarter.
10% after expiry of 5th quarter.
10% after expiry of 6th quarter.
20% after expiry of 7th quarter.
20% after expiry of 8th quarter.
- The service tax shall be paid extra as applicable from time to time on production of receipt from income tax department. It will be the responsibility of the contractor/ firm to provide deposit and actual claim refund.
- The repair cost of valve, NRV and sluice valve should be included in quoted rates. However, the replacement if required shall be borne by the
- The contractors/ firms must use genuine and ISI marked/ branded spare parts for all repairs.
- The dismantled material will belong to the contractor/ firm and Assistant Engineer shall certify that dismantled parts have been replaced with the genuine
- Notwithstanding any thing mentioned above, if any dispute arises regarding repair/ replacement or as per requirement each decision of the Engineer-in-charge will be
- Only such contractors/ firms can quote their rates who have their own workshop.

Executive Engineer
IPH Division Solan