

				Job No.1		
SCHEDULE OF QUANTITY						
				Estimated Cost Rs:-	181594/-	
				Earnest Money Rs:-	3600/-	
				Time Period :-	One months.	
Name of work:- R/M of LWSS Banasar Sandhog in GP Banasar. (SH:- C/O RCC distribution tank in Banasar 51000 ltrs 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 Kankar, moorum, shingles including decomposed soft and hard rock etc. upto all heights 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 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.	33.74			Cum	
2	Providing and laying cement concrete 1:4:8 (1 cement:4:sand :8graded stone agg. 40 mm nominal size) and curing complete excluding the cost of form work in foundation and plinths. including entire carriage of material upto all leads and lifts.	2.24			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)	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.	3.37			Cum	
b)	Wall (any thickness but not less than 0.1m thickness) attached pillasters,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.	9.6			Cum	
4	Providing and laying cement concrete 1:2:4(1cement:2approved sand:4app.graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work & reinforcement for reinforced concrete work in:- suspended floor,roofs, landing and shelves and their supports balconies,beam,girders bressumers and cantilevers upto floor two level.including entire carriage of material upto all leads and lifts.	2			Cum	
5	Providing tor steel reinforcement for RCC work including bending, winding & placing in position complete upto floor two level. Including entire carriage of material upto all leads lifts.	1368			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:-					
a)	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 including entire carriage of material upto all leads and lifts.	50			Sqm	
b)	Vertical surface such as wall of (any thickness) partition and the like including attached pillaster 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.	61.71			Sqm	
7	Providing and fixing man hole cover with frame for storage tank total weight of frame and cover should not be less than 38 Kg weight of coverincluding entire carriage of material.	1			Each	
					Total Rs.:-	

			Job No.2			
SCHEDULE OF QUANTITY						
Name of work :- Consultancy services for C/O Water supply scheme to IT park (MAJHOL) Wakna Ghat and adjoining area in Tehsil Kandaghat District Solan (H.P). (SH:- Prepration of Detailed Project Report including project feasibility, hydraulic studies, studies related field work complete in all respect).			Estimated Cost Rs:- 3,72,750/- Earnest Money Rs:- 7450/- Time Period :- Two months.			
Sr. No.	Description	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Preprataion of Detailed project report and plan proposal for C/O Water supply scheme to IT park (MAJHOL) Wakna Ghat and adjoining area in Tehsil Kandaghat District Solan (H.P.) in GP Wakna under IPH Division Solan of Kandaghat Constituency including survey and investigation, site plan, prepration of L- section of Rising main and distribution system etc. and nicely winded 06 copies or required of DPR shall be supplied in hard and one copy in soft format complete in all respect as per direction of Engineer in charge.					
A) Survey & Plan proposal						
i)	Reconnanince Survey	1.00			Job	
ii)	Contour Survey of Acquastion of land for W.T.P/Pump House/Storage Tank covering owening detail	1.00			Job	
iii)	Geodetic survey on different scales and prepration of topographical map in requisite scale to supply them both in soft and hard format with four copies complete including cost of manpower, labour, survey equipments, Camp equipment, tranportation etc. in all kind of terrain scale 1:1000 with Contour intervals 1.00 metre (whereever required) and complete as per direction of Engineer in Charge	60.00			KM	
B) Prepration of DPR						
i)	Project hydrology studies :- Detail studies for estimation of water availability, peak water demand, design rising main and distribution system studies i/c writing of report.	1.00			Job	
ii)	Estimation of quantity, analysis of rates and prepration of cost of estimation for detailed Project Report as per guidelines	1.00			Job	
					Total Rs.:-	
TERMS AND CONDITIONS:-						
1	Security, GST and other statutory deduction will be deducted from the contractor's bill as applicable.					
2	Submission of report:-					
a)	The consultant shall be required to furnish the reports in 6 copies of each tube well & one soft copy within stipulated time period.					
b)	Payment schedule:-					
i)	On submission of survey & proposal = 30% of the total awarded amount.					
ii)	On submission of DPR = 50% of the total awarded amount.					
iii)	On clearance from zonal office = 20% of the total awarded amount					
3	The tenders of enlisted HP IPH contractors having relevant experience in the similar works shall be accepted.					
					Executive Engineer IPH Division Solan	
SCHEDULE OF QUANTITY						
			Job No.3			

Name of work:- Repair and maintenance of pumping machinery of various water supply schemes under IPH section Kumarhatti, IPH sub Division No. III, IPH Division solan for 1 year.		Estimated Cost Rs:- Earnest Money Rs:- Time Period :-		4,90,770/- 9800/- One month.		
Sr. No.	Description	Qty.	Rate		Unit	Amount
			In fig.	In words		
1	Repair & maintenance of induction motors, centrifugal pumps, WASP pumps and submersible pump motors, panel boards complete starter, main switch, capacitor, ampere meter, selector switch, bus bar, thimbles, CTs, Kit Kat, three phase indicating lamps, repair of sluice valves/ reflux valves, PVC copper wire and varnishing complete in all respect.	1168.5			P/HP	
					Total Rs.:-	
DETAIL OF SCHEMES/ PUMPING MACHINERY						
Sr. No.	Name of Scheme	Type of pumping Machienry	No of Set	HP	Total HP	
1	LWSS Barog	Centrifugal	2	20	40	
2	LWSS Koron Kanithly	Centrifugal	2	50	100	
3	LWSS Haripur udaypur	Reciprocating	2	15	30	
4	LWSS Khali rundan ghoron	Centrifugal	2	25	50	
5	LWSS Anhech Samlech	Centrifugal	2	15	30	
6	LWSS Rehon	Centrifugal	2	10	20	
7	LWSS Galyana 1st stage	Centrifugal	2	60	120	
8	LWSS Galyana 2nd stage	Centrifugal	2	60	120	
9	LWSS Johar patiala	Centrifugal	2	12.5	25	
10	LWSS Joharji	Centrifugal	2	50	100	
11	LWSS Kiran chakli	Reciprocating	2	20	40	
12	LWSS Tarol	Reciprocating	2	10	20	
13	LWSS Seoth 1st stage	Centrifugal	2	25	50	
14	LWSS Seoth 2nd stage	Centrifugal	2	25	50	
15	LWSS Ghaighat	Centrifugal	2	15	30	
16	LWSS Bastla Beuli	Centrifugal	2	60	120	
17	LWSS Dhar Baner	Centrifugal	2	10	20	
18	LWSS Jhohon	Centrifugal	2	5	10	
19	LWSS Klarwa sihardi	Reciprocating	2	15	30	
20	LWSS Dharon	Centrifugal	2	5	10	
21	LWSS Tikkery	Submersible	2	6	12	
22	LWSS Anji 1	Submersible	2	5	10	
23	LWSS Anji 2	Submersible	2	5	10	
24	LWSS Samlich	Submersible	2	3	6	
25	LWSS Nagali	Submersible	3	5	15	
26	LWSS Kheel Barser 1	Submersible	2	1.5	3	
27	LWSS Kheel Barser 2	Submersible	1	1.5	1.5	
28	LWSS Kheel Barser 3	Submersible	1	5	5	
29	LWSS Khali Rundan 1	Submersible	1	2	2	
30	LWSS Khali Rundan 2	Submersible	1	1.5	1.5	

31	LWSS Khali Rundan 3	Submersible	1	1.5	1.5	
32	LWSS Khali Rundan 4	Submersible	1	3	3	
33	LWSS Martu Station	Submersible	1	1.5	1.5	
34	LWSS Kumarhatti NR Petrol pump	Submersible	1	2	2	
35	LWSS Milan centre	Submersible	1	3	3	
36	LWSS Rundan NR Misty Meadows	Submersible	1	1.5	1.5	
37	LWSS Sultanpur NR PHC	Submersible	1	1	1	
38	LWSS Bindla ka MOD	Submersible	1	5	5	
39	LWSS Koto Dharoli	Submersible	1	2	2	
40	LWSS Shaya	Submersible	1	3	3	
41	LWSS Majhiyar	Submersible	1	3	3	
42	LWSS Jabal Reshesh	Submersible	1	3	3	
43	LWSS Shiv dhar	Submersible	1	2	2	
44	LWSS Anech samlech	Submersible	1	2	2	
45	LWSS Fagre ka Nallah	Submersible	1	3	3	
46	LWSS Jalyana Jubbad	Submersible	2	4	8	
47	LWSS Kakath	Submersible	2	5	10	
48	LWSS Ghumaron	Submersible	2	6	12	
49	LWSS Chobal 1	Submersible	1	2	2	
50	LWSS Chobal 2	Submersible	1	2	2	
51	LWSS Majhoti samlech	Submersible	1	2	2	
52	LWSS Baggar	Submersible	1	3	3	
53	LWSS Jhal	Submersible	1	2	2	
54	LWSS Gohali	Submersible	1	5	5	
55	LWSS Lohanji	Submersible	1	5	5	
					1168.5	
	Terms and conditions:-					
1	The work shall be done as per IPH specifications.					
2	Security, GST etc will be deducted as applicable.					
3	Nothing shall be paid for rejected work/ material.					
4	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.					
5	All the material to be used for repair should be confirming to relevent ISI.					
6	The contractors/ firms should have their established workshops with trained and sufficient manpower. The list of manpower should be submitted alongwith proof of workshops.					
7	The stand by pump set and electrical accessories must always be in working condition which shall be open to inspection by department any time.					
8	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.					
9	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.					

10	The cost of carriage of damaged pumping machinery electrical accessories from pump house to workshop and back should be included in the quoted rates.					
11	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.					
12	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.					
13	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 department.					
14	The contractors/ firms must use genuine and ISI marked/ branded spare parts for all repairs.					
15	The dismantled material will belong to the contractor/ firm and Assistant Engineer shall certify that dismantled parts have been replaced with the genuine parts.					
16	Not withstanding any thing mentioned above, if any dispute arrises regarding repair/ replacement or as per requirement each decision of the Engineer-in-charge will be the final.					
17	Only such contractors/ firms can quote their rates who have their own workshop.					
					Executive Engineer	
					IPH Division Solan	

							Job No.4		
SCHEDULE OF QUANTITY								Estimated Cost Rs:-	3,68,762/-
								Earnest Money Rs:-	7,400/-
Name of work:- Providing WSS to PC habitation under GP Barog, Bhojnagar and Bohli Tehsil & Distt. Solan HP. (SH:- C/O RCC								Time Period :-	Six months.
Sr. No.	Description	Qty.	Rate		Unit	Amount			
			In fig.	In words					
1	Excavation in foundation and trenches in all type of soil such as pick work jumper work blasting soft & hard rock and through conglomeraterock 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.	33.05			Cum				
3	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.	3.96			Cum				
4	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 pillasters,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.	13.48			Cum				
b)	Foundation and plinth including entire carriage of material upto all leads and lifts..	7.52			Cum				
c)	Columns	0.78			Cum				
d)	Beams	0.49			Cum				
5	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.	4.67			Cum				
6	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.	2647			Kg				
7	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 pillaster 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.	137.2			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.	31.79			Sqm				
iii)	Edges of slabs & breaks in floors & walls under 20cm wide.	21.37			Rmt.				
8	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).	2			Each				
								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/PWD specification.				
3	Security, GST and other statutory deduction will be deducted from the contractor's 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	Stone aggregate/sand shall be used of approved quarry.				
7	The quoted rates should include all taxes and carriage charges etc. and nothing extra will be paid on this account.				
8	Useable material found at site while execution will be stacked properly and the same will be the property of the department.				
9	Cement @ 275/-per bag & steel @ 4700/- Per Qtl. will be issued from the IPH Store Solan.				
10	Empty bag required to be handed over to the deptt otherwise the recovery @ Rs. 5/-per bag will be made.				
11	Royalty for the material i.e. Sand, aggregate & stone shall be deducted from the bills as applicable				
12	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	
				IPH Division Solan	