

JOB NO. 1								
<b>Name of Work :- A/R &amp; M/O LWSS Jungle Majru in Tehsil Nalagarh Distt. Solan HP (SH:-Deployment of Labour for smooth Operation of pumping machinery including its watch and ward for three years)</b>						Estimated Cost	0.00	/-only
						Earnest Money	10800.00	/-only
						Time :- Three years.		
Sr. No.	Description of work	No.or Qty.	Unit	RATE		AMOUNT		
				Figures	Words	Rs.	P	
1.00	Outsourcing for supply of Skilled/ unskilled labour for (Deployment of labour) for smooth operation of pumping machinery including its watch & ward) for three years of LWSS Jungle Majru as per the direction and to the entire satisfaction of Engineer-in-charge.							
	Pump Operator = 1 No for Three years.	1.00	Job					
	Chowkidar = 1 N for Three Years.							
<b>Total in Figures</b>								
<b>Total in Words</b>								
<b>TERMS AND CONDITIONS: -</b>								
1. The firm/contractor intending to participate in the tendering process should be enlisted in appropriate class with the IPH Department.								
2. The scheme shall be handed over to the successful bidder by the Department in working condition within fifteen days of award of work.								
3. All statutory deductions like GST, income tax, cess, security etc. shall be deducted as per prevailing Govt. rates in force during the								
4. 2% of the payment shall be withheld by the department during the currency of contractual period. The withheld amount shall be								
5. The pump operator deployed by the successful contractor/firm shall be ITI deploma holders having having diploma in either electrician,								
6. The contractor shall ensure the presence of deployed operating and watch & ward staff as per the time schedule mentioned in the								
7. The contract shall remain operative for a period of 3(three) years which can be enhanced/curtailed depending upon the performance of								
8. Energy charges shall be borne by the Department.								
9. No escalation charges shall be payable during the contract period.								
10. Contractor/firm will not carry out any amendment/modification to any equipment/accessories without prior approval of th Engineer-in-								
11. The contractor/firm shall intimate in writing the Junior Engineer/Assistant Engineer-in-charge of the scheme regarding any breakdown								
12. The running bill payment shall be made quarterly on pro-rata basis after effecting the statutory and other recoveries.								
						Executive Engineer,		
						I&PH Divn., Nalagarh.		

**JOB NO. 2**

<b>* SCHEDULE OF QUANTITY *</b>					
Name of Work:-Providing CAD facilities to Lift Irrigation Scheme Landewal Kalyanpur under Tubewell			Estimated cost Rs :-		299778 /-only
Sub-Division Baddi in Tehsil Baddi Distt. Solan (HP) under HIMCAD			Earnest money Rs:-		5996 /-only
			Time Limit :-		3 month
S.No	Description of item.	Quantity.	Rate	Unit	Amount.
1	Excavation in foundation trenches upto all depths in all classification of earth work such as pick work,jumper work, saturated soil including bailing of pumping out water,blasting soft/hard rock where blasting is prohibited.In all lifts including trimming and dressing of sides,levelling of beds to correct grade i/c shoring,strutting,planking timbering and dewatering wherever required,stacking the useable and un-useable material / soil separately and after laying, jointing of pipes returning the useable soil in trenches in trenches in 15 cm (fifteen centimeters) layers including consolidating of each of each deposited layer by ramming and watering and disposing of all surplus excavated soil un useable materials as directed within all leads & lifts including restoration of un-metalled surfaces to its original condition and including cost of diversion for traffic night signals, fixing caution boards, crossing over trenches for excess to houses, fencing etc.complete in all respect with in all leads & lifts as per the direction of the Engineer-in-charge.	12.948	Cum	Per Cum	
2	Excavation in drain and channels etc. earth work for pipes upto all depths in all classification of earthwork such as pick work, jumper work, saturated soil including bailing or pumping out water, blasting soft/hard rock or chiseling soft/hard rock where blasting is prohibited in all lifts including jungle clearance wherever required, trimming & dressing of sides, levelling of beds to correct grade including shoring/struting, planking, timbering & dewatering wherever required stacking the useable/unuseable material/soil seperately & after laying, jointing & testing of pipes, returning the useable soil in trenches in 15cm layers including consolidating of such deposited layer by ramming & watering & then disposing of all surplus excavated soil/unuseable material as directed with in all leads & lifts including restoration of un-metalled surfaces to its original condition & including cost of diversion for traffic, right signals, fixing caution boards, crossing over trenches for access to houses, fencing etc. complete in all respect with in all leads and lifts and as per direction of the Engineer-in-charge at site of work.	512.7	Cum	Per Cum	
3	Laying, jointing and commissioning of HDPE (High Density Polyethylene pipes) of following diameter and class conforming to IS 4984-1995 with fusion welding process including all necessary fitting in all leads and lifts to the entire satisfaction of Engineer-in-charge. (Earth work in trenches to be measured and paid separately)				
i	#REF!	95.00	Rmt	Per Rmt	
ii	#REF!	275.00	Rmt	Per Rmt	
iii	#REF!	620.00	Rmt	Per Rmt	
4	Providing and laying cement concrete by concrete mix using nominal concrete mix 'M-20 ' with graded stone aggregate 20mm nominal size finishing and curing complete (excluding the cost of form work) for RCC work.as per direction and to the entire satisfaction of the Engineer-in-charge in all leads and lifts including carriage.	1.074	Cum	Per Cum	
5	Providing and laying Precast slab in nominal cement concrete MIX of M25 and curing complete excluding cost of form work as per direction and to the entire satisfaction of the Engineer-in-charge .	0.288	Cum	Per Cum	
6	40mm thick cement concrete flooring 1:2:4(1 cement:2sand:4graded stone aggregate 20mm nominal size) laid in one layer finished with a floating coat of neat cement including carriage of materials with in all leads and lifts.	7.290	Sqm	Per Sqmtr.	
7	Providing and laying cement concrete 1:4:8(Icement:4sand:8 graded stone aggregate 40mm nominal size)and curing complete excluding the cost of form work in foundation and plinth including carriage of material in all leads & lifts.	1.278	Cum	Per Cum	
8	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,struting and propping etc with wooden battens and ballies, height of propping and centring below supporting floor to ceiling not exceeding 4 mtrs. and removal of the same for insitu,reinforced concrete and plain concrete and plain concrete work in :-				
a	Vertical surfaces such as wall(Any thickness) partitions and the like i/c attached pillasters, buttresses,plinth and string courses and the like .	6.726	Sqm	Per Sqmtr.	
9	Boulders filling at bottom of 350 Φ Hydrant Chamber	1.212	Cum	Per Cum	
10	Fittings and accessories				
a	90Φ PN4 HDPE pipes	15.00	Rmt	Per Rmtr.	
b	90Φ PN6 HDPE pipe end	12.00	No	Each	
c	90Φ PN6 HDPE 90° bends	12.00	No	Each	

d	90Φ PN6 HDPE QC pump connector	6.00	No		Each	
11	Providing Tor steel reinforcement for RCC work i/c bending, binding and placing in position complete.	40.66	Kg		Per Kg	
12	Providing & fixing in position RCC pipe of following dia., class & length for outlets					
a	RCC pipe of 900mm Φ NP2.0	7.50	Rmt		Per Rmtr.	
b	RCC pipe of 350mm Φ NP2.0	3.90	Rmt		Per Rmtr.	
13	Providing and Fixing C.I. 80 mm dia control/ sluice valve PN- 1 Kirloskar/Leader make as per direction and to the entire satisfaction of the Engineer-in-charge .	6.00	No		Each	
14	Steel work welded in built up sections, trusses & framed work including cutting, hoisting & fixing in position & applying a priming coat of red paint :- In grating, framed ,guards, bars, ladders, railing, brackets & similar works. work in all leads & lifts including carriage and as per direction and to the entire satisfaction of the Engineer-in-charge .	97.056	Kg		Per Kg	
16	#REF!	38.88	sqmtr.		Per Sqmtr.	
16	Providing and Fixing alfa valve complete in all respect as per direction and to the entire satisfaction of the Engineer-in-charge .	6.00	No		Each	
17	Miscellaneous for locking arrangements & other accessories as per direction and to the entire satisfaction of the Engineer-in-charge .	24.00	No		Each	
					<b>Total:-</b>	
	<b>TERMS AND CONDITIONS:-</b>					
1	The work will be executed as per IPH/PWD specification and as per the directions of the Engineer-in-charge.					
2	Security, GST, income tax, labour cess and other statutory deduction will be deducted from each bill of the contractor as per clause of agreement and as per rules prevalent at the time of payment.					
3	The rate shall be tendered by the contractor / inclusive of all carriage of material and taxes etc.					
4	All the arrangements of diversion of traffic if required shall have to be done by the contractor and nothing on this account shall be paid for.					
5	The cement will be issued to the contractor from IPH store Nalagarh and recovery will be made @ Rs 255/- per bag & tor steel issued Rs. 3890 /- per qtl. from IPH store Nalagarh. The empty bags of cement have to be returned to the Department otherwise the recovery will be made @ Rs 5/- per bag.					
6	The HDPE pipes will be issued free of cost from Divisional store Nalagarh.					
7	RCC work shall be carried out as per IS 456-2000.					
9	The contractor is fully responsible for watch and ward of the materials at site of work & nothing shall be paid extra for this					
10	Contractor shall be responsible for any leakage in the Distribution system and shall rectify the same at his risk & cost.				Executive Engineer	
					IPH Division Nalagarh	
<b>JOB NO. 3</b>						
<b>* SCHEDULE OF QUANTITY *</b>						
	Name of Work:- Providing CAD facilities to Lift Irrigation Scheme Mandhala-1 under Tubewell			Estimated cost Rs :-	345710	/-only
	Sub-Division Baddi in Tehsil Baddi Distt. Solan (HP) under HIMCAD			Earnest money Rs:-	6914	/-only
				Time Limit :-	3 month	
<b>S.No</b>	<b>Description of item.</b>	<b>Quantity.</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount.</b>	
1	Excavation in foundation trenches upto all depths in all classification of earth work such as pick work, jumper work, saturated soil including bailing of pumping out water, blasting soft/hard rock where blasting is prohibited. In all lifts including trimming and dressing of sides, levelling of beds to correct grade i/c shoring, strutting, planking, timbering and dewatering wherever required, stacking the useable and un-useable material / soil separately and after laying, jointing of pipes returning the useable soil in trenches in trenches in 15 cm (fifteen centimeters) layers including consolidating of each of each deposited layer by ramming and watering and disposing of all surplus excavated soil un useable materials as directed within all leads & lifts including restoration of un-metalled surfaces to its original condition and including cost of diversion for traffic night signals, fixing caution boards, crossing over trenches for excess to houses, fencing etc. complete in all respect with in all leads & lifts as per the direction of the Engineer-in-charge.	12.948		Cum	Per Cum	

2	Excavation in drain and channels etc. earth work for pipes upto all depths in all classification of earthwork such as pick work, jumper work, saturated soil including bailing or pumping out water, blasting soft/hard rock or chiseling soft/hard rock where blasting is prohibited in all lifts including jungle clearance wherever required, trimming & dressing of sides, levelling of beds to correct grade including shoring/struting, planking, timbering & dewatering wherever required stacking the useable/unuseable material/soil seperately & after laying, jointing & testing of pipes, returning the useable soil in trenches in 15cm layers including consolidating of such deposited layer by ramming & watering & then disposing of all surplus excavated soil/unuseable material as directed with in all leads & lifts including restoration of un-metalled surfaces to its original condition & including cost of diversion for traffic, right signals, fixing caution boards, crossing over trenches for access to houses, fencing etc. complete in all respect with in all leads and lifts and as per direction of the Engineer-in-charge at site of work.	652.2	Cum		Per Cum	
3	Laying, jointing and commissioning of HDPE (High Density Polyethylene pipes) of following diameter and class confirming to IS 4984-1995 with fusion welding process including all necessary fitting in all leads and lifts to the entire satisfaction of Engineer-in-charge. (Earth work in trenches to be measured and paid separately)					
3.01	#REF!	1395.00	Rmt		Per Rmt	
3.02	#REF!	300.00	Rmt		Per Rmt	
4	Providing and laying cement concrete by concrete mix using nominal concrete mix 'M-20 ' with graded stone aggregate 20mm nominal size finishing and curing complete (excluding the cost of form work) for RCC work.as per direction and to the entire satisfaction of the Engineer-in-charge in all leads and lifts including carriage.	1.074	Cum		Per Cum	
5	Providing and laying Precast slab in nominal cement concrete MIX of M25 and curing complete excluding cost of form work as per direction and to the entire satisfaction of the Engineer-in-charge .	0.288	Cum		Per Cum	
6	40mm thick cement concrete flooring 1:2:4(1 cement:2sand:4graded stone aggregate 20mm nominal size) laid in one layer finished with a floating coat of neat cement including carriage of materials with in all leads and lifts.	7.290	Sqm		Per Sqmtr.	
7	Providing and laying cement concrete 1:4:8(1cement:4sand:8 graded stone aggregate 40mm nominal size)and curing complete excluding the cost of form work in foundation and plinth including carriage of material in all leads & lifts.	1.278	Cum		Per Cum	
8	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,struting and propping etc with wooden battens and ballies, height of propping and centring below supporting floor to ceiling not exceeding 4 mtrs. and removal of the same for insitu,reinforced concrete and plain concrete and plain concrete work in :-					
8.01	Vertical surfaces such as wall(Any thickness) partitions and the like i/c attached pillasters, buttresses,plinth and string courses and the like .	6.726	Sqm		Per Sqmtr.	
9	Boulders filling at bottom of 350 Φ Hydrant Chamber	1.212	Cum		Per Cum	
10	Fittings and accessories					
10.01	90Φ PN4 HDPE pipes	15.00	Rmt		Per Rmtr.	
10.02	90Φ PN6 HDPE pipe end	12.00	No		Each	
10.03	90Φ PN6 HDPE 90° bends	12.00	No		Each	
10.04	90Φ PN6 HDPE QC pump connector	6.00	No		Each	
11	Providing Tor steel reinforcement for RCC work i/c bending, binding and placing in position complete.	40.66	Kg		Per Kg	
12	Providing & fixing in position RCC pipe of following dia., class & length for outlets					
12.01	RCC pipe of 900mm Φ NP2.0	7.50	Rmt		Per Rmtr.	
12.02	RCC pipe of 350mm Φ NP2.0	3.90	Rmt		Per Rmtr.	
13	Providing and Fixing C.I. 80 mm dia control/ sluice valve PN- 1 Kirloskar/Leader make as per direction and to the entire satisfaction of the Engineer-in-charge .	6.00	No		Each	
14	Steel work welded in built up sections, trusses & framed work including cutting, hoisting & fixing in position & applying a priming coat of red paint :- In grating, framed ,guards,bars, ladders,railing,brackets & similar works.work in all leads & lifts including carriage and as per direction and to the entire satisfaction of the Engineer-in-charge .	97.056	Kg		Per Kg	
15	#REF!	38.88	sqmtr.		Per Sqmtr.	

16	Providing and Fixing alfa valve complete in all respect as per direction and to the entire satisfaction of the Engineer-in-charge .	6.00	No		Each	
17	Miscellanious for locking arrangements & other accessories as per direction and to the entire satisfaction of the Engineer-in-charge .	24.00	No		Each	
					<b>Total:-</b>	
	<b>TERMS AND CONDITIONS:-</b>					
1	The work will be executed as per IPH/PWD specification and as per the directions of the Engineer-in-charge.					
2	Security, GST, income tax, labour cess and other statutory deduction will be deducted from each bill of the contractor as per clause of agreement and as per rules prevalent at the time of payment.					
3	The rate shall be tendered by the contractor / inclusive of all carriage of material and taxes etc.					
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5	The cement will be issued to the contractor from IPH store Nalagarh and recovery will be made @ Rs 255/- per bag & tor steel issued Rs. 3890 /- per qtl.from IPH store Nalagarh. The empty bags of cement have to be returned to the Department otherwise the recovery will be made @ Rs 5/- per bag.					
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					IPH Division Nalagarh	