

Job No.1

**SCHEDULE OF QUANTITY**

Name of work :-Retrofitting and Improvement of LWSS Datla Changer Chiyavni under JJM in Tehsil Ramshehar District Solan (HP)  
(SH:- Providing and Installation of house service connection 100 Nos )

Estimated Cost :- Rs. **224015.00** /-only  
Earnest Money :- Rs. **4500.00** /-only  
Time : Two Months

SCHEDULE OF WORKS							
Sl. No.	Description of work	No.or Qty.	Unit	RATES		AMOUNT	
				Figures	Words	Rs.	P
1.00	Excavation in drains and channels etc. in all kinds of soil such as pick work, jumper work, blasting, soft and hard rock and through conglomerate rock upto all leads and lifts stacking the excavated soil not more than 3 meters clear from the edge of excavation and then returning the stacked soil in trenches consolidating each deposited layers by ramming and watering and then disposing of all surplus excavated material within all leads and lifts and like as directed by the Engineer-in-Charge including jungle clearance.	285.00	Cum	Per Cum		#NAME?	
2.00	Providing and Installation of house connections with 15 mm dia G.I. pipe (Light class ) including G.I. union 15 mm dia,G.I. Ferule 15 mm dia,G.I. Elbow 15 mm dia ,G.I. Socket 15 mm dia ,G.I. Tee 15x15 mm dia & 15 mm dia brass bib tap .(Excavation in trenches to be measured and paid for separately and the GMS pipe will be issued free of cost from IPH store Nalagarh.	100.00	No	Each		#NAME?	
<b>Total in Figures</b>							
<b>Total in Words</b>						#NAME?	

**TERMS AND CONDITIONS: -**

1. The work will be got executed as per IPH specifications.
2. Security, GST, income tax, labour cess and other statutory deduction will be deducted as applicable.
- 3.The contractor is fully responsible for watch and ward of the material at site of work.
4. Nothing shall be paid for rejected work/material.
- 5.Although Cement, GI pipe & steel will be issued free of cost from Divisional store Nalagarh, but in case of loss or theft from the custody of contractor the same shall be recovered at double the store issue rates which are as under:-
  - i) Cement @ Rs. 255/-per bag.
  - ii) Reinforcement Steel @ Rs. 3890/- Per Qtl.
  - iii) G.I.pipe 20 mm dia @ 108 /-, 25 mm dia @ 148 /- and 32 mm dia @ 195 /- per mtr respectively.

Executive Engineer,  
Jal Shakti Divn., Nalagarh.

**NOTICE INVITING TENDER**

**Name of Work:- C/O 7 Nos T/Well in Nalagarh area ( T/Well Hatra, Kothewali, Ratepur, Rampur Gujran, Kashmirpur, Nichli Malwana and Rajpura ) in Tehsil Nalagarh , Distt. Solan HP. (SH:- Construction of 4 Nos out- lets and Providing, laying, jointing and testing of HDPE pipe PE 80 PN 4.00 Kg of 140 mm dia of Tubewell Rajpura )**

Estimated Cost :- Rs. **376443.00** /-only  
 Earnest Money :- Rs. **7550.00** /-only  
 Time : Two Months

**SCHEDULE OF WORKS**

Sr. No.	Description of work	No.or Qty.	Unit	RATES		AMOUNT	
				Figures	Words	Rs.	P
1.00	Excavation in foundation trenches etc. in all kinds of soil such as pick work,jumper work blasting work in soft or hard rock or by cum chiselling soft/ hard rock where blasting is prchibited in all leads and lif-ts including trimming and dewatering where ever required dressing of sides and bed stacking the excavated soil clear from the edge of excavaton and then returning the excavated soil after completion of work in 15cm layers when required into plinths, side of foundation etc. Consolidating each deposited layers by remming and watering and then disposing of all surplus excavated earth as direction within a lead of 20 mtrs. pick jumper work 50% each as per direction and to the entire satisfaction of Engineer-in-Charge upto all lead and lifts.	13.35	Cum	Per Cum		#NAME?	
2.00	Excavation indrain and channel etc. in earth work including dressing of sides and bed and disposing of all excavated earth work upto a lead of 20 mtrs and lift upto 1.5 mtrs and disposed earth to be levelled and neatly derssed in pick and jumper work 50 % each.	275.40	Cum	Per Cum		#NAME?	
3.00	Providing ,Laying, jointing, testing and commissioning of heigh density polythene pipe						
3.10	140 mm dia PE 80 of pressure PN-4.00.	510.00	Rmt.	Per Rmt		#NAME?	
4.00	Providing and laying cement concrete 1:4:8 (1 cement :4 sand :8 graded stone agg.	1.84	Cum	Per Cum		#NAME?	
5.00	Brick work using common burnt clay 1st class building bricks in foundation and plinth in cement mortar 1:4 (1 cement :4 sand) <b>excluding cost of cement</b> i/c curing complete.	2.17	Cum	Per Cum		#NAME?	
6.00	Cement concrete flooring 1:2:4( 1 cement : 2 sand :4 graded stone aggregate 20 mm nominal size laid in one layer finished with a floating coat of neat cement 40 mm thick <b>excluding cost of cement.</b>	0.81	Sqm.	Per Sqm.		#NAME?	
7.00	15mm thick cement plaster in single coat on rough side of brick /stone /concrete walls for interior plastering upto floor two level I/c arrises, internal rounded angles, chambers and/or rounded angles not exceeding 80mm in girth and finished even and smooth in cement mortar1:3 (1 cement :3 sand) and curing complete <b>excluding cost of cement.</b>	9.55	Sqm.	Per Sqm		#NAME?	
<b>Total in Figures</b>							
<b>Total in Words</b>						#NAME?	

**TERMS AND CONDITIONS: -**

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2. Security, GST, income tax, labour cess and other statutory deduction will be deducted as applicable.
- 3.The contractor is fully responsible for watch and ward of the material at site of work.
4. Nothing shall be paid for rejected work/material.
5. Although Cement will be issued free of cost from Divisional store Nalagarh, but in case of loss or theft from the custody of contractor the same shall be recovered at double the store issue rate which is Rs. 255/- Per bag.

Executive Engineer,  
 Jal Shakti Divn., Nalagarh.

Job No.3

### **DRAFT SCHEDULE OF QUANTITY**

**Name of Work:-** Consultancy Services for Retrofitting & Improvement of LWSS Khera Chak under JJM in Tehsil Nalagarh Distt. Solan(HP)(SH:- Preparation of detail project report.)

Estimated Cost Rs. 128148.00 /-only  
 Earnest Money Rs. 2570.00 /-only  
 Time : 3 MONTHS

<b>SCHEDULE OF WORKS</b>						
Sl. No.	Description of work	No.or Qty.	Unit	Figures	RATE in	AMOUNT
						Rs. P
1.00	Preparation of detail project report and plan proposal for LWSS Khera Chak under JJM in Tehsil Nalagarh Distt. Solan(HP) Detail project report field survey, related study, estimation including topographical survey Site Plan, L-Section, etc. by outsourcing including drawing of all civil structures and hydraulic design of all components and getting the same approved from the competent authority of the department as per JJM guidelines. in hard and one copy in soft format complete in all respect as per direction of Engineer in charge.					
<b>A) Survey &amp; Plan proposal</b>						
i)	Preliminary Reconnaissance Survey	1.00	Job	L-S		
ii)	Geodetic survey on different scales and preparation 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, transportation etc. in all kind of terrain scale 1:1000 with Contour intervals 1.00 metre (wherever required) and complete as per direction of Engineer in Charge	12.80	KM	Per K.M.		
<b>B) Preparation of Working Estimate</b>						
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	L-S		
ii)	Estimation of quantity, analysis of rates and preparation of cost of estimation for detailed Project Report as per JJM guidelines	1.00	Job	L-S		
<b>Total:-</b>						

**Term & Condition :-**

- 1 The work shall be carried out as per IPH/PWD IPH specification and prevailing norms of department.
- 2 The work should be done to the entire satisfaction of the Engineer-in-Charge.
- 3 Security, Income Tax, labour cess and GST as admissible will be deducted from the bill of the Contractor.
- 4 Nothing will be paid for rejected work.
- 5 The above quantities can be increase or decreased.
- 6 All kind of field data be collected by the consultant. During the Collection of data, legal or processing fees ( if any) shall not be
- 7 Shortest length of Rising main/Gravity main/distribution system shall be followed.
- 8 The consultant should be registered with HPIPH in appropriate class & have the experience in survey & investigation works.
- 9 All kind of NOCs and lead char shall be provided by the department.
- 10 **SUBMISSION OF REPORT**
- 10.01 The Consultants shall be required to furnish the following reports in six copies each.
- 11 **Payment Schedule:**
- 11.01 On submission of DPR/AA/&ES ( 4 copies). = 65% of the awarded amount.
- 11.02 On Approval of DPR/AA/&ES = 10% of the awarded amount.
- 11.03 On submission of Working Estimate ( 4 copies). = 15% of the awarded amount.
- 11.04 On approval of Working Estimate ( 4 copies). = 10% of the awarded amount.

Executive Engineer,  
Jal Shakti Division Nalagarh.

**DRAFT SCHEDULE OF QUANTITY**

**Name of Work:-** Consultancy Services for Retrofitting & Improvement of LWSS Kirpalpur under JJM in Tehsil Nalagarh Distt. Solan(HP)(SH:- Preparation of detail project report.)

Estimated Cost Rs. 128148.00 /-only  
 Earnest Money Rs. 2570.00 /-only  
 Time : 3 MONTHS

SCHEDULE OF WORKS									
Sl. No.	Description of work	No.or Qty.		Unit	RATE in		AMOUNT		
					Figures	Words	Rs.	P	
1.00	Preparation of detail project report and plan proposal for LWSS Kirpalpur under JJM in Tehsil Nalagarh Distt. Solan(HP) Detail project report field survey, related study, estimation including topographical survey Site Plan, L-Section, etc. by outsourcing including drawing of all civil structures and hydraulic design of all components and getting the same approved from the competent authority of the department as per JJM guidelines. in hard and one copy in soft format complete in all respect as per direction of Engineer in charge.								
A)	<b>Survey &amp; Plan proposal</b>								
i)	Preliminary Reconnaissance Survey	1.00	Job	L-S					
ii)	Geodetic survey on different scales and preparation 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, transportation etc. in all kind of terrain scale 1:1000 with Contour intervals 1.00 metre (wherever required) and complete as per direction of Engineer in Charge	12.80	KM	Per K.M.					
B)	<b>Preparation of Working Estimate</b>								
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	L-S					
ii)	Estimation of quantity, analysis of rates and preparation of cost of estimation for detailed Project Report as per JJM guidelines	1.00	Job	L-S					
							<b>Total:-</b>		

**Term & Condition :-**

1	The work shall be carried out as per IPH/PWD IPH specification and prevailing norms of department.
2	The work should be done to the entire satisfaction of the Engineer-in-Charge.
3	Security, Income Tax, labour cess and GST as admissible will be deducted from the bill of the Contractor.
4	Nothing will be paid for rejected work.
5	The above quantities can be increase or decreased.
6	All kind of field data be collected by the consultant. During the Collection of data, legal or processing fees ( if any) shall not be
7	Shortest length of Rising main/Gravity main/distribution system shall be followed.
8	The consultant should be registered with HPIPH in appropriate class & have the experience in survey & investigation works.
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11.01	On submission of DPR/AA/&ES ( 4 copies). = 65% of the awarded amount.
11.02	On Approval of DPR/AA/&ES = 10% of the awarded amount.
11.03	On submission of Working Estimate ( 4 copies). = 15% of the awarded amount.
11.04	On approval of Working Estimate ( 4 copies). = 10% of the awarded amount.

Executive Engineer,  
 Jal Shakti Division Nalagarh.