

DRAFT NOTICE INVITING TENDER

Name of Work:-Operation Running and Maintance of Divisional water testing laboratory under IPH Division Pooh Tehsil Pooh Distt. Kinnaur HP		Estimated Cost:-Rs.4,90,000/-only			
		Earnest Money:-Rs. 9800/-only			
		Time:- One Year			
Sr. No.	Description	Qty.	Unit	Rate	Amount
1	operation Running and Maintenance of Divisional water testing laboratory at Pooh for one year by skill operting staff and good quality of Materials sach as chemicals,reagents,glass wares etc. as Required for testing of water sample testing for Physical,Chemical and Bateriological tests, Complete process in respect i.e uploading test results on GOI website regularly as per the direction and Satisfaction of Engineer in charge as per conditions of the contract and special terms & conditions attached as per Annexure *A*				
2	a)Physical,chemical test for all 17 parameter- 1) Temperature 2) Colour 3) Odour 4) Taste 5) Turbidity 6) PH 7) TDS/Elect. Conductivity 8) Total Alkalinity 9) Chloride , 10) Floride, 11) Nitrate, 12) Sulphate 13) Iron, 14) Mangnese,15) Total Hardness 16) Arsenic 17) Free Residual chlorine	1000.00	Each	380.00	380000.00
	b)Bacteriological test				
	i)Total collifrom				
	ii)E-coli/Thermotolerant colifrom test if colifrom are found	2000.00	Each	55.00	110000.00
				Total:-	490000.00

TERMS AND CONDITIONS

- 1 In order to give ture picture fo water tests and considering the importance of drinking water quality, the Contractor/Firm is expected to do entire job very carefully.
- 2 The contractor/Firm Binding for the job must have previos experience of Operation and Maintainance of the water testing Laboratory (Not less then 500 water samples tests/month)
- 3 The contractor/Firm shall have to Employ qualified and well expeienced Chemist/Assistant chemist.The desirable qualification for labortory staff shall be as as per uniform Drinking water Quality Monitoring Protocol-2013 i.e Assistant Chemist- Graduation in Science with Chemistry Microbiologist/Bacteriologist - Graduation in Science with Biology Data Entry Operator :- Class XII with skills in MS office and Internet operation.
- 4 Before award of work the Name , Qulification Detalis,Correspondence Adress,Complete Resume of the engaged Persons along with attached Photocopies (also original to be returned) of Qualification Documents /Certificates from the recognised institutions shall be submitted to Departmental Screening committee which will decide the selection of the staff after conduction from interview and candidates if found suitable by the committee, the work will be awarded, in case candidates in found suitable then the contractor/Firm shall produce other candidates for the interview .However candidates can be sponsores maximum three times failing of which work will not be awarded to the firm & Earnest money shall be forfeited.
- 5 The Persons Employed by the firm shall be his establishment only and DWSM/Department shall not be bound to Regularise their services.
- 6 The candidates to be deployed shall be free from any kind of communicable disease and before joining the candidate shall submit the Certificate of Medical fitness issued by authorized Medical Attendadnt/Medical Officer.

- 7 The contractor firm shall follow the Relevant BIS code for the testing of water samples for Physical chemical and Bacteriological tests in all respect.
- 8 The contractor/firm shall be responsible for payment of minimum wages & monthly payments, insurance, Agreement, Medicare cover, Accidental cover to be Employed staff as per Prevailing labor law and latest instructions of Govt/Department.
- 9 During working hours proper dress code shall be maintained in the laboratory. The lab staff shall attach batch/identity cards displaying the name and Designation.
- 10 The contractor /Firm shall be Responsible for Proper handling of Lab Equipments, Reagents & chemicals etc.
- 11 The contractor/firm shall be responsible for any accident/loss Caused due to Negligence & First aid Box shall be provided by the contractor firm in the laboratory.
- 12 The contractor /Firm shall be panelized for any breakage or any damage of the equipment of the lab and shall replace the same with new one and decision of the Engineer-in-charge shall be final in this regard.
- 13 The Necessary Materials and chemicals Requires for the testing of chemicals should, be provided by the contractor/Firm at his cost.
- 14 The Chemicals to be used for water Quality test should be of laboratory Reagent (LR) or analytical reagent (AR)
- 15 The Contractor/Firm shall submit the Water testing report to the Assistant Engineer, in charge of the laboratory daily. The firm shall also bring to the notice of the Assistant Engineer- in - Charge the details of failed samples daily.
- 16 The Contractor/Firm shall keep the proper Record of all tested water sample and shall submit the consolidated report to the Assistant Engineer, in-charge of the laboratory monthly. The Contractor/Firm shall report and suggest the measures to be taken for the disinfection of the water, as found anything unhygienic for human consumption.
- 17 The inventory of all the glass ware shall be maintained by the Contractor/firm, Under supervision of concerned AE incharge, consultant (Chemist) or concerned JE in charge of the laboratory.
- 18 The Log books of all the instruments shall be Maintained daily and their Calibration shall be Maintained by the Contractor/firm Periodically.
- 19 All sample collecting Material including those which are to be returned and reused should be fit for Sampling. Cleaning and sterilization of sample Collecting Materials shall be as per standard Procedure
- 20 The Electricity charges will be borne by the department.
- 21 The Payment shall be made on Quarterly basis in equal installments.
- 22 All the water sample reached in the lab have to be tested. Minimum 3000 samples out of which Minimum 2/3rd i.e 2000 samples shall be tested for Bacteriological analysis have to be tested in a year and monthly Report alongwith the Photocopy of the Register shall be submitted through Assistant Engineer to Divisional office .
- 23 If more than 3000 samples are tested in the lab the Contractor/Firm shall be paid extra for excess sample at the approved rate. A penalty of double the rate awarded shall be levied if samples are not tested inspite of its receipt in lab
- 24 Each source shall be tested twice a year i.e Pre monsoon and Post monsoon for bacteriological analysis and once a year for chemical analysis. Therefore contractor/Firm Shall be responsible for ensuring the sampling schedule of source and if any, shortcoming is noticed in above mentioned schedule by the contractor/firm , it should be brought to the notice of the concerned Executive Engineer, Also ensure that sources from every habitation falling under jurisdiction of lab shall be tested
- 25 The list of parameter to be tested at sub divisional level lab is as under:
(i) Temperature, (ii) Color, (iii) Odour (iv) Taste (v) Turbidity (vi) PH (vii) TDS /Elect. Conductivity (viii) Total Alkalinity (ix) Chloride (x) Fluoride (xi) Nitrate (xii) Sulphate (xiii) Iron (xiv) Manganese (xv) Total Hardness (xvi) Total Arsenic-Discrete testing shall be done. (xvii) Free Residual Chlorine (xviii) Total Coliform (xix) E.coli/Thermo Tolerant Coliform
- 26 The contractor/firm shall keep the lab operational on all working days. If any person from lab staff goes on leave, the alternate staff shall be Provided in lab by the contractor/Firm for the Respective job. Even if it Remains Non- Operational a Penalty of Rs. 500/- Per day shall be levied.
- 27 Online entry of the samples tested on a particular on web site i.e within next 24 hours on the format available on web site i.e ejalshakti.gov.in after getting the test report signed from either consultant (Chemist) or Concerned JE in Charge or concerned AE in-charge of the Laboratory.
- 28 The firm shall hand over the laboratory including all Equipments, Glass wares chemicals, Reagents to the Department after Expiry of the contract in good conditions.
- 29 Disposal of all the waste generated in the lab and washing of glassware, breakage & discard materials will be done by the firm at their own cost at appropriate place marked in the area and as per the standard procedure for waste water disposal
- 30 Firm will also be responsible for functioning of all light switch fittings, fixtures and accessories in the lab building at their own cost.
- 31 The Period of contract will be for three year beginning after 15 days for the date of award.
- 32 Filter paper used in microbiological parameter testing should be of Merck Brand of 47 mm dia 0.45 micron.
- 33 Firm will also be responsible for Washing, Mopping & cleaning of Floors, Lab instruments , Glasswares , Furniture and other Laboratory in all Respect.

- 34 The work will be done as per PWD specification.
- 35 The Contractor/firm is Required to be Registered with HP in IPH Department.
- 36 The Earnest money, renewal of enlistment, PNA No. GST No. and clearance of income tax is required.
- 37 The Tender Received without above documents/formalities will be Rejected at the time of opening of tender without assigning any Reason.
- 38 The Laboratory shall be operated as per drinking water Quality Monitoring Protocol.
- 39 Department May Terminate the contract anytime with one notice to the contractor if Manpower/staff is provided by the state government.

Executive Engineer,
I&PH Division Pooh,
Distt. Kinnaur (HP).

DRAFT NOTICE INVITING TENDER

Name of Work:-Detailed Estimate for Improvement of source of various WSS under I&PH Division Pooh Distt. Kinnaur, (H.P.) (SH:- Excavtion for pipe,L/J of GI Pipe of various dia at various Rd's) Job No. 1					Estimated Cost:-Rs. 1,40,946/-	
					Earnest Money:-Rs. 2900/-only	
					Time:- Six Month	
Sr. No.	Description	Qty.	unit	Rate	Amount	
1	Excavation in foundation trenches etc.in earth work upto all depths in all kinds of soil such as pick work,jumper work,blasting and chiselling soft/hard rocks where blasting is prohibited in all leads and lifts including trimming and dressing of side levelling of bed to correct grade and returning the stacked soil in trenches in 15cm.layers by ramming and watrering and then disposing of all surplus excavated soil as directed in all leads and lifts and soring strutting/timbering and dewatering where ever required including restoration of un metalled/metalled paved surfaces of its original conditions including caution boards in all respect and to the entire satisfaction of the Engineer-in-Charge.	704.60	Cum			
2	Providing and laying in trenches galvanised mild steel tubes (M.G.) tube fitting. (Earth work in trenches to be measured and paid for separately.) (Labour Rate only)					
	(a)50 mm dia	340.00	Rmt			
	(b)32 mm dia	350.00	Rmt			
	(c)25 mm dia	220.00	Rmt			
	(d)20 mm dia	880.00	Rmt			
	(e)15 mm dia	620.00	Rmt			
				Total :-		

TERM AND CONDITIONS

- 1 Work shall be carried out in accordance to the HPPWD/IPH specification and to the entire satisfaction of Engineer-in Charge.
- 2 Income Tax, GST, Royalty charges as admissible and other deduction will be recovered as per Govt. norms.
- 3 1% Cess charges under the building and other contractor work (R.E.&C.S.)act,1996.
- 5 In Case of any damage to the private properties i.e. orchards, houses, fields etc. while execution of work, responsibilities will rest with the contractor.
- 6 Nothing shall be paid for the rejected work/substandard works.
- 7 The contractor will be responsible for the removal of defects if any with in a period of six month after the completion of the work at his own cost and risk.
- 8 The rate shall be quoted by the contractor/Firm after site visit.
- 9 Any loss of Govt.material will be recovered at pannel rate from the contractors.
- 10 No Cement work shall be done when embient temprature falls below 5 degree Centigrate.
- 11 The Pipe shall be issued to the contractor at free of cost from Division Store Pooh.

Executive Engineer,
I&PH Division Pooh,
Distt. Kinnaur (HP).

SCHEDULE OF QUANTITY

Name of Work :- Improvement of Source of Various WSS under I&PH Division Pooh Distt Kinnaur (H.P) SH:- Laying and Jointing G.I Pipes of Various Dia,s, MS Chamber & P/F Gun Metal Wheel valve of various Dia,s. Job No. 2		Estimated Cost:-Rs. 238,792/-only			
		Earnest Money:-Rs.5000/-only			
		Time:- Six Months			
Sr. No.	Description	Qty.	Rate	Unit	Amount
1	Excavation in foundation trenches etc. in earth work in all classification of soil such as pick work,jumper work saturated soil including balling out of water,blasting soft/hard rock or chiselling, soft/hard rock where blasting is prohibited in all lifts including trimming and dressing of sides levelling of beds to correct grades including shoring,strutting, planking,timbering and dewatering where ever required, stacking the useable/serviceable materials/soil separately and returning the useable soil in trenches in 15cm layer including consolidating of each deposited layer by ramming and watering and then disposing of all surplus excavated soil useable material as directed with in all leads and lifts including restoration of unmentalled surfaces to its original condition and including cost of diversion for traffic night signals,fixing caution boards,crossing over trenches for access to houses fencing etc. complete in all respect with in all leads and lifts as per direction of Engineer-in-Charge at site.	676.80		Per Cum	
2	Laying Jointing and testing in trenches GMS tube (MG(S/S) including fitting such as Elbow,Tee, Bend of all Degrees (Earth work in Trenches to be Measured and Paid for Seprately) complete with in all leads and lifts to the Entire Satisfaction of Engineer - in -Charge				
(i)	15mm Dia	200.00		Rmt.	
(ii)	20mm Dia	180.00		Rmt.	
(iii)	25mm Dia	1300.00		Rmt.	
(iv)	32mm Dia	200.00		Rmt.	
3	Fixing of MS Chamber (Earth Work in Trenches to be Measured and Paid for Seprately) complete with in all leads and lifts to the Entire Satisfaction of Engineer - in - Charge	5.00		Each	
4	Demolition above G.L.up to floor two level including disposal of unservice materials with in all leads and lifts as per direction of Engineer-in-Charge.(un-reinforced cement concrete up to 15cm thickness.	34.20		Per Cum	
5	Providing and laying Cement Concrete 1:4:8(1cement:4 sand:8 graded stone aggregate 40 mm nominal size) and curing complete excluding the cost of centring and shuttering in foundation and plinth with in all leads and lifts.as per the direction of Engineer-in -Charge.	34.20		Per Cum	
6	P/F GM Gate Valve complete of Following Dia,s .				
(i)	15mm	2.00		Each	
(ii)	20mm	2.00		Each	
(iii)	25mm	6.00		Each	
(iv)	32mm	2.00		Each	
				Total	

TERMS AND CONDITIONS

- 1 **Executive Engineer reserves the right to accept or reject any or all tenders without assigning any reason.**
- 2 **Work shall be carried out in accordance to the HPWD/IPH specification and to the entire satisfaction of Enginee-in Charge.**
- 3 **Income Tax,GST Royalty charges as admissible and other deduction will be recovered as per Govt. Norms.**
- 4 **No cement work shall be done when embient temprature falls below 5 degree Centigrate.**
- 5 **The cement shall be issued to the contractor @Rs.395/- per bag,Steel @ Rs. 5700/-per Qtl at Division Store Pooh including storage Charges.**
- 6 **The contractor will be responsible for watch & ward of materials at site of work Issued to him.**
- 7 **The Pipe shall be Issued to the contractor at free of cost from Divisional Store Pooh**
- 8 **Any loss of Govt.materials will be recovered at pannel rate from the contractors.**

DNIT Approved for Rs. 238,792/-only (Rupees Two Lacs Thirty Eight Thousand Seven Hundred Ninty Two only.)

Executive Engineer
I&PH Division,Pooh.
Distt. Kinnaur(H.P)