

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O Drinking Water Supply to Solan Town from Giri River  
(SH:- Operation and maintenance of water treatment plant 14.72 MLD and its appurtenant works (for 6 months )

Estimated Cost Rs.:- 368800/-  
Earnest money Rs. :- 7400/-  
Time: - Six Months.

Sr. No.	Description of items.	Qty	Rate		Unit	Amount
			In fig	In words		
1	Operation & maintenance of water treatment plant of 14.72 MLD capacity including all component such as rapid sand filter bed , back wash pump ,alum,mixtures ,all type of valves including cleaning of all tanks,such as raw water tans,pre-sedimentation ,clarifloculator and its channels etc. All the cost of material as alum,bleaching powder and energy charges shall be born by the department . The firm shall operate and service all the equipments by deploying skilled,semi skilled and other labour strictly as per the O & M manual of the manufacturers , and as per direction of Engineer-in-charge.	Job			L.S.	

**Total:-**

TERMS AND CONDITIONS:-

- 1 The work should be done as per IPH specification and direction of Engineer in charge..
- 2 Security, GST and other statutory deductions will be made as applicable.
- 3 Nothing will be paid for rejected work/material.
- 4 The contractor /firm shall be responsible for maintenance of oranament plants,lawns and flower beds etc. to the best satisfaction of Engineer in charge .
- 5 The contractor will be fully responsible for for watch and ward of all infrastructure related to filter house from raw water tank to clear water tank in full time .
- 6 The alum will be supplied by the department free of cost to the contractor .
- 7 The contractor shall be responsible for any loss/damage to the plant on account of operation.
- 8 A penalty shall be imposed @ Rs. 1000/- per hour for non operation of plant more than an hour on part of operating staff.
- 9 The O& M staff of contractor /firm shall have to maintain log books of water treatment plant on the proforma provided by the department.
- 10 Contractor shall have to arrange himself adequate tools & plants required for O& M of plant .
- 11 The contractor will be responsible for painting of all equipments manually including epoxy painting where required.
- 12 Release of security shall subject to satisfactory handing over the plant back to the department . All the components of WTP must be is working conditions at the time of handing over the plant back to the department failing which same will be made good at risk & cost of the contractor.
- 13 The contractor /firm shall orgainse regular trainings and workshop for his staff in consultation with the IPH department . So that chemicals are applied optimally and quality standards of treated water conforms CPHEEO manual on water supply and treatment.
- 14 The contractor shall provide an indemnity bond duly attested by 1 st class Magistrate.
- 15 Contractor /firm shall give list of various plants ,equipments to be operated at the time of taking up the work. The contractor will be responsible for any theft of any material of WTP. In case of such incident ,he shall immediately inform the department of the same.
- 16 Spare parts used for maintenance shall be of original make& manufacturer test certificate shall be supplied by the firm.
- 17 Contractor will not be allowed to sublet the work after award of work,failing which the aggrement shall be terminated immediately any security deposit will be forfeited .
- 18 The department will one time supply glass wares (of required) and inventory shall be made at the time of handing over of plant to the contractor /firm. The inventory will be checked at the end of O&M contact. All equipments shall be kept /maintained in working conditions during entire contract period .
- 19 The payment shall be released to the contractor as per payment schedule submitted by him & approved by the competent authority.
- 20 The contractor//firm will be eligible only if they have completed/executed /maintained similar nature of work before quoting the rates. Necessary certificate in this regard duly signed by concerned Executive Engineer is mandatory.

Executive Engineer,  
IPH Division ,Solan.