

Schedule of Quantity

NAME OF WORK:- C/O LIS Seuin Hathi than Khokhan Jamot Phase-Ist near subzi mandi Bhuntar in Tehsil Bhuntar Distt. Kullu HP. (SH :- Providing and installation of motor with pump to lift the water from river to sedimentation tank)

Estimated Cost 203525
 Earnest Money 4071
 Time 3 Months

| Sr. No. | Sub Head & Item of Work | Quantity | Unit | Rate | Amount |
|---------|--|----------|----------|------|--------|
| 1 | Providing horizontal spindle, horizontal/vertical split casing/end suction (Back-pull out arrangements) single/double/multi stage centrifugal pump or combination of pumps, In series/parallel of recommended make such make that is KSB / Kirloskar make suitable for lifting Raw water of river Beas / Sewerage pump fitted with free flow impellers, suitable for operation on 415+/-10% volts 3 phase AC supply. The power of motor should be at least 10% in excess of maximum power required by the pump in complete operating range +10% and -25% of duty point head. The motor should confirm to latest IS specifications with up to date amendments. It should include cost of wiring nut & bolts painting etc. complete and should meet the following requirements:- | 1 set | Per set | | |
| | Set No-I | | | | |
| | Discharge (Q) 30 LPS | | | | |
| | Total Dynamic head:- 6 Mtr. | | | | |
| 2 | Supply and fixing of make Control panel for pump complete with sheet and angle iron fabricated dully painted and complete with internal wiring and comprising of air break starter MCB of suitable Amp. TP voltmeter, ammeter, On/off push button, phase indicating lamps, water level guard and single phase preventer, including entire carriage of material up to all lead and lifts. complete with internal copper wiring etc. | 1 | Per Mtr. | | |
| 3 | Supply and fixing PVC joint less flat water proof cable 2.5 Sqmm to Pump sets as per BIS 694-1990 (latest with up to date amendments) Havells / Finolex make including all other electrical equipments such as Thimbles, flexible pipes, solder, nuts & bolts, cable glands etc.. | 70 | Per Job | | |
| 4 | Providing and fixing of PVC flexible Hose Suction Pipe 100 mm dia. Complete in all respects within all leads and lifts as per direction of the Engineer-in-charge. | 18 | Per Mtr. | | |
| 5 | Providing and fixing of CI Foot Valve 100 mm dia. with set of nipples and clamps etc. within all leads and lifts as per direction of the Engineer-in-charge. | 1 | Each | | |
| 6 | Providing and fixing of CGI sheet small shed for pump Set within all leads and lifts as per direction of the Engineer-in-charge. | 1 | job | | |
| 7 | Installation of all the items appearing at serial No.1 to 5. | 1 | job | | |
| | Pump set-II | | | | |
| 1 | Providing horizontal spindle, horizontal/vertical split casing/end suction (Back-pull out arrangements) single/double/multi stage centrifugal pump or combination of pumps, In series/parallel of recommended make such make that is KSB / Kirloskar make suitable for lifting Raw water of river Beas / Sewerage pump fitted with free flow impellers, suitable for operation on 415+/-10% volts 3 phase AC supply. The power of motor should be at least 10% in excess of maximum power required by the pump in complete operating range +10% and -25% of duty point head. The motor should confirm to latest IS specifications with up to date amendments. It should include cost of wiring nut & bolts painting etc. complete and should meet the following requirements:- | 1 set | Per set | | |
| | Discharge (Q) 6 mtrs | | | | |
| | Total Dynamic head:- 60 LPS | | | | |

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|---|---|----|----------------|--|--|
| 2 | Supply and fixing of make Control panel for pump complete with sheet and angle iron fabricated dully painted and complete with internal wiring and comprising of air break starter MCB of suitable Amp. TP voltmeter, ammeter, On/off push button, phase indicating lamps, water level guard and single phase preventer,including entire carriage of material up to all lead and lifts. complete with internal copper wiring etc. | 1 | Per Mtr. | | |
| 3 | Supply and fixing PVC joint less flat water proof cable 2.5 Sqmm to Pump sets as per BIS 694-1990 (latest with up to date amendments) Havells / Finolex makeincluding all other electrical equipments such as Thimbles, flexible pipes, solder, nuts & bolts,cable glands etc.. | 70 | Per Job | | |
| 4 | Providing and fixing of PVC flexible Hose Suction Pipe 150 mm dia. Complete in all respects within all leads and lifts as per direction of the Engineer-in-charge. | 16 | Per Mtr. | | |
| 5 | Providing and fixing of CI Foot Valve 150 mm dia. with set of nipples and clamps etc. within all leads and lifts as per direction of the Engineer-in-charge. | 1 | Each | | |
| 6 | Providing and fixing of CGI sheet small shed for pump Set within all leads and lifts as per direction of the Engineer-in-charge. | 1 | job | | |
| 7 | Installation of all the items appearing at serial No.1to 5. | 1 | job | | |
| | | | Total:- | | |

TERMS AND CONDITIONS.

- 1 Work will be carried out as per HP.PWD/IPH Specifications
- 2 The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department
- 3 Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge.
- 4 The material such as stone, stone aggregate, sand etc. shall be got approved before supply to site of work by the contractor from the Engineer-in-Charge
- 5 1% Labour cess will be deducted on gross amount from each bill besides other deductions such as income Tax, Surcharge on Income Tax and Sales Tax etc.

Executive Engineer,
I&PH Division,No-II
Kullu at Bhunter.