

SCHEDULE OF QUANTITY

| Name of work:- Providing LWSS to NC/PC Habitation Roda Nallah Satahan in GP Lagdhar Tehsil Sadar Distt. Mandi (HP) | | | | | | | Estimated Cost :- Rs. 4,77,998/- only | |
|---|---|-----------|--------|---------|-----------|-----------|--|--|
| (SH:- Balance Work for Errection of left out accessories at Ist. Stage) | | | | | | | Earnest Money. Rs.:- 9600/- only. | |
| | | | | | | | Time Limit:- One Month. | |
| Sr. No. | Description of items. | Quantity. | | Rates. | | Unit. | Amount. | |
| | | | | In fig. | In Words. | | | |
| 1 | Supply of Cast steel double flanged 80 mm dia sluice valve of Kirloskar/ Kilburn/ IVC/ Fouress/ Gled/ Bhel/ Leader/ KSB make having class ASA 300 having size equal to delivery of pump and capable of withstanding nominal seat pressure of 52 Kg/cm2. The sluice valve conforming to BS 1414 or latest with up to date ammendments in all leads and lifts. | 2.00 | Nos. | | | Each | | |
| 2 | Supply of Cast steel double flanged 80 mm dia Reflux valve of Kirloskar/ Kilburn/ IVC/ Fouress/ Gled/ Bhel/ Leader/ KSB make having class ASA 300 having size equal to delivery of pump and capable of withstanding nominal seat pressure of 52 Kg/cm2. The sluice valve conforming to BS 1414 or latest with up to date ammendments in all leads and lifts. | 2.00 | Nos. | | | Each | | |
| 3 | Supply of Cast iron double flanged 100 mm dia sluice valve of Kirloskar/ Kilburn/ IVC/ Fouress/ Gled/ Bhel/ Leader/ Kartar make class-I and capable of withstanding nominal seat pressure as per IS:780-1984/ IS:14846 with up to date ammendments in all leads and lifts. | 2.00 | Nos. | | | Each | | |
| 4 | P/L suitable size copper PVC insulated armoured power 3 1/2 core cable size 95 mm2 of seimen/ Gloster/ ICC make conforming to BIS 1554 (Part I) -1988 or latest with up to date ammendments from meter of HPSEB to OCB & from OCB to Busbar switch & starter (one cable carrying all three phases) including all other electrical equipment/accessories such as thimbles,flexible pipe,solder,nuts & bolts,cable glands etc. laid in pipes or trenches under floor .The type,size & make will be subject to approval of HPSEB authorities.In case of non acceptance by HPSEB authorities it shall have to be replaced by the tenderer free of cost. | 5.00 | Meters | | | Per Meter | | |
| 5 | P/L suitable size copper PVC insulated armoured power three core cable size 70mm2 conforming to BIS 1554(part I)-1988 or latest with up to date ammendments Siemen/Gloster/ICC/Havells/Finolex make from switch to starter & starter to motor (one cable for carrying all three phases) including all other electrical equipment /accessories such as thimbles,flexible pipes,solder,nuts & bolts,cable glands etc. laid in pipes or trenches under floor.The type,size & make will be subject to approval of HPSEB authorities.In case of non acceptance by HPSEB authorities it shall have to be replaced by the tenderer free of cost. | 7.50 | Meters | | | Per Meter | | |
| 6 | P/L double loop earthing with GI plate 600x600x3mm thick electrode complete with material such as charcoal, common salt ,GI pipes,thimbles,nuts & bolts,digging of pits,GI wiring & 25x5mm GI strips of required capacity conforming to BIS 3043-1987 latest with up to date ammendments for above motors & other electrical equipment. | 1.00 | Job | | | Per Job | | |

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|-----|--|------|------|--|--|---------|--|
| 7 | Supply & erection of floor/wall mounted power factor shunt capacitor (capacitor bank) conforming to BIS 2834-1986 latest with upto date ammendments Havells/ L & T BHEL/GEC/Machneil/ Mager/Bajaj make to raise the prevailing power factor at site to 0.95 for direct connection to induction motor individually,of 34 KVAR according to HP of motor offered including cable Siemens/Gloster/ICC make from busbar chamber to capacitor & also including LT/LK/Kilburn make ICTP switches conforming to BIS 4064-1978 or latest with HRC fuses (Range to be specified by the tenderer. | 2.00 | Nos. | | | Each | |
| 8 | Supply of standard make 100mm dia circular dial pressure gauge of suitable range Fiebeg/Bourden/ Precision make with all accessories such as stop cock,copper tubing etc. conforming to BIS 3624-1987 latest with up to date ammendments. | 2.00 | Nos. | | | Each | |
| 9 | P/L suction,delivery pipe considering site requirements,NPSH required & available & common header having area equal to two times the area of delivery branch of pump or equal to dia of Rising Main which ever is higher including tapers, flanges, rubber gaskets 3 mm thick as per as per BIS-2712-1978 nuts & bolts as per 1364-1983 & special up to 5 mtrs. away from the outer wall of pump house as per layout drawings approved by Engineer-in-Charge The pipes shall be capable of withstanding 1.5 times the total presure indicated . | 1.00 | Job | | | Per Job | |
| i | Common Header 150 mm dia MS pipe | | | | | | |
| ii | Delivery 80 mm dia. | | | | | | |
| iii | Suction 100 mm dia | | | | | | |
| | NOTE:- Actual laying to be done as per final drawings to be approved by the Engineer in charge | | | | | | |

Terms and Condition

- 1 The work should be executed as per PWD/IPH/Electrical/ISI Specifications and to the entire satisfaction of the Engineer - in - Charge.
- 2 The Contractor shall be responsible for watch and ward of material at site of work.
- 3 Nothing shall be paid for sub-standard material/rejected works.
- 4 The work should be completed in the stipulated period.
- 6 Guarantee period for all sanitary and electrical items shall be 12 months from the date of commissioning.
- 7 1% labour cess will be deducted from the bill of the contractor.
- 8 GST as applicable will be born by the contractor.

**Executive Engineer,
Jal Shakti Division Mandi.**