

Sangli Miraj Kupwad City Corporation

Drainage Department Sangli.

ESTIMATE

| Name of:- work | Repairing of Centrifugal Pumpset at Various Pumping Station at Sangli, Drainage Department. . | |
|-------------------|---|---------|
| Sr. No | Description | Qty |
| A | Sherinala 60 HP pumping station | |
| 1 | Removing of existing Centrifugal pump (SHN-150/32) of 60 HP (65% of 7485) | 4 no |
| 2 | Dismantling of existing Centrifugal pump (SHN-150/32) of 60 HP(65% of 7485) | 4 no |
| 3 | Providing ,fixing and erecting 8 nutbolts and washers, rubber bushing and packing to joint delivery pipe of existing pumpset no. 3 | 1 job |
| 4 | providing rubber bushing no.225 for coupling set of pumps | 6 no |
| 5 | Removing cracked impeller casing from pumpset no.2.,welding on both side of it and giving satisfactory trial after repairing | 1 job |
| 5 | Lowering, laying and jointing in position sluice valves(200mm) including all cost of labour jointing material, including nut bolts and giving satisfactory testing | 1 job |
| 6 | Making and erecting S.S. shaft as per sample for pump set no.3 & spare pumpset of 60 HP | 2 job |
| 7 | Provinng and supplying 40 mm CI ball valve threaded with barrel niple | 5 no |
| 8 | Providing and fixing new 32 nos studs made up of SS with packing for Baseplate of Pumpset No.1 to 4 by removing old damaged and rusted studs | 4 job |
| 9 | Providing & erecting 16mm gland packing(soot) for pumpsets | 1 kg |
| 11 | Lowering, laying and jointing in position sluice valves(200mm) including all cost of labour jointing material, including nut bolts and giving satisfactory testing | 1 job |
| 12 | Providing and fixing new16 no. nut bolts and washers made up of SS with rubber packing for inspection cover of 60 HP pumpset no. 1 to 4 By removing old damaged and rusted nutbolts | 4 job |
| 13 | Providing , supplying and erecting 200 mm delivery pipe of 2.5 meter long including flanges, nutbolts, welding, gas cutting etc for pumpset no.4 | 2.5 RMT |
| | i) Lowering and laying in position to correct line and level including MS pipes | 2.5 RMT |
| | ii) Pipe welding in all required position | 2.5 RMT |
| | iii) Gas Cutting of pipe of required size | 2.5 RMT |
| | iv) Providing , fabricating, erecting MS Flanges | 2 kg |
| 14 | Providing , supplying and erecting 200 mm suction pipe of 3 meter long including flanges, nutbolts, welding, gas cutting etc for pumpset no.4 | 3 RMT |
| | i) Lowering and laying in position to correct line and level including MS pipes | 3 RMT |
| | ii) Pipe welding in all required position | 3 RMT |
| | iii) Gas Cutting of pipe of required size | 3 RMT |
| | iv) Providing , fabricating, erecting MS Flanges | 2 kg |

| | | |
|----------|--|----------|
| 15 | Providing , supplying and erecting 200 mm delivery pipe of 3 meter long including flanges, nutbolts, welding, gas cutting etc. for pumpset no.1 | 3 RMT |
| | i) Lowering and laying in position to correct line and level including MS pipes | 3 RMT |
| | ii) Pipe welding in all required position | 3 RMT |
| | iii) Gas Cutting of pipe of required size | 3 RMT |
| | iv) Providing , fabricating, erecting MS Flanges | 2 kg |
| 16 | Providing and fixing coupling set between pump and motor for pumpset no 3 and 4 | 2 no |
| 17 | Assembling of existing centrifugal Pump(SHN 150/32) of 60 HP (50% of 7485) | 4 job |
| 18 | Reerction of existing centrifugal pump(SHN 150/32) of 60 HP (50% of 7485) | 4 job |
| B | Sangliwadi Pumping station | |
| 1 | Providing, supplying and fixing 100 mm dia. Delivery pipe of 8.5 meter long G.I. pipe | 8.53 MTR |
| | i) Provinding and fixing GI Pipe bend 4 inch | 1 nos |
| | ii) Provinding MS flanges 4 inch | 36kg |
| | iii) Providing and fixing nutbolts and washer to join pipes of pumpset | 10 kg |
| | iv)Providing and fixing rubber packing to join pipes of pumpset | 15 |
| | v)Pipe cutting with pipe cutter | 3 days |
| | vi)Pipe welding with welder | 3 days |
| 2 | Providing and fixing box of iron sheet as per dimensions for MSEB meter board | 1 job |
| 3 | Lowering, laying and jointing in position sluice valves(100mm) including all cost of labour jointing material, including nut bolts and giving satisfactory testing | 1 job |
| C | Vakhar Bhag Pumping station | |
| 1 | Providing and fixing the impeller to the pump assembly at vakahr bhag by removing old impeller and giving satisfactory trial after fixing | 1 job |
| 2 | Providing, machining and fixing coupling set between pump and motor for pump | 1 job |
| D | Various pumping station | |
| 1 | Providing & Supplying Lubricating oil for pumpsets | 20 Ltr. |
| 2 | Providing and supplying grease for pumpset | 10 Kg. |