

PERIODICAL MAINTENANCE OF STP MACHINERIES

Repair and periodical maintenance of following machineries should be carried out by the agency/contractor for a period of one year. The contractor/agency shall repair all the equipments / machineries installed in STP and should replace the filters and spare parts if necessary. Details of machineries are mentioned below.

1. **Chemical Tank**

0.5HP Kirloskar motor with gear box -5 No

2. **Flocculator & Flash Mixer**

1.5HP motor with gear box

Flocculator – 2 No's (16 to 20 RPM)

Flash Mixer – 2 No's (70 to 100 RPM)

3. **Sullage Motor with Pump**

1.5HP Kirloskar motor -2 Nos

4. **Sludge Motor with Pump**

3HP Kirloskar motor -4 Nos

5. **Sewage Motor with Pump**

3HP Kirloskar motor -2 Nos

6. **Recirculation pump with motor**

2HP Kirloskar motor -2 Nos

7. **Filter Feed pump with motor**

5HP Kirloskar motor -2 Nos

8. **Sludge Pump**

2HP Kirloskar motor 70rpm -1Nos

9. **Screw pump & Filter press**

Screw pump with kirloskar motor 2HP – 1No

Filter press with hydraulic system, 32 plates& filter cloth size 60*60 cm

10. **Treated water recycling pump with motor**
7.5HP Kirloskar motor -2 Nos
11. **Ultra filtration backwash pump with motor**
5.5HP Kirloskar motor -2 Nos
12. **Blower(2 No's)**
Make: Everest
Motor: 15HP, 1460 RPM – 2Nos
Air flow – 450 to 500 M3
13. **Filter backwash pump with motor**
5HP, 2870 RPM Kirloskar motor -2 No's
14. **Ultra Filtration System**
Unit – 2 No's
3HP, 2780 RPM Kirloskar motor with pump -4Nos
15. **Rack**
Total no of rack – 3 Nos
Premium gear box (Crompton) 1:70 ratio
Rating – 1.5 HP
16. **Pressure Sand Filter**
Cylindrical type
Media – Pebbles and sand
17. **Carbon Filter**
Cylindrical type
Media – Carbon
18. Electrical Control Board
19. All others installed including valves, Flange, long bend, M.S pipe etc

QUOTED RATE FOR THE MAINTENANCE OF STP MACHINERIES INCLUDING SPARE PARTS:

QUOTED RATE FOR THE MAINTENANCE OF STP MACHINERIES WITHOUT SPARE PARTS :

NAME OF AGENCY:

SIGNATURE:

