



| LIST OF EQUIPMENTS | |
|--------------------|--------------------------------|
| S/N. NO | TAG. NO. DESCRIPTION |
| 1 | RAWT RAW WATER TANK |
| 2 | RWP RAW WATER PUMP |
| 3 | ROHP RO HIGH PRESSURE PUMP |
| 4 | PSF PRESSURE SAND FILTER |
| 5 | ADS ANTI SCALENT DOSING SYSTEM |
| 6 | SF SOFTENING UNIT |
| 7 | CF CARTRIDGE FILTER |
| 8 | ROH RO HOUSING |
| 9 | SWT SOFT WATER TANK |
| 10 | SWFP SOFT WATER FEED PUMP |
| 11 | ROPT RO PRODUCT TANK |
| 12 | DP DOSING PUMP |
| 13 | DT Dosing Tank |
| 14 | BMTD Brine Mixing Tank |
| 15 | CST Chemical Sennitize Tank |
| 16 | EDID Electro De-Ionisation |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

| LIST OF INSTRUMENTS | |
|---------------------|---|
| S.R. NO | TAG. NO. DESCRIPTION |
| 1 | FM FLOW METER / ROTAMETER |
| 2 | PG PRESSURE GAUGE |
| 3 | SPV SAMPLING VALVE |
| 4 | ORP OXIDATION REDUCTION POTENTIAL |
| 5 | LS LOW LEVEL SWITCH |
| 6 | LPS LOW PRESSURE SWITCH |
| 7 | HPS HIGH PRESSURE SWITCH |
| 8 | CIC CONDUCTIVITY INDICATOR CUM CONTROLLER |
| 9 | FIS FLOTY LEVEL SWITCH |
| 10 | SB SPRAY BALL |
| 11 | pHC pH INDICATOR CUM CONTROLLER |
| 12 | |
| 13 | |

| PIPING SYMBOL & DESCRIPTION | |
|-----------------------------|-----------------------|
| | MV MOTORISED VALVE |
| | BV BALL VALVE |
| | NRV NON RETURN VALVE |
| | FDV FLOW DIVERT VALVE |
| | NV NEEDLE VALVE |
| | DV DIAPHRAM VALVE |
| | SP SAMPLING POINT |
| | BFV BUTTERFLY VALVE |
| | SOV SOLENOID VALVE |

| CLIENT SCOPE | |
|----------------------|--|
| SS PIPE LINE | |
| CLIENT SCOPE | |
| DRAIN LINE | |
| INTER LOCK & HMI PLC | |

| | |
|---------------------------------|--|
| DRAWN | |
| CHECKED | |
| APPROVED | |
| OTHER | |
| SHEET NO. 1 OF 1 | |
| PROJECT | |
| TITLE :- PAID FOR PW GENERATION | |