



SLD FOR PROPOSED TREATMENT FACILITY FOR DH.HULHUDHELI

NOTE :-
SINGLE LINE DIAGRAM IS INDICATIVE AND FOR REFERENCE. CONTRACTOR SHALL BE DESIGN THE SYSTEM AS PER REQUIREMENT.
1. ALL DIMENSIONS ARE IN MM UNLESS AND OTHERWISE SPECIFIED.

PROTECTION:-
OVERLOAD RELAY, SINGLE PHASE PREVENTOR AND EARTH FAULT RELAY PROTECTION

- ◀◀□▶▶ CIRCUIT BREAKER
- TRANSFORMER (VT-VOLTAGE TRANSFORMER)
- ∩ SINGLE LINE CURRENT TRANSFORMER

- DOL STARTER
- ⊗ PHASE HEALTHY INDICATION LAMPS (R.Y.B-RED. YELLOW. BLUE.)
- ⚡ STAR DELTA STARTER
- Ⓜ LPBS LOCAL PUSH BUTTON STATION
- Ⓜ VFD VARIABLE FREQUENCY DRIVE

- INSTRUMENTATION:-**
- ASS AMMETER SELECTOR SWITCH
 - A AMMETER
 - VSS VOLT SELECTOR SWITCH
 - V VOLTMETER
 - MFM MULTI FUNCTION METER CONSISTS OF KVA.KW.KVAR A.V.POWER CTOR AND FREQUENCY METER, KVAH, KWH, KVARH WITH PORT

| No. | DESCRIPTION | BY | DATE | APPR. |
|--|-------------|----|------|-------|
| REVISION | | | | |
| CONSULTANT: SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA | | | | |
| IN ASSOCIATION WITH: DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES | | | | |

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| TENDER PURPOSE | | | | |
| CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY MALDIVES REPUBLIC OF MALDIVES | | | | |
| PROJECT: PROVISION OF RAINWATER HARVESTING SYSTEM IN 8 ISLANDS | | | | |
| ASSIGNMENT: CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN AA. HIBANDHROO, AA. BODUFULHADHROO, AA. MATHIVELI, ADH. KUNBURUDHROO, ADH. DHEGURAI, DH. BANDHROO, DH. HULHUDHELI, DH. MEEDHROO, MALDIVES (PACKAGE - 3) | | | | |
| DRAWING TITLE: SLD FOR PROPOSED TREATMENT FACILITY FOR DH.HULHUDHELI | | | | |
| APPROVED: SPK | DESIGNED: SDB | DESIGNED: SDB | DRAWN: JAD | |
| SCALE: AS SHOWN | DATE: FEB 2018 | DRAWING NUMBER: Dh. Hulhudheli/EL/01 | REVISION: 0 | |