

SLD FOR PROPOSED TREATMENT FACILITY FOR HA.UTHEEM

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)

Σ 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

| | | | | | | | | | | | | |
|---|-------------|--|----|------|-------|--|---------|----------|------------------|-----|----------|-----|
| | | | | | | <div>CLIENT</div> <div>MINISTRY OF ENVIRONMENT AND ENERGY MALE' REPUBLIC OF MALDIVES</div> | | | | | | |
| | | | | | | <div>PROJECT</div> <div>PROVISION OF RAINWATER HARVESTING SYSTEM IN 10 ISLANDS</div> | | | | | | |
| | | | | | | <div>ASSIGNMENT</div> <div>CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN HA. UTHEEMU, HA. MULHADHOO, HA. MURADHOO, HA. ULJAMU, HA. MAARANDHOO, HA. FILLADHOO, HDH. FINEY, HDH. KURINBI, HDH. NEYKURENDHOO, HDH. HIRIMARADHOO, MALDIVES [PACKAGE - 1]</div> | | | | | | |
| No. | DESCRIPTION | | BY | DATE | APPR. | | | | | | | |
| REVISION | | | | | | DRAWING TITLE | | | | | | |
| | | | | | | SLD FOR PROPOSED TREATMENT FACILITY FOR HA.UTHEEM | | | | | | |
| CONSULTANT | | | | | | APPROVED | | | | | | |
| IN ASSOCIATION WITH | | | | | | SPK | CHECKED | SDB | DESIGNED | SDB | DRAWN | JAD |
|  SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA | | | | | | | | | | | | |
|  DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES | | | | | | SCALE | | DATE | DRAWING NUMBER | | REVISION | |
| | | | | | | AS SHOWN | | FEB 2018 | Ha.Utheemu/EL/01 | | 0 | |

TENDER PURPOSE