



SLD FOR PROPOSED TREATMENT FACILITY FOR GDH. FARESMAATHODOA

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

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | | TENDER PURPOSE | | | |
| | | | | CLIENT | | | |
| | | | | MINISTRY OF ENVIRONMENT AND ENERGY MALE REPUBLIC OF MALDIVES | | | |
| | | | | PROJECT | | | |
| | | | | PROVISION OF RAINWATER HARVESTING SYSTEM IN 8 ISLANDS | | | |
| | | | | ASSIGNMENT | | | |
| | | | | CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN GA. NILANDHOO, GA. MAAMENDHOO, GA. KONDEY, GDH. NADELLA, GDH. HOADEHDHOO, GDH. FIYOARL, GDH. RATHAFANDHOO, GDH. FARESMAATHODAA, MALDIVES (PACKAGE - 5) | | | |
| | | | | DRAWING TITLE | | | |
| | | | | SLD FOR PROPOSED TREATMENT FACILITY FOR GDH. FARESMAATHODOA | | | |
| | | | | REVISION | | | |
| | | | | CONSULTANT | | | |
| | | | | SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA IN ASSOCIATION WITH DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES | | | |
| | | | | APPROVED | | | |
| | | | | SPK SDB SDB JAD | | | |
| | | | | SCALE | | | |
| | | | | AS SHOWN FEB 2018 Gdh. Faresmaathodaa/EL/01 0 | | | |