



SLD FOR PROPOSED TREATMENT FACILITY FOR DH.MEEDHOO

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)
E 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 AA. HIMANDROO, AA. BODUPULHADHOO, AA. MATHIVELI, ADHI. KUNBURUDHOO, ADHI. DHIGURAI, DH. BANDERHOO, DH. HULHEDHIELI, DH. MEEDHOO, MALDIVES (PACKAGE - 3)				
DRAWING TITLE SLD FOR PROPOSED TREATMENT FACILITY FOR DH.MEEDHOO				
APPROVED SPK SDB SDB JAD				
SCALE AS SHOWN				
DATE FEB 2018				
DRAWING NUMBER Dh. Meedhoo/EL/01				
REVISION 0				

CONSULTANT
SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA
IN ASSOCIATION WITH
DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES