



SLD FOR PROPOSED TREATMENT FACILITY FOR AA.MATHIVERI

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 AA. HIMANDHOO, AA. BODUFULHADHOO, AA. MATHIVERI, ADH. KUNBURUDHOO, ADH. DHIGURAH, DH. BANDIDHOO, DH. HULHUTHIELL, DH. MEEDHOO, MALDIVES [PACKAGE - 3]
No. DESCRIPTION BY DATE APPR.					DRAWING TITLE SLD FOR PROPOSED TREATMENT FACILITY FOR AA.MATHIVERI AA. MATHIVERI
REVISION					APPROVED SPK SDB SDB JAD
CONSULTANT SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA IN ASSOCIATION WITH DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES					SCALE AS SHOWN
					DATE FEB 2018
					DRAWING NUMBER AA. Mathiveri/EL/01
					REVISION 0