



SLD FOR PROPOSED TREATMENT FACILITY FOR N. MAGOODHOO

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 10 ISLANDS
					ASSIGNMENT CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN SH. FEYDHOO, SH. NARUDHOO, SH. FEEVAH, SH. LHAIMAGU, SH. NOOMARA, BLEHFFAH, SH. FUNADHOO, N. MAGOODHOO, N. HENBADHOO, N. LHOHI, MALDIVES [PACKAGE-2]
No.	DESCRIPTION	BY	DATE	APPR.	DRAWING TITLE SLD FOR PROPOSED TREATMENT FACILITY FOR N. MAGOODHOO
REVISION					APPROVED SPK SCALE AS SHOWN
CONSULTANT IN ASSOCIATION WITH SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES					CHECKED SDB DATE FEB 2018
					DESIGNED SDB DRAWN JAD DRAWING NUMBER N. Magoodhoo/EL/01
					REVISION 0