



SLD FOR PROPOSED TREATMENT FACILITY FOR GA.MAAMENDHOO

TENDER PURPOSE

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

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TRANSFORMER
(VT-VOLTAGE TRANSFORMER)

Σ
SINGLE LINE CURRENT
TRANSFORMER

⤵
DOL STARTER

⊗
PHASE HEALTHY INDICATION
LAMPS (R.Y.B-RED. YELLOW. BLUE.)

⚡
STAR DELTA STARTER

ⓁⓅⓅⓈ
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

No.	DESCRIPTION	BY	DATE	APPR.
REVISION				
CONSULTANT				
SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA				
IN ASSOCIATION WITH				
DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES				
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. FIYOARI, GDH. RATHAFANDHOO, GDH. FARESMATHODAA, MALDIVES (PACKAGE - 5)				
DRAWING TITLE				
SLD FOR PROPOSED TREATMENT FACILITY FOR GA.MAAMENDHOO				
APPROVED		CHECKED		DESIGNED
SPK		SDB		SDB
SCALE		DATE		DRAWN
AS SHOWN		FEB 2018		JAD
DRAWING NUMBER		REVISION		
Ga. Maamendhoo/EL/01				0