



# SLD FOR PROPOSED TREATMENT FACILITY FOR HA.MAARANDHOO

**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)
- SINGLE LINE CURRENT TRANSFORMER

- DOL STARTER
- PHASE HEALTHY INDICATION LAMPS (R.Y.B-RED. YELLOW. BLUE.)
- STAR DELTA STARTER
- LOCAL PUSH BUTTON STATION
- 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				
IN ASSOCIATION WITH				
SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA				
DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES				

TENDER PURPOSE				
<b>MINISTRY OF ENVIRONMENT AND ENERGY</b> 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 HA. UTHIRUMI, HA. MULAHAADHO, HA. MURADHOO, HA. ULGAMU, HA. MAARANDHOO, HA. FILLADHOO, HDH. FINNEY, HDH. KURINBI, HDH. NEYKURENDHOO, HDH. HRIMARADHOO, MALDIVES (PACKAGE - 1)				
DRAWING TITLE				
SLD FOR PROPOSED TREATMENT FACILITY FOR HA.MAARANDHOO				
APPROVED	DRAWN	CHECKED	DESIGNED	SHOWN
SPK	SDB	SDB	JAD	
SCALE	DATE	DRAWING NUMBER	REVISION	
AS SHOWN	FEB 2018	Ha. Maarandhoo/EL/01	0	