

# SLD FOR PROPOSED TREATMENT FACILITY FOR HA.MULHADHOO

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  
-O- 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

REVISION				
No.	DESCRIPTION	BY	DATE	APPR.
IN ASSOCIATION WITH				
SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA				
DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES				

<div></div> <div>MINISTRY OF ENVIRONMENT AND ENERGY MALE REPUBLIC OF MALDIVES</div>	
PROJECT PROVISION OF RAINWATER HARVESTING SYSTEM IN 10 ISLANDS	
ASSIGNMENT CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN HA, UTHREEMU, HA, MULHADHOO, HA, MURADHOO, HA, ULGAMU, HA, MAARANDHOO, HA, FILLADHOO, HDH, FINEY, HDH, KURINBI, HDH, NEYKURENDHOO, HDH, HIRIMARADHOO, MALDIVES (PACKAGE - I)	
DRAWING TITLE SLD FOR PROPOSED TREATMENT FACILITY FOR HA.MULHADHOO	
APPROVED SPK                      SDB                      SDB                      JAD	
CHECKED	
DESIGNED	
DRAWN	
SCALE AS SHOWN	DATE FEB 2018
DRAWING NUMBER Ha. Mulhadhoo/EL/01	
REVISION 0	

BY LANSBURY