



# SLD FOR PROPOSED TREATMENT FACILITY FOR GA.NILANDHOO

## 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

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. KONDHEY, GDH. NADDELLA, GDH. BOADEHEDHOO, GDH. ITTOARH, GDH. RATHAFANDHOO, GDH. FAREESMAATHODAA, MALDIVES (PACKAGE - 5)			
DRAWING TITLE SLD FOR PROPOSED TREATMENT FACILITY FOR GA.NILANDHOO			
APPROVED SPK	CHECKED SDB	DESIGNED SDB	DRAWN JAD
SCALE AS SHOWN	DATE FEB 2018	DRAWING NUMBER Ga. Nilandhoo/EL/01	REVISION 0