



# SLD FOR PROPOSED TREATMENT FACILITY FOR GDH.NADELLA

## 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.
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. BOADEHEDHOO, GDH. ITTOARU, GDH. RATHAFANDHOO, GDH. FAREESMAATHODAA, MALDIVES (PACKAGE - 5)			
DRAWING TITLE			
SLD FOR PROPOSED TREATMENT FACILITY FOR GDH.NADELLA			
APPROVED	SPK	CHECKED	SDB
DESIGNED	SDB	DRAWN	JAD
SCALE	AS SHOWN	DATE	FEB 2018
DRAWING NUMBER	Gdh. Nadella/EL/01	REVISION	0