



# SLD FOR PROPOSED TREATMENT FACILITY FOR M.NAALAFUSHI

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
- TRANSFORMER (VT-VOLTAGE TRANSFORMER)
- ∩ 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
- MFCM 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 <b>SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA</b> IN ASSOCIATION WITH <b>DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES</b>				

CLIENT	MINISTRY OF ENVIRONMENT AND ENERGY MALE, REPUBLIC OF MALDIVES			
PROJECT	PROVISION OF RAINWATER HARVESTING SYSTEM IN 9 ISLANDS			
ASSIGNMENT	CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN TH. VANDHOO, TH. GAADHIFUSHI, TH. OMADHOO, TH. KANDOODHOO, TH. KINBIDHOO, TH. DHIYAMIGILI, M. RAIYMANDHOO, M. VEYVAH, M. NAALAFUSHI, MALDIVES (PACKAGE - 4)			
DRAWING TITLE	SLD FOR PROPOSED TREATMENT FACILITY FOR M.NAALAFUSHI			
APPROVED	SPK	CHECKED	SDB	DESIGNED
SCALE	AS SHOWN	DATE	FEB 2018	DRAWING NUMBER
				M. Naalafushi/EL/01
				REVISION
				0