



# SLD FOR PROPOSED TREATMENT FACILITY FOR SH.NOOMARA

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
- 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				
CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY 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 SH. FEYDHOO, SH. NARUDHOO, SH. FEEVAH, SH. LHAMAGU, SH. NOOMARA, BILEHFFAHI, SH. FUNADHOO, N. MAGOODHOO, N. HENBADHOO, N. LHOHI, MALDIVES [PACKAGE-2]				
DRAWING TITLE: SLD FOR PROPOSED TREATMENT FACILITY FOR SH.NOOMARA				
APPROVED	SPK	CHECKED	SDB	DESIGNED
			SDB	DRAWN
			JAD	
SCALE	AS SHOWN	DATE	FEB 2018	DRAWING NUMBER
			Sh. Noomara/EL/01	REVISION
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