



SLD FOR PROPOSED TREATMENT FACILITY FOR DH.BANDIDHOO

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
- 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 MALDIVES REPUBLIC OF MALDIVES				
PROJECT: PROVISION OF RAINWATER HARVESTING SYSTEM IN 8 ISLANDS				
ASSIGNMENT: CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN AA. HIBANDHOO, AA. BODUFULHADHOO, AA. MATHIVELI, ADH. KUNBURUDHOO, ADH. DHEGURAI, DH. BANDIDHOO, DH. HULHEDEHEI, DH. MEEDHOKA, MALDIVES (PACKAGE - 3)				
DRAWING TITLE: SLD FOR PROPOSED TREATMENT FACILITY FOR DH.BANDIDHOO				
APPROVED: SPK	DESIGNED: SDB	DESIGNED: SDB	DRAWN: JAD	
SCALE: AS SHOWN	DATE: FEB 2018	DRAWING NUMBER: Dh. Bandidhoo/EL/01	REVISION: 0	