



SLD FOR PROPOSED TREATMENT FACILITY FOR M.RAIYMANDHOO

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					
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.RAIYMANDHOO					
CONSULTANT: SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA IN ASSOCIATION WITH DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES		APPROVED: SPK SCALE: AS SHOWN	CHECKED: SDB DATE: FEB 2018	DESIGNED: SDB DRAWN: JAD DRAWING NUMBER: M. Raiymandho/EL/01	REVISION: 0