



SLD FOR PROPOSED TREATMENT FACILITY FOR TH.VANDHOO

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 (LPBS)
 VARIABLE FREQUENCY DRIVE (VFD)

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				

TENDER PURPOSE				
CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY MALDIVES 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. OMAADHOO, TH. KANDOODHOO, TH. KINHDHOO, TH. DHIYAMGILI, M. RAIYMANDHOO, M. VEYVAH, M. NAALAFUSHI, MALDIVES [PACKAGE - 4]				
DRAWING TITLE: SLD FOR PROPOSED TREATMENT FACILITY FOR TH.VANDHOO				
APPROVED	DESIGNED	DESIGNED	DRAWN	
SPK	SDB	SDB	JAD	
SCALE	DATE	DRAWING NUMBER	REVISION	
AS SHOWN	FEB 2018	Th. Vandhoo/EL/01	0	