



SLD FOR PROPOSED TREATMENT FACILITY FOR TH.KANDOODHOO

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				
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 9 ISLANDS				
ASSIGNMENT: CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN TH. VANDHOOG, TH. GAADHIFUSHI, TH. OMAADHOOG, TH. KANDOODHOOG, TH. KINBHIDHOOG, TH. DHIYAMGILI, M. RAIYMANSHOOG, M. VEYVAH, M. NAALAFUSHI, MALDIVES [PACKAGE - 4]				
DRAWING TITLE: SLD FOR PROPOSED TREATMENT FACILITY FOR TH.KANDOODHOOG				
APPROVED	SPK	DRAWN	SDB	DESIGNED
SCALE	AS SHOWN	DATE	FEB 2018	DRAWING NUMBER
			Th. Kandoodhoo/EL/01	REVISION
				0

TENDER PURPOSE