



SLD FOR PROPOSED TREATMENT FACILITY FOR HDH.NEYKURENDHOO

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 HA. UTHEEMU, HA. MULHADHOO, HA. MURADHOO, HA. ULIGAMU, HA. MAARANDHOO, HA. FILLADHOO, HDH. FINEY, HDH. KURINBI, HDH. NEYKURENDHOO, HDH. HIRIMARADHOO, MALDIVES [PACKAGE - 1]	
DRAWING TITLE		SLD FOR PROPOSED TREATMENT FACILITY FOR HDH.NEYKURENDHOO	
APPROVED	CHECKED	DESIGNED	DRAWN
SPK	SDB	SDB	JAD
SCALE	DATE	DRAWING NUMBER	REVISION
AS SHOWN	FEB 2018	Hdh.Neykurendhoo/EL/01	0

TENDER PURPOSE