



SLD FOR PROPOSED TREATMENT FACILITY FOR HDH.HIRIMARADHOO

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
 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.HIRIMARADHOO			
APPROVED	SPK	CHECKED	SDB	DESIGNED
SCALE	AS SHOWN	DATE	FEB 2018	DRAWING NUMBER
				Hdh. Hirimaradhoo/EL/01
				REVISION
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