

SLD FOR PROPOSED TREATMENT FACILITY FOR GDH.RATHAFANDHOO

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)
Σ 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

					TENDER PURPOSE								
					CLIENT								
					 MINISTRY OF ENVIRONMENT AND ENERGY MALE' REPUBLIC OF MALDIVES								
					PROJECT								
					PROVISION OF RAINWATER HARVESTING SYSTEM IN 8 ISLANDS								
					ASSIGNMENT								
					CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN GA. NILANDHOO, GA. MAAMENDHOO, GA. KONDEY, GDH. NADDELLA, GDH. HOADEHIDHOO, GDH. FIYOARE, GDH. RATHAFANDHOO, GDH. FARESSAATHODAA, MALDIVES [PACKAGE - 5]								
No.	DESCRIPTION		BY	DATE	APPR.	DRAWING TITLE							
						SLD FOR PROPOSED TREATMENT FACILITY FOR GDH.RATHAFANDHOO							
CONSULTANT						APPROVED							
 SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA IN ASSOCIATION WITH						SPK		CHECKED	SDB	DESIGNED	SDB	DRAWN	JAD
 DEVELOPMENT TECHNOLOGIES MALDIVES, MALDIVES						SCALE		DATE	DRAWING NUMBER		REVISION		
						AS SHOWN		FEB 2018	Gdh. Rathafandhoo/EL/01		0		