

SLD FOR PROPOSED TREATMENT FACILITY FOR M.RAIYMANDHOO

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
⏏ LOCAL PUSH BUTTON STATION
⏏ LPBS
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

						<div>CLIENT</div> <div><div></div><div>MINISTRY OF ENVIRONMENT AND ENERGY MALE' REPUBLIC OF MALDIVES</div></div>											
						<div>PROJECT</div> <div>PROVISION OF RAINWATER HARVESTING SYSTEM IN 9 ISLANDS</div>											
						<div>ASSIGNMENT</div> <div>CONSULTANCY SERVICES FOR DESIGN AND SUPERVISION OF RAINWATER HARVESTING SYSTEM IN TH. VANDHOO, TH. GAADHIFUSHI, TH. OMADHOO, TH. KANDOODHOO, TH. KINBIDHOO, TH. DHYIAMIGILI, M. RAIYMANDHOO, M. VEYVAH, M. NAALAFUSHI, MALDIVES [PACKAGE - 4]</div>											
No.	DESCRIPTION				BY	DATE	APPR.	<div>DRAWING TITLE</div> <div>SLD FOR PROPOSED TREATMENT FACILITY FOR M.RAIYMANDHOO</div>									
REVISION																	
<div>CONSULTANT</div> <div><div></div><div>SHAH TECHNICAL CONSULTANTS PVT. LTD., INDIA IN ASSOCIATION WITH  DEVELOPMENT TECHNOLOGIES MALDIVES., MALDIVES</div></div>																	
APPROVED			SPK		CHECKED		SDB		DESIGNED		SDB		DRAWN		JAD		
SCALE		AS SHOWN		DATE		FEB 2018		DRAWING NUMBER		M. Raiymandhoo/EL/01				REVISION		0	

TENDER PURPOSE