



# SLD FOR PROPOSED TREATMENT FACILITY FOR TH.OMADHOO

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				
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. VANDHOO, TH. GAADHIFUSHI, TH. OMADHOO, TH. KANDOODHOO, TH. KINBHIDHOO, TH. DHIYAMGILI, M. RAYMANSHOO, M. VEYVAH, M. NAALAFUSHI, MALDIVES [PACKAGE - 4]				
DRAWING TITLE: SLD FOR PROPOSED TREATMENT FACILITY FOR TH.OMADHOO				
APPROVED	SPK	DRAWN	SDB	DESIGNED
SCALE	AS SHOWN	DATE	FEB 2018	DRAWING NUMBER
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				REVISION
				0