



ITEM NO	DESCRIPTION	DIA.(mm)	MATERIAL	LENGTH	PRESSURE	QUANTITY
1	DIVE COUPLING & REDUCER	180x150	DI	-	PN10	1
2	FLANGE SPIGOT PIPE	150	DI	500	PN10	1
3	22.5° BEND	150	DI	-	PN10	1
4	DOUBLE FLANGED PIPE	150	DI	2000	PN10	1
5	90° BEND	150	DI	-	PN10	7
6	DOUBLE FLANGE PIPE	150	DI	600	PN10	1
7	150x100 FLANGE REDUCER	150x100	DI	-	PN10	4
8	DOUBLE FLANGE PIPE WITH PUDDLE FLANGE	100	DI	960	PN10	1
9	FLOW METER	100	DI	-	PN10	1
10	DOUBLE FLANGE PIPE	100	DI	300	PN10	1
11	150x150 ALL FLANGE EQUAL TEE	150x150	DI	-	PN10	3
12	DISMANTLING JOINT	150	DI	200	PN10	6
13	PUMP	150	DI	-	-	4
14	DOUBLE FLANGE PIPE	150	DI	1500	PN10	1
15	DOUBLE FLANGE PIPE WITH PUDDLE FLANGE	150	DI	2330	PN10	1
16	DOUBLE FLANGE PIPE	150	DI	1295	PN10	1
17	DOUBLE FLANGE PIPE WITH PUDDLE FLANGE	100	DI	750	PN10	1
18	100x80 ALL FLANGE EQUAL TEE	100x80	DI	-	PN10	1
19	SINGLE ORIFICE AIR VALVE	80	DI	-	PN10	1
20	DOUBLE FLANGE PIPE WITH PUDDLE FLANGE	100	DI	500	PN10	1
21	BALL FLOAT VALVE	100	DI	-	PN10	1
22	FLANGE SPIGOT PIPE	100	DI	-	PN10	1
23	BELL MOUTH	150	DI	-	PN10	2
24	DOUBLE FLANGE PIPE WITH PUDDLE FLANGE	150	DI	1750	PN10	1
25	DOUBLE FLANGE PIPE	150	DI	750	PN10	1
26	DOUBLE FLANGE PIPE	150	DI	4075	PN10	1
27	DUCK FOOT BEND	150	DI	-	PN10	1
28	DOUBLE FLANGE PIPE WITH PUDDLE FLANGE	150	DI	1200	PN10	1
29	DOUBLE FLANGE PIPE	150	DI	1500	PN10	1
30	FLANGE SPIGOT PIPE WITH PUDDLE FLANGE	150	DI	1800	PN10	1
31	DOUBLE FLANGE PIPE	150	DI	4000	PN10	1
32	FLANGE SPIGOT PIPE WITH PUDDLE FLANGE	150	DI	625	PN10	1

NOTE :-
1. CONTRACTOR SHOULD PROVIDE CONCRETE AND/OR METAL PIPE SUPPORT.



CLIENT:
MINISTRY OF ENVIRONMENT
AND ENERGY

CONSULTANCY SERVICES FOR DESIGN OF WATER SUPPLY FACILITIES IN Ha.HORAFUSHI,
Hdh.HANIMAADHOO,Sh.MILANDHOO,R.UNGOOFAARU,Lh.NAIFARU,Dh.KUDAHUVADHOO
,Th.GURAI DHOO AND Ga.VILLINGILI , MALDIVES

DESIGN	DRAWN	CHECKED	APPROVED
ENGINEER		DESIGN CHIEF	

SL.NO	DRWING NO	DESCRIPTION



GREENTECH CONSULTANTS (Pvt.) Ltd IN ASSOCIATION WITH
DEVELOPMENT COLLABORATION PARTNERSHIP (Pvt.) Ltd MALDIVES AND
OPTIMUM SOLOUTIONS (Pvt) Ltd, MALDIVES

TITLE:
HOARAFUSHI 75m³ RAIN WATER COLLECTING SUMP

DATE
DRG.NO: HOARAFUS/RAINWATERSUMP
SCALE: NOT TO SCALE

SL.NO	DRWING NO	DESCRIPTION