



IMPORTANT NOTE:-
 SIZE OF PIPE AS GIVEN ARE ACTUALLY CALCULATED BY VENDER

EQUIPMENT LIST

S.No.	DESCRIPTION	SPECIFICATION	QTY.
1	BAR SCREEN	800X800 (HOLE SIZE 10MM & 6MM)	2 Nos.
2	SEWERAGE TRANSFER PUMP	CAPACITY- 15.0m ³ /hr@15m HEAD	2(1W+1S)
3	AIR BLOWER	CAPACITY- 250.0m ³ /hr@5000 MMWC	2(1W+1S)
4	SLUDGE TRANSFER PUMP	CAPACITY- 1.0m ³ /hr@40m HEAD	2(1W+1S)
5	SLUDGE RECIRCULATION PUMP	CAPACITY- 52.0m ³ /hr@ 10m HEAD	2(1W+1S)
6	FILTER FEED PUMP	CAPACITY- 16m ³ /hr@30m HEAD	2(1W+1S)
7	MULTI GRADE FILTER (MGF)	DIA-2500X1800 HOS (MSEP)	2 NO.
8	ACTIVATED CARBON FILTER (ACF)	DIA-2500X1800 HOS (MSEP)	2 NO.
9	SCREW PUMP	CAPACITY- 1.5m ³ /hr@40m HEAD	2(1W+1S)
10	FILTER PRESS	SIZE 450X450X 30nos. PLATE	1 NO.
11	CHLORINE DOSING PUMP	CAPACITY- 0-6 LPH	1 NO.
12	CHLORINE DOSING TANK	CAPACITY- 100 Liter	1 NO.
13	POLY DOSING PUMP	CAPACITY- 0-12 LPH	1 NO.
14	POLY DOSING TANK	CAPACITY- 200 Liter	1 NO.
15	SUMP PUMP	CAPACITY- 20.0m ³ /hr@12m HEAD	2(1W+1S)
16	IRRIGATION WATER TR. PUMP	CAPACITY- 10.0m ³ /hr@30m HEAD	2(1W+1S)
17	UV SYSTEM	CAPACITY- 150.0m ³ /hr	1 NO.

LEGENDS

S.No.	SYMBOLS	DESCRIPTION
01		AIR BLOWER
02		SUBMERSIBLE PUMP
03		BUTTERFLY VALVE
04		NON RETURN VALVE
05		SCREW PUMP
06		SOLVING VALVE
07		BALL VALVE
08		Y STRAINER
09		ROTAMETER
10		PRESSURE INDICATOR
11		SAMPLING VALVE
12		DIFFUSER
13		REDUCER
14		MSBR MEDIA
15		FLOW METER

LEGENDS

	SEWAGE LINE
	WATER LINE
	AIR LINE
	DOSING LINE
	SLUDGE LINE

NOTE:-
 SLUDGE DISPOSAL BY CLIENT SCOPE

CLIENT
 IIM LUCKNOW CAMPUS (NOIDA)
 PROJECT NAME
 IIM LUCKNOW CAMPUS (NOIDA)
 DWG TITLE:
 FUNCTIONAL LAYOUT

DATE: 01.04.2024
 REV
 DEALT BY: BHAGWAN PRASAD
 SCALE: N.T.S.

ARCHITECT SIGN
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