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Sample Implementation Budget Report

Sample Central Plant Implementation Budget Report

PROJECT: Sample Project
 CITY: x
 STUDY: New Central Plant

OPTION #: 1
 DATE: Jul-29-02
 SHEET-1

DESCRIPTION	ESTIMATED IMPL. COST
1 - ELECTRIC CHILLERS	400,477
2 - COOLING TOWERS	168,878
3 - SYSTEM PUMPS	62,315
4 - BOILERS AND/OR STACK	
5 - GAS-DRIVEN ABSORPTION CHILLER	
6 - GAS PIPE	
7 - CHILLER WATER PIPE	431,007
8 - HEATING HOT-WATER PIPE	
9 - CONDENSER WATER PIPE	127,614
10 - DCW — COPPER PIPE (Water makeup & Exp. Tank)	13,669
11 - SYSTEM STARTUP	6,800
12 - STEAM & COND. RETURN LINES	
13 - Air Handling Units	
14 - Ductwork	
15 - SYSTEM CONTROLS -	25,801
16 - MISCELLANEOUS COSTS	61,828
SUB-TOTAL =	\$ 1,298,389
18 - Shipping cost	0
19 - xx	0
20 - xx	0
ELECTRICAL WORK IMPLEMENTATION BUDGET =	\$ 65,000
TOTAL ESTIMATED CONSTRUCTION BUDGET =	\$ 1,363,389
10.00% DESIGN CONSULTING FEE =	\$ 136,339
** TOTAL ESTIMATED IMPLEMENTATION BUDGET =	\$ 1,499,728

GENERAL INFORMATION		
Chillers	990	Total Tons
C. Towers	990	Tons
Pumps	165	HPs
Boilers	0	MBTU-OUT
Abs. Chillers	0	Tons
Gas-Pipe	0	L. feet
CHW-Pipe	4,020	L. feet
HHW-Pipe	0	L. feet
Cond. Water Pipe	340	L. feet
DCW - Copper-Pipe	60	L. feet
Trenching	1,050	L. feet
Steam & Cond.	0	L. feet
MAJOR EQUIPMENT (Existing & New)		
CHWP-1	660	GPM
CHWP-2	660	GPM
CHWP-3	600	GPM
SCHWP-1	0	GPM
SCHWP-2	0	GPM
CWP-1	990	GPM
CWP-2	990	GPM
CWP-3	990	GPM
HHWP-1	0	GPM
HHWP-2	0	GPM
Chiller-1	330	Tons
Chiller-2	330	Tons
Chiller-3	330	Tons