

CAIS Projects Module

The purpose of the Projects Module is to allow the CAIS users to aggregate the CAIS Deferred Maintenance and Rehabilitation and Improvement Cost Items into logical blocks of work. By adding a Projects Module, the CAIS Users will be able to more accurately report deferred maintenance and RIC costs to headquarters.

The screen shots contained in this document represent a starting point for the design of the Projects Module.

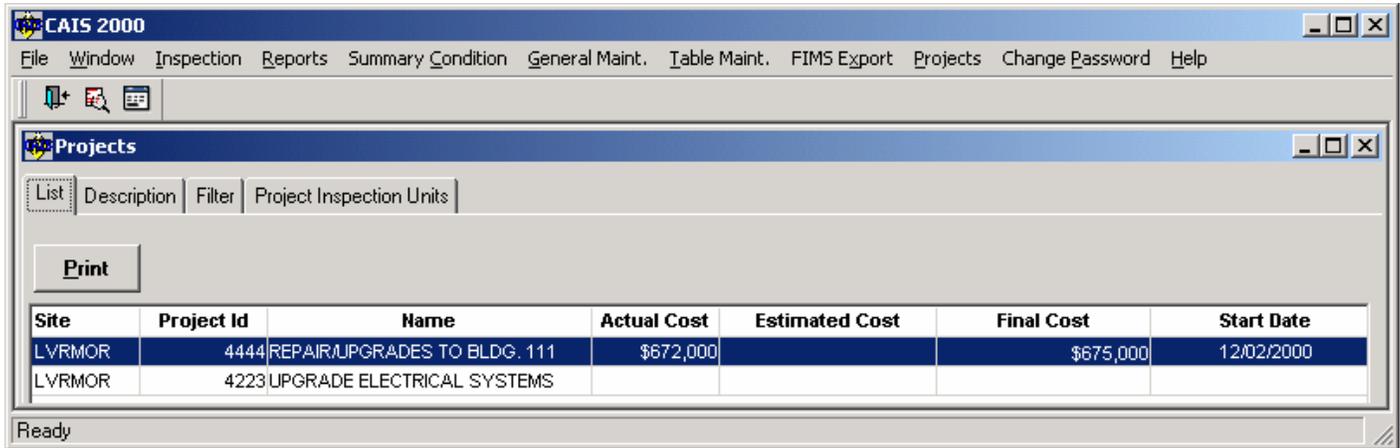


Figure 1: Project Listing Tab

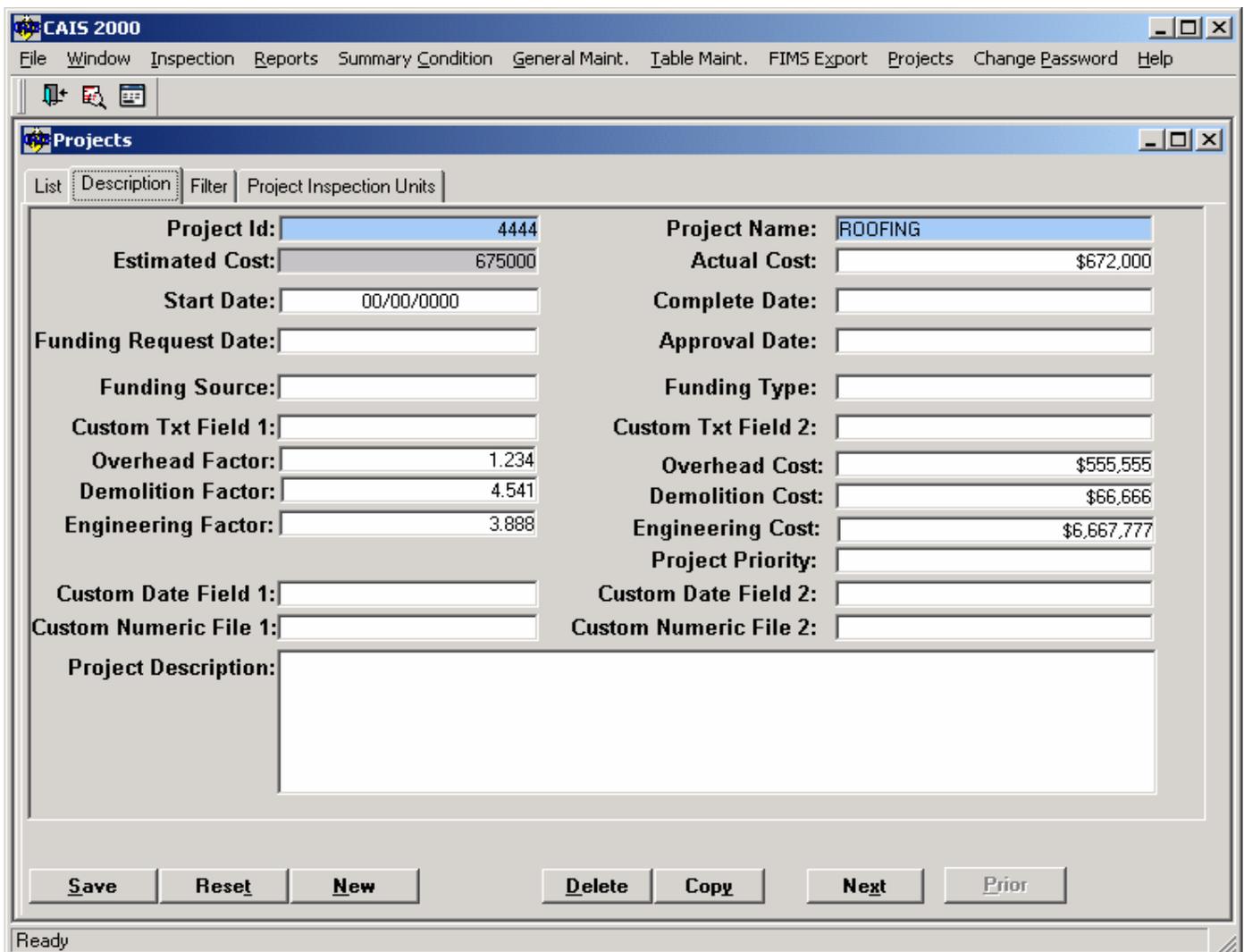


Figure 2: The Projects Detail Tab

Note that either a factor or a cost may be input for Overhead, Demolition and Engineering, not both.

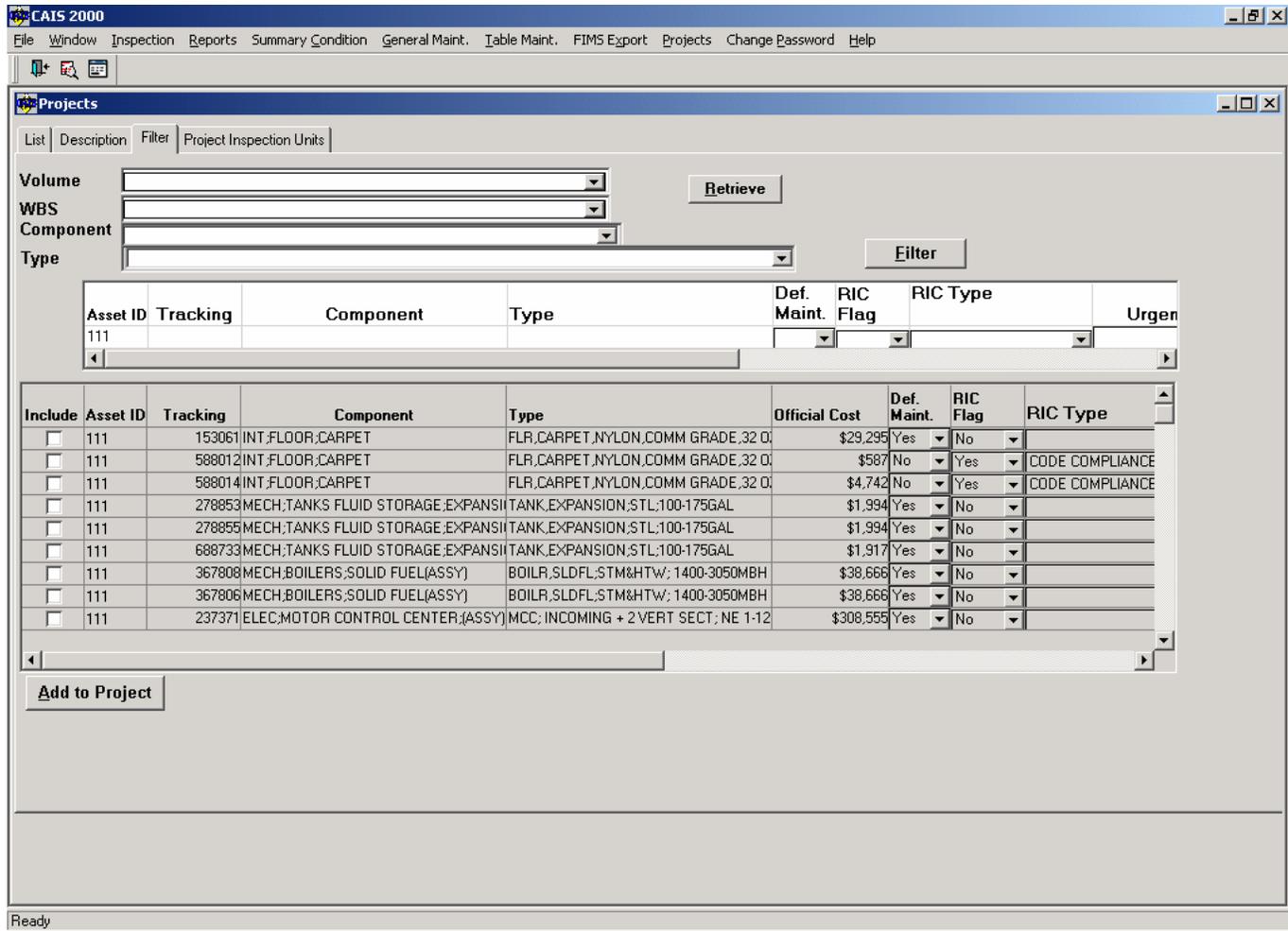


Figure 3: The Inspection Unit Select and Filtering Tab

Functionality:

1. By checking the box and clicking on Add to Project, items will be added to a project.
2. This screen will only retrieve deficiencies with a deferred maintenance flag or modernization flag of 'Yes'.
3. The Volume/WBS/Component/Type lists will be more and more specific. The user may press Retrieve after specifying the Volume.
4. Inspection Units may only be part of on Project at a time.
5. Inspection Units may not be modified when they are part of a project.

CAIS 2000

File Window Inspection Reports Summary Condition General Maint. Table Maint. FIMS Export Projects Change Password Help

Projects

List Description Filter Project Inspection Units

Estimated Cost: 675000 Actual Cost: \$672,000

Overhead Factor: 1.234 Overhead Cost:

Demolition Factor: Demolition Cost: \$150,000

Engineering Factor: Engineering Cost: \$6,667,777

Save

Print

Tracking No.	Area ID	Asset ID	Qty.	U/M	Official Cost	Vol. Code	Volume	Component	Type	Def. Maint. Flag	RIC Fla
588014	14002	111	105	SQYD	\$4,742	C30	Interior Finishes	INT;FLOOR;CARPEFLR,CARPET,NYLON,COMM GRADE,32 ON		Y	N
588012	14002	111	13	SQYD	\$587	C30	Interior Finishes	INT;FLOOR;CARPEFLR,CARPET,NYLON,COMM GRADE,32 ON		Y	N
688733	14002	111	1	EACH	\$1,917	D30	Mechanical - HVAC	MECH;TANKS FLUITank,Expansion;Stl;100-175Gal		Y	N
278853	14002	111	1	EACH	\$1,994	D30	Mechanical - HVAC	MECH;TANKS FLUITank,Expansion;Stl;100-175Gal		Y	N
367808	14002	111	1	EACH	\$38,666	D30	Mechanical - HVAC	MECH;BOILERS;S(Boilr,SlIdFl;Strm&Htw; 1400-3050MBH		Y	N
237371	14002	111	1	EACH	\$308,555	D50	Electrical Systems	ELEC;MOTOR COMMCC; INCOMING + 2 VERT SECT; NE 1-12 Y		Y	N
278851	14002	111	1	EACH	\$3,708	D30	Mechanical - HVAC	MECH;PUMP;FLUI(Pump,Circ;2"-3";1-5 HP		Y	N
579727	14002	111	1	EACH	\$2,213	D30	Mechanical - HVAC	MECH;FANS+BLO\Fan;Cent;RfEx;BDr;1660-2800CFM;12-40"D		Y	N
579540	14002	111	1	EACH	\$797	D30	Mechanical - HVAC	MECH;FANS+BLO\Fan;Ceiling,RtAngle;385-885CFM		Y	N
579536	14002	111	1	EACH	\$797	D30	Mechanical - HVAC	MECH;FANS+BLO\Fan;Ceiling,RtAngle;385-885CFM		Y	N
579534	14002	111	1	EACH	\$1,401	D30	Mechanical - HVAC	MECH;FANS+BLO\Fan;Ceiling,RtAngle;1650-2960CFM		Y	N
Totals:					\$365,377						

Ready

Figure 4: The Project Inspection Unit Detail Tab

File Edit Document Tools View Window Help

112%

CONDITION ASSESSMENT INFORMATION SYSTEM
Project Detail Report
 LAWRENCE LIVERMORE

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 10/15/2003

Project: 4444 REPAIR/UPGRADES TO BLDG. 111
 This project is to repair and replace carpeting and mechanical systems in Building 111.

Start Date: 12/02/2000 **Complete Date:** 06/15/2004 **Priority:** 1
Funding Source: **Funding Type:**

Asset ID	Tracking No.	Component	Type	Qty.	U/M	RIC Type	Official Cost
RIC ITEMS							
111	588014	INT;FLOOR;CARPET	FLR,CARPET,NYLON,COMM GRADE,32 OZ	105	SQYD	CODE COMPLIANCE	\$4,742
111	588012	INT;FLOOR;CARPET	FLR,CARPET,NYLON,COMM GRADE,32 OZ	13	SQYD	CODE COMPLIANCE	\$587
RIC ITEMS Subtotal:							\$5,329
DEFERRED MAINTENANCE ITEMS							
111	237371	ELEC;MOTOR CONTROL CENTER;(AS	MCC; INCOMING + 2 VERT SECT; NE 1-12	1	EACH		\$308,555
115	610421	ELEC;WIRES,CABLES,FITTINGS	CONDUCTOR; CU; 250 - 350 kcmil; 600 V	600	LNFT		\$6,770
115	594687	ELEC;WIRES,CABLES,FITTINGS	CONDUCTOR; CU; 500 kcmil; 600 V	1,200	LNFT		\$16,544
111	367808	MECH;BOILERS,SOLID FUEL;(ASSY)	Boiler,StdFl;Strm&Htw; 1400-3050MBH	1	EACH		\$38,666
111	579534	MECH;FANS+BLOWERS;GP	Fan;Ceiling,RtAngle;1650-2960CFM	1	EACH		\$1,401
111	579536	MECH;FANS+BLOWERS;GP	Fan;Ceiling,RtAngle;385-885CFM	1	EACH		\$797
111	579540	MECH;FANS+BLOWERS;GP	Fan;Ceiling,RtAngle;385-885CFM	1	EACH		\$797
111	579727	MECH;FANS+BLOWERS;GP	Fan;Cent;RtEx;BDr;1650-2800CFM,12-40"D	1	EACH		\$2,213
115	583243	MECH;FURNACES;HOT AIR;(ASSY)	Furnace,HeatHotAir;Elec;240V;70-90MBH	1	EACH		\$1,906
111	278851	MECH;PUMP;FLUID;GP	Pump,Circ;2"-3";1-5 HP	1	EACH		\$3,708
111	688733	MECH;TANKS FLUID STORAGE;EXPAI	Tank,Expansion;Stl;100-175Gal	1	EACH		\$1,917
111	278853	MECH;TANKS FLUID STORAGE;EXPAI	Tank,Expansion;Stl;100-175Gal	1	EACH		\$1,994
DEFERRED MAINTENANCE ITEMS Subtotal:							\$385,268
Subtotal:							\$390,597
Engineering Cost:							\$28,000
Demolition Cost:							\$50,000
Overhead Cost:							\$36,000
Total:							\$504,597

1 of 1 11 x 8.5 in

Figure 5: The Project Detail Report

Functionality:

1. The items with white backgrounds in the header may be updated.
2. A project report will be produced by pressing the 'Print' button.

Assumptions:

1. When the costs get their annual update, the project costs will be updated based on the new costs.
2. Projects will include both RIC and Deferred Maintenance IUs.
3. Total project cost including Demolition, Engineering and Overhead factors/values will be included in the Deferred Maintenance report to FIMS

Open Issues:

1. Do we want a standard list of funding sources and funding types or should these lookup lists be customizable by the sites?