

RPVS FOR OSFS
KENNETH ROWE AND STEVE PATTERSON

Las Vegas, October 24-26, 2011

FIMS

2

Facilities Information Management System

Site - Area: National Renewable Energy Laboratory - Cole Blvd - All

Property (ID - Name): 1701 - Building 17 Chiller **Ownership:** DOE Owned **Property Type:** Structure

- Property Info
- Property Detail
- Location
- OSF Info
- Dimensions
- Cap Adjust
- Maintenance
- Maintenance History
- Outgrant
- Notes
- Disposition - Archive

OSF Info

RPV:

Land Ownership:

Year Acquired:

Safety Inspection Date(Bridge):

Deficiency Systems:

CostWorks

3

- Seven Existing OSF Models
 - N40 Chilled Water Plant - 9,000T Centrifugal
 - N41 Chilled Water Plant - 9,960T Absorption
 - N42 Base Building Steam Power Plant
 - N43 Steam Plant - Coal
 - N44 Steam Plant - Gas
 - N45 Steam Plant - Oil
 - N46 Sewage Treatment Plant Support Building

CostWorks-Estimator

4

CostWorks 2011 DOE Version 7.0 - [No Active Project]

File Edit Select View Reports Tools Help

S.Y.

	Source	Line Number	Description	Quantity	Unit	Ext. Material Incl O&P	Ext. Installation Incl O&P	Ext. Sub Incl O&P
60	Model	D50202080560	Fluorescent fixtures, type A, 11 fixtures per 600 SF	1,000.00	S.F.	\$2,560.67	\$5,349.60	
61	Model	D50202200880	HID fixture, 8'-10' above work plane, 100 FC, type B, 8 fixtures per 900 SF	9,000.00	S.F.	\$47,720.34	\$53,546.40	
62	Model	D50309100210	Communication and alarm systems, includes outlets, boxes, conduit and wire, sound systems, 6 outlets	1.00	Ea.	\$5,649.55	\$7,526.23	
63	Model	D50902100880	Generator sets, w/battery, charger, muffler and transfer switch, diesel engine with fuel tank, 250 kW	360.00	kW	\$90,748.80	\$10,076.11	
64	Model	D50902200300	Uninterruptible power supply with standard battery pack, 15 kVA/12.75 kW	180.00	kW	\$202,581.00	\$103,509.11	
65	Model	E10301100140	Architectural equipment, auto equipment, hoists, dual post, 12 ton capacity, adjustable frame	1.00	Ea.	\$9,396.45	\$9,926.18	
66	Model	F10103400520	Special construction, hangar, prefabricated, galvanized roof and walls, electric bifolding doors, deluxe	10,000.00	S.F.	\$161,003.50	\$59,104.50	
67	Model	F10309100210	Special construction, specialties, disappearing stairways, fire escape, galvanized steel, 10'-6" to 13'-6" ceiling	3.00	Ea.	\$6,974.10	\$3,150.54	
68	Model	F10405100120	Special construction, tanks, steel, elevated water, 50,000 gal	0.20	Ea.	\$50,600.00	\$35,402.00	
69	Model	G10308051410	Trenching, common earth excavator, no slope, 4' wide, 3' deep, 3/8 CY bucket	500.00	L.F.		\$3,494.72	
70						\$15,682,865.18	\$3,062,996.53	

Settings | Estimator | Unit Costs | Assembly Costs | Project Costs | Square Foot Models | Residential Models

RSMeans
 Reed Construction Data
 Copyright 2011 RSMeans, Incorporated

CostWorks-Estimator (Cont'd)

5

- Select any item in RS Means Library
- Specify Quantities
- Set Adders
- Input into FIMS as engineered cost
- Especially useful for distribution systems and fencing

CAIS

6

- Input Quantity for OSFs to match FIMS quantity
- Use Official Cost

Questions?

