

The following CostWorks enhancements are based on comments from the 2005 CAIS users meeting and the April 2006 meeting. The sheet has omitted specific Program Office enhancements. The enhancements are separated into Software and New CostWorks Assemblies. You are requested to indicate in the "Q" column what order you would like them accomplished. HQ has indicated that item B will have top priority. Enhancement with a letter suffix indicate enhancements that could be combined.

RS MEANS CONTRACTOR SUPPORT IN FY 2006

					RS Means Estimate
A.	RS Means CostWorks training provided at 2 sites and at the fall CAIS Network meeting in FY 2006. Site possibilities include HQ, Albuquerque, BNL, SRS & Naval Reactors.				\$14,000
B	Develop CostWorks Sustainment models based on the concept models developed by EES and discussed at the April CAS/CAIS Users Group meeting. The development will follow the phased approach presented at the meeting. Phase 1 will have CostWorks replicate the concept models with no automated frequency, age or M&R customization. Phase 2 will add these customization features.				\$40,000
PROPOSED COSTWORKS ENHANCEMENTS FOR FY 2006 BUDGET					
No.	Description	Requestor	Priority	Notes	RSMeans Estimate
SOFTWARE ENHANCEMENTS					
13	Undo button to track back multiple steps.	CAIS Oct 04 mtg.	1	Revisit after sites have more experience using CostWorks.	\$9,100
18	Create a summary report for all Building/Plant models containing the Model RPV, Square Foot Cost, Site, Area, and Asset ID. The report will allow searches by property identification and model name.	CAIS Oct 04 mtg.	1	This report provides summary information for sites to compare Model unit costs. RS Means will submit a cost proposal for this report.	\$4,500
19	Same as #18 but specifically for OSFs (sort the models by similar type). CostWorks and FIMS do not calculate OSF unit costs.	CAIS Oct 04 mtg.	1	See above comment	\$4,500
26	Include the Search tool (Binoculars icon) in the Settings Screen for model searches.	Ken Baker/RSIS	1	Facilitate users finding an existing model or project. Project name would include Property ID in the title.	\$4,500
31	Add a Column Header Row (repeating for each page) feature in the CW Estimator/ Reports/Define/Header feature. This is unlike the Title Header option.	Ken Baker/RSIS	1	This is similar to an Excel report feature for adding report header rows.	\$2,250
32	Creating a new project folder should result in going directly to the model after clicking the Sq. Ft. models tab and clearing information in the Estimator list.	Ken Baker/RSIS, ORO & NTS CW training	1		\$2,250
38	Discuss having CostWorks estimate the RPV from a standard Parameter and Estimator format report. This can easily be done. CostWorks would export this cost and model name to FIMS. FIMS would retain its RPV formula for any site that wants to use the existing FIMS models. CostWorks would export the RPV cost and NOT the unit cost. This would be similar to an engineered cost entry in FIMS. An automatic trigger would check the CostWorks checkbox. The location/geo factor can be easily selected using the CostWorks Settings Screen Location tool based on city locations. The multipliers would be based on Unifomat system adjusters and not the weighted average cost factor as in FIMS. This method provides more accuracy in the RPV estimate. The Estimator cost reports would be modified to include both cumulative (existing) and non-cumulative cost factors. See Attachment F in the FIMS RPV Guidance and the generic site factor table.	Baker & Reynolds	1	This design change permits CostWorks users to estimate the RPV cost within the CostWorks software. The same calculation methodology would apply to OSF Systems. Currently FIMS does not have a OSF formula to calculate RPV. CostWorks can estimate the RPV using its Markup creation tools and local and site project conditions for all building, OSF plant and system models. The only change in CostWorks will be in the electronic export to FIMS. <i>Currently the Estimator uses cumulative costing only. Non-cumulative costs could be combined in one line or markup at the end of the cumulative costs and applied to this total. Is this sufficient for having Estimator breakout all markups and also estimate a site factor?</i>	\$2,250
39	Swapper - right clicking in both directions	NTS CW Training	1	Is this feature still necessary?	\$4,500
42	Adding unit cost items should be permitted in the proper WBS location and not at the end of the estimate.	Paducah - John Elrod	1	RS Means will explore adding Unit Costs items in a logical location in Estimator reports.	\$4,500
61	Develop a "Find" feature in the CostWorks Estimator. This feature would simply adding an assembly to the Estimator tool.	LANL CW Training	1	This feature would assist in locating an assembly without clicking on the tabs and scrolling through the assembly list to locate an item. We have proposed a modified "Swapper" feature be developed to accomplish this. A blank row would be inserted and a selected unit cost line item would be copied and pasted into the blank row. This enhancement needs more feedback from site users and is it necessary?	

PROPOSED COSTWORKS ENHANCEMENTS FOR FY 2006 BUDGET					
No.	Description	Requestor	Priority	Notes	RSMMeans Estimate
MODEL ENHANCEMENTS					
62	Add the following RS Means std models to the DOE Housing list: M.035 Assisted-Senior Living, M.130 College Dorm-2-3 Story, M.140 College Dorm 4-8 Story, M.240 Fraternity, Sorority House, M.010 Apartments 1-3 Story, M.020 Apartments 4-7 Story, M.030 Apartments 8-24 Story, M.350 Hotel 4-7 Story, M.360 Hotel 8-24 Story, M.660 Telephone Exchange. Delete the Residential Model tab from the DOE CostWorks program.	K Baker	1	Permits FIMS to provide FRPC RPV housing data using the DOE CostWorks as a basis for estimating FRPC type RPVs. No change in the square foot range that are currently used in the RS Means standard models is requested. It is a straight duplication of models.	\$2,000
63	Update the following models to include telephone ducts, telephone and internet wiring: all office models, all lab model using office sq.ft as design parameter, communication cntr, trailer, post office, visitor center, fire station.	K Baker	1	Align DOE models and RS Means standard models to have identical wiring features.	\$6,400
34	Add smaller capacities to evaporative cooling Assembly selections.	LLNL CW training	1	Expands the selection of available evaporative cooling assemblies.	\$6,240
41	Add communication drops assemblies if they do not currently exist	NTS CW Training	1	Communication and alarm system "drops" can be found at D5030 910.	\$8,800
45	Develop additional boiler assemblies per list provided by Ken Baker and Chuck Siegfried. These are for steam plants and are gas, oil and solid fuel fired boilers.	C.Siegfried and K baker lists prepared in March 05.	1	Expands the steam plant boiler for oil, gas and solid fuel capacities that can be "swapped" in the Estimator tool. Existing boiler selection is very limited.	\$8,800
46	Add additional sewage and water treatment plant capacities to Assembly cost list	K Baker	1	Additional capacities are based on FIMS information and cover all existing water and sewage treatment facilities. Current range is too broad.	\$22,210
47	Develop assemblies for elevated 4141 TANKS GRAVITY (FIRE PROTECTION) .	K Baker	1	CostWorks has unit costs for elevated, ground and underground tanks. Assemblies would include foundations and piping systems to the tanks. FIMS lists capacities from 40,000 to 800,000 gallons.	\$7,360
49	Develop Storage assemblies for 4421 TANKS, (INDUSTRIAL, NON-HAZARDOUS WASTE) for underground and ground level applications.	K Baker	1	Unit costs exist but assembly development require foundations and pumping systems be added to estimate an accurate RPV. Need material and whether single or double wall thickness. Capacities are known.	\$11,460
Total Estimated Cost					\$165,620
Not underdevelopment in FY 2007 at this time.					