

Appendix C: RSMeans Online

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1 INTRODUCTION

RSMeans Online is web service that provides current costs based on project materials, labor rates, equipment rates, market variations and productivity information. This online database can be used to generate cost estimates for Work items generated in **paragon**. Cost estimates constructed in **RSMeans** according to the methods described below can be uploaded into the **paragon** software. Cost line items can also be manually entered into **paragon**.

Search Data	Manage Estimates	Square Foot Estimator	Life Cycle Cost	Reference Items	☆ My Favorite	25
			Welcome	to RSMea	ans Onlir	ne!
						you create reliable estimates in less time. es, select any of the tabs above to continue.
						Tip: You can change Preferences at any time from the Welcome Menu.
* Cost Data	Commercial New Construct	tion 🔹 * Type 🛛	Init 🔹 * Lat	oor Type Open Shop	-	* Location National Average
* Format	MasterFormat 2014 💌	* Measurement System	nglish 🔹 Sear	ch Preference All	•	* Release Year 2016
	Display Cost Data Pref	ferences at start-up				
	Save & Continue					

Figure 1: RSMeans Online Home Page

The RSMeans website is www.rsmeansonline.com.

NOTE: A valid subscription is required to obtain an account and to access the RSMeans Online data.

Using the "Quick Tour" and "Help" options located in a drop-down menu on the home screen are ways for users to become familiar with the RSMeans Online website.

Key Rules to remember when working with RSMeans Online (unless directed otherwise):

- Use "National Average" in Location field for geographic index.
- Use most current data release.
- Create a cost estimate file for each Work Item in paragon.
- Estimates exported to Excel must be saved as a .csv (comma delimitedfile).
- Costs are uploaded into paragon with 0% soft-cost mark-ups.

2 CREATING AN ESTIMATE

The sections below provide step-by-step guidance on how to generate a construction cost estimate using RSMeans Online in a manner that supports data upload to paragon. This User Guide is not intended to describe the full functionality of RSMeans Online, but rather is focused on the required steps to create an estimate file using the software, save it and upload it into paragon. See the full User guide documentation that is provided with RSMeans Online to learn more about its full capabilities.

Throughout this User Guide, screen captures are provided to assist the reader in visualizing screen layouts. Application controls are highlighted in **Blue** bold font.

2.1 Create Estimate Name and Cost Data Preferences

Cost Data Commercial New Construction	-	Type Dez	-	Labor 1	Vpt Open Shop 💌 Location National Average	3					
Search What are you searching for?		(AI 💌	54	rch .	Include My Custom Data Release Year 2016						
Masterformat 2014	1 16	eneral Requirement	IS						1	lotal 1639 recon	ds found
1 General Requirement		Line Number		0	Description	Unit	Crew	Daily Output	Labor Hours	Bare Material	Bare L
5	*	011100000000			Summary of Work						
2 Existing Conditions	*	011105000000			Models & Renderings						
3 Concrete	*	011131000000			Professional Consultants						
4 Masonry	*	011131100010			ARCHITECTURAL FEES						
5 Metals	*	011131100020			For new construction						
6 Wood, Plastics, and Com	\$2	011131100060			Minimum	Project					
posites	*	011131100090			Maximum	Project					
7 Thermal and Moisture Pr	*	011131100100			For alteration work, to \$500,000, add to new construction fee	Project					
otection											

To create a new cost estimate, click on the **Search Data** tab to launch the Cost Book Search window.

Figure 2: Cost Book Search Window

Click on the **Create New Estimate** button + Create New Estimate located on the bottom left of the window footer. This launches a blank form that the User must populate to define the cost estimate.

RSMeans Online

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Search Data		mates Square Foo	ot Estimator Life Cycle Cost	Reference Items	☆ My Favorites			
í í							* Rec	quired
Estimate Heade	er Information	1						
*Estimate Na	me XX-XXXXX	(See Section 5.1)	Client Name	Optional but good practic	e to use	*Folder	Personal Folder:Current Estimates	•
Estimate Addr	ess 90 Whalen	Ave	City	Warwick		State/Province	RI	
Zip/Postal Co	ode 02889							
No	tes							
	300 charao	cters max						
Cost Data Prefe	erences							
	* Cost Data	Commercial New Constructi	on 🔹 * Type Unit	 Labor Type 	Open Shop	Location	National Average	
	* Format	MasterFormat 2014 -	* Measurement System English	- Search	Preference All	* Release	Year 2016 🔹	
							Cancel Save	& Continue

Figure 3: New Cost Estimate Form

The **Cost Estimate** form is divided into two main frames: **Estimate Header Information** and **Cost Data Preferences.** Details describing each frame, and descriptions of data entry fields are documented in the sub-sections that follow.

Field names are displayed below in **Bold** font. Fields marked on-screen (and in this document) with a red asterisk (*) are Must-Fill fields, and require data entry in order to Save the record. Other fields are important to create a thorough data record, but are not required.

2.1.1 Estimate Header Information

*Estimate Name - The estimate name should clearly identify the estimate and its relationship to a specific Work Item assigned to a specific facility component at a specific Asset. The data entered in this fields is populated automatically in cell A1 of the Excel cost estimate workbook.

In **paragon**, each Work Item ID is unique. A **paragon** Work Item ID is in the format XXX-XXXXX, where the first three digits include the Level 2 Inventory Classification code of component linked to the Work Item (A10, C20, etc.) and the last five digits are a unique number issued in sequential order. Let's use A10-12345 as an example Work Item ID.

Client Name - Use this section to describe the Work Item. This will make it easier to identify Work Items displayed in the Manage Estimates List based on a description of the Work Item in addition to its ID. This field is optional; however, it may help the user identify and select a specific Work Item from a list.

*Folder - The name of the folder where the estimate is to be stored.

Estimate Address – Use this field to record the Asset Name that the Work Item is assigned. This will help group Work Items by Asset so that they may be filtered and sorted in the Manage Estimate grid (See Section 2.5).

City – Use this field to enter the City in which the Asset is located. This may help differentiate between Assets with the same name in different locations. This is an optional field.

State/Province - This is an optional field. You may use this to add any information that helps identify and differentiate one Work item from another in a list.

Zip/Postal Code - This is an optional field.

Notes – May be used to provide a brief description of the cost estimate.

2.1.2 Cost Data Preferences

*Cost Data – Defines the various cost books provided in RSMeans Online for different types of work. For the majority of component repair and replacement work, we recommend using either the Facilities or Commercial Renovation or Facilities Maintenance and Repair cost books.

If you are generating a cost estimate for new construction, or for a new addition to an existing building, you would likely use the Commercial New Construction cost book. This cost book should not be used for generating costs estimates for sustainment of an existing facility.

The Square Foot cost book is not useful in generating cost estimates for upload into paragon.

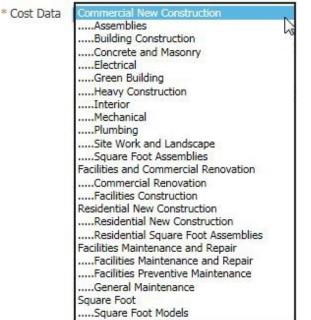


Figure 4: Cost Data Books

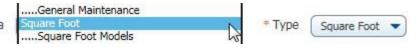
Assembly

Type** - RSMeans Online allows for three different ways to estimate a project: ** Type Unit Cost, Assembly Cost and Square Footage Cost.

- Unit Cost Each individual cost line item of a project must be selected by the user. Individual materials, as well as the cost of equipment rental and crew rates must be entered. This is the most detailed estimating option, and will render the most line items from which to select.
- Assembly Cost The task as a whole is selected by the user. RSMeans Online has predefined tasks which are made up of typical unit costs. This data type will enable the estimator to build estimates quickly, but details of the assembly may differ from the exact specifications of the work. The number of line item options to choose from will also be greatly reduced.

Square Footage Cost - This data type creates estimates based on building type and square footage. This cannot be used for the purposes of cost uploads into paragon because the square foot estimator does not include estimate specifics for deficiencies.

* Cost Data



*Labor Type - Available selections for this field will be *Labor Type determined by the selection made in the Cost Data field. Select the labor type that is likely to be used to carry out the work associated with the cost estimate.

*Location - This option can be used to adjust costs to local cost trends. It is recommended to leave this at the National Average and account for any geographical markups in paragon. Make sure to click on Save and Continue to save this selection.



Localize your data

ivisions) for * Format MasterFormat 2014 MasterFormat 1995

* Measurement System

Open Shop Standard Union

-

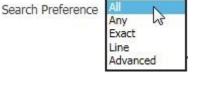
16 divisions) or MasterFormat 2014 (organized by 48 divisions) for Unit Costs. If Assembly is selected in the Type field, then UNIFORMAT II will be the only selection available for this field.

*Format - Select between either MasterFormat 1995 (organized by

*Measurement System – Depending on the standard system of measurement you use in managing your facilities, select either English or Metric.

Search Preference – Select from available values in the drop-down field. Select All to be the most inclusive.

Release - Choose the most recent data release for the most up to date data.



* Release Year 2016 Quarter 1 Year 2015 Quarter 4 Year 2015 Quarter 3 Year 2015 Quarter 2 Year 2015 Quarter 1 Year 2015 Year 2015 Year 2014 Quarter 4 Year 2014 Quarter 3 Year 2014 Quarter 2

When all the required data fields are populated, hit the **Save and Continue** button at the bottom right side of the screen to open the new estimate screen.

2.2 Building an Estimate

Unit and Assembly cost estimates are created in the same manner. After the estimate is created it can be managed by selecting Manage Estimates and by clicking on the desired cost estimate.

Search Data Manage Estimates					1998 1	Reference Items 🛱 My Favorites						
Cost Data Commensal New Construct		Type	the *	Lab Search		Copen Shop Cocation National Average Conclude NV Custom Data RPR000 Year 2016	3					
Masterformat 2014 🕨	1	1 Gener	al Requirements								Total 163	19 records foun
1 General Requirement	^		Line Number	٠	0	Description	Umit	Crew	Daily Output	Labor Hours	Bare Material	Bare Labor
6		\$	011100000000		5	ummary of Work						
2 Existing Conditions	0	\$	011105000000		M	lodels & Renderings						
3 Concrete		\$2	011131000000		P	rofessional Consultants						
4 Masonry	0	\$	011131100010		A	RCHITECTURAL FEES						
5 Metals		*	011131100020			For new construction						
6 Wood, Plastics, and Com		*	011131100060			Minimum	Project					
posites		\$2	011131100090			Maximum	Project					
7 Thermal and Moisture Pr	0	\$2	011131100100			For alteration work, to \$500,000, add to new construction fee	Project					
otection		\$7	011131100150			Over \$500.000, add to new construction fee	Project					
8 Openings	- O	*	011131102000			For "Greening" of building	Prosect					
9 Finishes	_ 8	÷.	011131200010			ONSTRUCTION MANAGEMENT FEES	10.000					
10 Specialties		-	The second second second second					a second				>
11 Equipment	-											
12 Furnishings	+		8日 13					1.5	stimate Action	Select From List	· · · · · ·	Basic 💌
13 Special Construction	and the second	000000	0 - 18 - 18 - 18 9		_							
14 Conveying Equipment	XX	- X0000X					1.1	age 1 of 0 🕶			No	records to vie
21 Fire Suppression		Q	ty Line	Number	2 J 24	 J T Description 	Umit	Extended Total	Exten	ded Total OBP	Labor Type	Notes
22 Plumbing												
23 Heating, Ventilating, an d Air Conditioning (HVAC)												
26 Electrical												
27 Communications												
28 Electronic Safety and 5 ecurity												
31 Earthwork												

The main window (screen) for building new estimates is divided into three sub-windows, or frames.

Figure 6: New Estimate Window

The far left frame includes the Cost Catalog displayed in a hierarchy tree control that corresponds to the Cost Data and Format selections made in the Cost Data Preferences frame. In the example screen capture above, the selection was MasterFormat 2014.

Each line item of a cost estimate must be selected from the Cost Catalog. You may search for a particular line item by name using the Search control in the screen header, or you may use the drill-down functions in the hierarchy tree to locate the line item you want.

Clicking on a Cost Catalog value in the hierarchy tree will display more detailed tasks in the tree, and will position the data in the grid list on the user's last selection. Drill down in the hierarchy until the data displayed in the grid includes the line item you are looking for.

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0744 Faced Panels			Line Number	1.4	0	Description	Unit	Crew	Daily Output	Labor Hours	8
0748 Siding		*	075323000000			Ethylene-Propylene-Diene-Monomer Roofing	1000				
0751 Built-Up Bituminous Roofing	0	*	075323200010			ETHYLENE-PROPYLENE-DIENE-MONOMER ROOFING (EPDM)					
0752 Modified Bituminous Membrane Roofing	0	*	075323200100			Butyl, 1/16" thick	5q.	GS	7.00	5.714	
0753 Elastomeric Membrane Roofing		*	075323200110			1/32"	Sq.	G5	7.00	5.714	
075316 Chlorosulfonate-Polyethylene Roofing		\$	075323203500			Ethylene-propylene-diene-monomer (EPDM), 45 mils, 0.28 psf					
▼ 075323 Ethylene-Propylene-Diene-Monomer Roo	0	ŵ	075323203600			Loose-laid & ballasted with stone (10 psf)	59.	G5	51.00	0.784	
075323.20 Ethylene Propylene-Diene-Monomer Roof		*	075323203700			Mechanically attached	Sq.	65	35.00	1.143	
075329 Polyisobutylene Roofing						Fully adhered with adhesive	Sq.	GS	26.00	1,538	
0754 Thermoplastic Membrane Roofing	۸d	d te	Estima	to	- 1	60 mils, 0.40 psf					
• 0755 Protected Membrane Roofing	Au	JUC		ue	_	Upgrade to access complete data. Click here to subscribe!					
▼ 075510 Protected Membrane Roofing Components	_					Loose-laid & ballasted with stone (10 psf)	Sq.	G5			
075510.10 Protected Membrane Roofing Components			075323204700			Mechanically attached	Sq.	G5			
0756 Fluid Applied Roofing		¥-		_							a,

Figure 7: Cost Catalog Tree Control Showing Drill-Down Results

Once found, click on the check box in the left-most column in the grid, and hit the Add to Estimate control to add the line item to the estimate.

									Page	1 of 1			Lines 1	1
Qty	Line Number	•	1 T	Description	Crew	Unit	Labor Hours	Daily Output	Extended Material	Extended Labor	Extended Equipment	Extended Total	Extended Total O&P	1
20.00	075323203600		0	Ethylene-propylene-diene-monomer roofing, (EPDM), (GS	Sq	. 0.78	51.00	\$1,670.00	\$460.00	\$75.80	\$2,205.80	\$2,773.2	

Figure 8: Line Item Detail Cost Estimate Grid

The line item will now appear in the bottom frame. This frame lists each of the line items as they are added to the estimate. The estimate totals are shown along the bottom of the frame as each new line item is added. The user must enter the quantity in each line item in the data field labeled Qty.

The user may select either Basic or Advanced view to determine the grid columns displayed in the cost estimate frame. The screen capture above shows the Advanced View.

Use the controls in the frame header as required. The controls include (from left to right):



When the user has finished adding the line items needed to complete the Work Item estimate, click on **Save Estimate**. To return to the list of previously saved estimates, click on **Return to Estimate List** located on the left side of the frame footer.

2.3 Exporting an Estimate

After a cost estimate is complete, the user should select "Export to Excel" under the Estimate Action pull down menu.

+ 🛛 🖻	8 3					Select From List Advanced Report Change Cost Data	View Basic	•
XX-XXXXX					👓 Page 🔒	Change Estimate Header Email Report	Lines	1 - 4 of 4
Qty	Line Number	🔷 Ø T	Description	Unit	Extended 1	Export to Excel Report	Labor Type	Notes
			Figure O. Exporting a Cost	Ectimato to	Event			

Figure 9: Exporting a Cost Estimate to Excel

The user will be prompted to open or save the document. Select "open" to open a local copy of the estimate in Excel. Select Save to save the file in your default sub-directory for file downloads.

Do you want to open or save A10-12345_635931452163916674.xls (12.8 KB) from rsmeansonline.com?	Open	Save	•	Cancel	×
Figure 10: Windows Open-Save-Cancel Dialog Box					

Select "Save As..." to save the cost estimate in a sub-directory of the user's choice.

Important: The file must be saved as a "CSV (comma delimited) (*.csv)" file format for paragon to read the file after it is imported.

Note: We strongly suggest that users create a sub-directory structure to save Excel cost estimate files that groups the Work Item cost estimates in directory structure that mimics the Asset hierarchy structure in **paragon**. This will make finding the Work item cost estimate files easier and more intuitive.

Note that RSMeans Online saves cost estimate files with the Estimate Name followed by an 18-digit unique ID number. The file can be saved with the given filename, or can be renamed during the Save As process to a filename that is more recognizable to the User. We strongly encourage the user to retain the Work Item ID somewhere in the file name so as not to lose the ability to link the upload to the proper Work item.

2.4 Uploading RSMeans Cost Estimates into paragon

Cost estimates generated using RSMeans online can be uploaded into paragon in two ways: (1) from a Work Item grid or (2) directly from the Work Item detail form.

2.4.1 Uploading RSMeans Cost Estimates from a Work Item Grid

Click on the **Work Items** tab to launch a Work Item grid at a location hierarchy level that includes the Work Item you wish to link to the cost estimate. Click on the **Cost Upload** control on the row that corresponds to the Work Item you wish to link to the estimate. This will launch a sub-form that operates in the same manner as if the user was located on a Work Item detail form.

	Item ID	Work Ibem Name	Heady	Asset	- s	tatus 🔻	Budget (*	Budget Account	Year	Current Cost T	Cost	Work Pkg 💌	1D
		0		-	7		(P			0	10000	0	-
×	C10-87568	Broken Glass	General Services • Property Maintenence • Northland Station	Raom 100	A	ctive	New Construction	New Building Construction	2015	\$17.50			873
ĸ	820-86267	Scratched finish on oak door	General Services • Real Estate • Administrative Services Center	ASC Office #1	c	ancelled	Recapitalization	Long Lived Component Replacement	2014	\$185.66			86
×	820-86135	Replace Wall Siding	General Services • Real Estate • Administrative Services Center	ASC Office #1	4	ctvę	Sustainment	Deficiency Repairs/Replacements	2012	\$34,312.03		820-91192	861
×	C10-66103	Repaint Fire Doors	General Services • Real Estate • Administrative Services Center	ASC Office #1	A	ctive	Sustainment	Deficiency Repains/Replacements	2011	\$5,768.00		C10-91190	881
×	C30-86087	Replace Carpet	General Services • Real Estate • Administrative Services Center	ASC Office #1	A	4VD	Sustainment	Deficiency Repairs/Replacements	2014	\$27,848.63		C30-91249	860
×	C30:86088	Repaint Interior	General Services • Real Estate • Administrative Services Center	ASC Office #1	A	ctive	Sustainment	Deficiency Repairs/Replacements	2014	\$13,969.38		C30-91249	860
×	D30-86084	Replace Boiler	General Services • Real Estate • Administrative Services Center	ASC Office #1	A	ctive	Sustainment	Deficiency Repairs/Replacements	2014	\$32,418.75		D30-91193	860
ĸ	D30-86085	Replace Split System Condensing Unit	General Services • Real Estate • Administrative Services Center	ASC Office #1	A	ctive	Sustainment	Deficiency Repairs/Replacements	2014	\$4,715.70		030-91193	86
×	030-86086	Repair Air Handling Unit	General Services • Real Estate • Administrative Services Center	ASC Office #1	A	ctive	Sustainment	Deficiency Repairs/Replacements	2014	\$3,111.62		D30-91236	860
×	8301004002-88639	Missing base flashing	General Services • Real Estate • Administrative Services Center	Sample Admin Building	A	ctive	Sustainment	Deficiency Repairs/Replacements	2016	\$0.00			60
×	G30-67323	Repair Inst	General Services • Real Estate • Administrative Services Center • ASC Stormwater System	M Street S/W Inlet 001	A	ctive	Sustainment	Deficiency Repairs/Replacements	2014	\$2,227.89		G30-91176	873
×	G30-87322	Repair pipe	General Services • Real Estate • Administrative Services Center • ASC Stormwater System	M Street S/W Sewer Pipe 001	A	cive	Sustainment	Deficiency Repairs/Replacements	2014	\$13,924.31		630-91177	87
×	G30-87321	Erosion Repair	General Services • Real Estate • Administrative Services Center • ASC Stormwater System	SW Inlet 100.001	A	ctive	Sustainment	Deficiency Repains/Replacements	2014	\$1,578.09		G30-91288	87
<													

Figure 11: paragon Work item Grid

On the sub-form, the user clicks on the **Browse** control and navigates through his/her Windows directories to locate the file to be uploaded. Once found, click on the file and hit **Save** in the Windows browser to select the file for upload. Finally, click on the **Upload** control on the **Daragon** sub-form to initiate the file upload.

2.4.2 Uploading RSMeans Cost Estimates from a Work Item Detail Form

Navigate to the Work Item detail form that you wish to link to an RSMeans cost estimate. In the Estimate Details frame, the user must click on the **Browse** control and navigate through his/her Windows directories to locate the file to be uploaded. Once found, click on the file and hit **Save** in the Windows browser to select the file for upload. Finally, click on the **Upload** control to initiate the file upload.

				Cost	Informat	tion									
		Year	Labor		Equipment	t	Ma	iterial	9	Subtotal		Adjustment	:	Total	
Direct Co	st		\$0.00 \$1			0.00		\$18,525.00		\$0.00	\$18,525				
Direct Co	st with Burden			\$0.00	\$25,375.00			\$32,418.75			\$32	2,418.7			
Current C	urrent Cost with Burden and Inflation 2016 \$7,043.75							\$25,375	5.00		\$32,418.75		\$0.00	\$32	2,418.7
	Estimate Details														
Delete	Cost Description				QT	Y F	Reference	Labor	Equip	ment	Material	Adjustment	Burden	Total	Edit
X	Boiler, gas/oil combination, cast iron, hot water, gross output and insulated jacket, packaged	ut, 584 MBH,	includes t	ourners, cont	rols	1	2.35223E+1	\$4,025.00	1	\$0.00	\$14,500.00	\$0.00	\$13,893.75	\$32,418.75	/
Upload e	stimate detail Browse	Apply	Currency	Conversion I	Factor?	🔨 Up	bload						[Add Line	e Item

Figure 12: Estimate Details Frame in Work Item Detail Form

2.4.3 Updating Previously Uploaded Cost Estimates

Note that paragon will automatically archive the CSV cost estimate file in the Work Item File Attachment frame.

If an additional estimate is uploaded, its costs will be added to the costs from any estimate previously uploaded to the Work Item. If you need to update a cost estimate after one has already been uploaded, the existing estimate should first be deleted from both the Cost Details frame and the File Attachment frame before uploading the revised file.

2.4.4 How Mark-Ups are Handled

RSMeans Online applies Overhead, Profit and a Geographic cost factor to extended raw costs in its estimates based on the selection made in the Location field in the Cost Data Preferences frame at the bottom of the Create New estimate window (see Section 2.1.2). Users should select National Average in the location field to establish the raw costs at the national average baseline.

Soft-cost mark-ups are managed in paragon through the use of burden factors which are set up in the System Configuration files. The cost estimate upload procedures encoded in paragon only use the line item quantity and the raw costs for labor, material and equipment from the RSMeans Excel export file. The upload process ignores all data columns that include overhead and profit.

2.5 Manage Estimates

The user must select **Manage Estimates** to view all previously saved estimates. The window on the left side of the screen displays the directory of folders that are available to store cost estimate files. The main window on the right side of the screen displays a list of stored estimates based on the selected folder.

Search Data Manage Es		Square Foot Estimator Lif	Life Cycle Cost Alerts and Trends Reference Items $\dot{\pi}$ My Favorites			🖈 My Favorites			
Create New Estimate Mana	pe Folders	Estimate Name]	Search Advanced Sea	rch	M	ove Copy	Merge Delete
	49.0	Personal : Current Estimates						т	otal 4 records found
 Personal 		Name	Туре	Client	Current Value	Created By	Last Update 🧯	City	State
Current Estimates		A10-12345	Unit	Roof flashing repair	\$6,630.00	William Faesenmeier	03/09/2016	Portland	Oregon
Shared		Sample Assembly Estimate	Assembly		\$539,637.47	William Faesenmeier	03/09/2016		
		Sample Unit Estimate	Unit		\$527,049.00	William Faesenmeler	03/09/2016		
Recycle		Sample Square Foot Estimate	Square Foot		\$2 890 500 00	William Faesenmeler	03/09/2016		

Figure 13: Current Estimates List

2.5.1 Folders

The system is configured with three folder types: Personal, Shared and Recycle. Users may define specific sub-folders under the Personal and Recycle folder types. Estimates can moved, copied, deleted, and merged between Personal folders.

To add a new folder, click on the Manage Folders control on the Manage Estimates List form. Then click on Add Folder in the Manage Folders screen, shown below.

Appendix C

Search Data	Manage Estimates	Square Foot Estimator	Life Cycle Cost	Nerts and Trends	Reference Items	🛱 My Favorites	
Manage Fold	ders						
Folder Name 🗧						Folder Type	Edit
Current Estimates						Personal	Edit
Current countries							

Figure 14: Manage Folders List

Users with administrative rights can add folders as both Personal and Shared folder types. However, users without administrative rights can only add folders under the Personal type.

To add a new folder, enter its name in the Folder name field and use the radio buttons to select between Personal and Shared folder types. Hit **Save** to complete your work.

				_
 Folder 	Type : O Persona	l 💽 Shared		
			Total 1 record	s foun
	Username	Name	User Type	
🕢 will	am.faesenmeier@xpsolutions.com	William Faesenmeier	Customer Administrator	

Figure 15: Add Folder Sub-Form

The Shared Folder provides access to the folders that can be shared among other users within the same group. Access to the shared folders is controlled by a designated administrator. The administrator can provide access to other users as well as add user accounts.

2.6 Updating Cost Data

The costs for selected line item entries in the RSMeans Cost catalog are updated on a quarterly basis. When new cost data is released, an estimate can be updated using the current cost data. Open the estimate as if you are going to add more line items, navigate to the middle of the screen where you see a drop down titled Estimate Action and select "Change Cost Data". Select "Go" and the Data Release can be updated/changed.

+ 🗹 🗊	8 3					Estimate Action Select From List Advanced Report Channe Cost Data			View Basic		
XX-XXXXX Is << Page 1							Change Estimate Header	Lines	1 - 4 of 4		
Qty	Line Number		0	T	Description	Unit	Extended T	Export to Excel Report	Labor Type	Notes	

Figure 16: Change Cost Data