

# RSMeans® Facilities Construction Cost Data



The most complete single source for facilities construction and renovation

## 2014

29th annual edition Cost data from the most quoted name in construction

# Facilities Construction Cost Data 2014

Plan, budget, validate, and verify with this industry-leading cost guide—devoted specifically to the needs of professionals responsible for the maintenance, construction, and renovation of commercial, industrial, municipal, and institutional properties.

“RSMeans is the DOC database of choice. It is a quality assurance check for government contracting officers and base civil engineers, as it assures a fair and equitable price to all parties.”

— Gene W. Blade, Colonel,  
United States Procurement and Finance Office,  
Illinois Air National Guard

## What you'll find inside:

- UPDATED! Over 49,000 unit costs and 1,800 assemblies costs for all types of facilities construction
- NEW! Cost data for liquid coolers; gas-fired, tubular, infrared heaters; specialty doors, windows, and accessories; and photovoltaic rack systems, plus many more new items
- Sample estimates in both print and electronic format to guide customization and improve accuracy
- City Cost Indexes and Location Factors for over 930 U.S. and Canadian locations
- Updated equipment rental costs, crew size projections, labor hours, and labor rates

## Plus:

- Receive free quarterly cost index and key material price updates for a full year!

## Your 2014 book includes:

- A full sample estimate designed to help you improve estimating accuracy
- Easy-to-follow “How RSMeans Data Works” pages

# Facilities Construction Cost Data 2014

## 01 55 Vehicular Access and Parking

### 01 55 23 – Temporary Roads

01 55 23.50 Roads and Sidewalks	Description	Crew	Daily Output	Labor Hours	Unit	2014 Base Costs			Total	Total bid O&P
						Labor	Equipment	Total		
0010	ROADS AND SIDEWALKS Temporary									
0050	Roads, gravel fill, no surfacing, 4" gravel depth	B-14	715	.067	S.Y.	3.98	2.40	.57	7.09	9.20
0100	8" gravel depth	"	415	.070	"	7.95	2.02	.59	11.54	14.25
1000	Ramp, 3/4" plywood on 2" x 4" joists, 16" O.C.	2 Comp	300	.053	S.E.	1.44	2.45		3.89	5.60
1100	On 2" x 10" joists, 16" O.C.	"	275	.058	"	1.99	2.67		4.66	6.55

## 01 56 Temporary Barriers and Enclosures

### 01 56 13 – Temporary Air Barriers

#### 01 56 13.60 Tarpaulins

0010	TARPAULINS									
0020	Cotton duck, 10 oz. to 12.13 oz. per S.Y., 6"x8'				S.E.	.75			.75	
0050	30"x30'					.43			.43	
0100	Polypropylene coated nylon, 14 oz. to 18 oz. minimum					1.20			1.20	
0150	Maximum					1.19			1.19	
0200	Reinforced polyethylene 3 mils thick, white					.03			.03	
0300	4 mils thick, white, clear or black					.09			.09	
0400	5.5 mils thick, clear					.17			.17	
0500	White, fluo resistant					.41			.41	
0600	12 mils, oil resistant, fluo resistant					.27			.27	
0700	8.5 mils, black					.57			.57	
0730	Weave polyethylene, 6 mils thick					.17			.17	
0720	Steel reinforced polyethylene, 20 mils thick					.46			.46	
0730	Polyester reinforced w/Integral fastening system 11 mils thick					.24			.24	
0740	Hydra polyester, nonreinforced, 7 mils thick					1.17			1.17	

#### 01 56 13.90 Winter Protection

0010	WINTER PROTECTION									
0100	Forming to close openings	2 Oak	500	.032	S.E.	.41	1.17		1.58	
0200	Tarpaulins hung over scaffolding, 8 ozs, net incl. scaffolding		1500	.011		.25	.39		.64	
0250	Tarpaulin polyester net, w/Integral fastening system 11 mils thick		1600	.010		.24	.37		.61	
0300	Protect fiberglass panels, steel forms, 8 ozs		1200	.012		2.20	.49		2.69	

#### 01 56 16 – Temporary Dust Barriers

##### 01 56 16.10 Dust Barriers, Temporary

0010	DUST BARRIERS, TEMPORARY									
0020	Spring loaded telescoping pole & head, to 12', erect and dismantle	1 Oak	240	.033	Ec. Day	1.22			1.22	
0025	Cost per day (based upon 250 days)					.24			.24	
0030	To 21', erect and dismantle	1 Oak	240	.033	Ec. Day	1.22			1.22	
0035	Cost per day (based upon 250 days)					.38			.38	
0040	Accessories, caution tape incl. erect and dismantle	1 Oak	480	.017	Ec. Day	.61			.61	
0045	Cost per day (based upon 250 days)					.36			.36	
0060	Foam roll and connector, erect and dismantle	1 Oak	240	.033	Ec. Day	1.22			1.22	
0065	Cost per day (based upon 250 days)					.10			.10	
0070	Caution tape	1 Oak	384	.021	C.L.F.	2.70			3.46	
0080	Zippers, standard duty		60	3.23	Ec.	15.95	4.89		20.84	
0090	Heavy duty		48	3.67	"	18.90	6.10		25	
0100	Polyethylene sheet, 4 mil		37	2.16	Sq.	2.91	7.90		10.81	
0110	6 mil		37	2.16	"	3.98	7.90		11.88	
1000	Dist partition, 6 mil polyethylene, 1" x 2" frame	2 Comp	2000	.008	S.E.	.29	.37		.66	
1100	2" x 4" frame	"	2000	.008	"	.32	.37		.69	

## How RSMeans Unit Price Works

All RSMeans unit price data is organized in the same way.

It is important to understand the structure, so that you can find information easily and use it correctly.

RSMeans Line Numbers consist of 12 characters, which identify a unique location in the database for each task. The first 6 or 8 digits conform to the Construction Specifications Institute MasterFormat® 2012. The remainder of the digits are a further breakdown by RSMeans in order to arrange items in understandable groups of similar tasks. Line numbers are consistent across all RSMeans publications, so a line number in any RSMeans product will always refer to the same unit of work.

RSMeans engineers have created reference information to assist you in your estimate. If there is information that applies to a section, it will be indicated at the start of the section. In this case, 0333105-10 provides information on the appropriate quantities of formwork, reinforcing, and concrete used in cast-in-place concrete items such as footings, slabs, beams, and columns. The Reference Section is located in the back of the book on the pages with a gray edge.

RSMeans Descriptions are shown in a hierarchical structure to make them readable. In order to read a complete description, read up through the contents to the top of the section. Include everything that is above and to the left that is not contradicted by information below. For instance, the complete description for line 03 30 53.40 3550 is "Concrete in place, including forms (4 used), Grade 60 rebar, concrete (Portland cement Type 1), placement and finishing unless otherwise indicated; Equipment pad (3000 gal), 4' x 4' x 6" thick."

When using RSMeans data, it is important to read through an entire section to ensure that you use the data that most closely matches your work. Note that sometimes there is additional information shown in the section that may improve your price. There are frequently lines that further describe, add to, or adjust data for specific situations.

## 03 30 Cast-In-Place Concrete

### 03 30 53 – Miscellaneous Cast-In-Place Concrete

03 30 53.40 Concrete In Place	
0010	CONCRETE IN PLACE
0020	Including forms (4 used), Grade 60 rebar, concrete (Portland cement
0050	Type I, placement and finishing unless otherwise indicated
0300	Beams (3500 gal), 5 kip per L.F., 19" span
0350	25' span
0500	Chimney foundations (5000 gal), over 5 C.Y.
0510	(3500 gal), under 5 C.Y.
0700	Columns, square (4000 gal), 12" x 12", less than 2% reinforcing
2450	Over 10,000 S.F.
2500	Add per floor for 3 to 6 stories high
2520	For 7 to 20 stories high
3540	Equipment pad (3000 gal), 2' x 3' x 6" thick
3540	4' x 4' x 6" thick
3560	5' x 5' x 8" thick
3570	6' x 6' x 8" thick

The data published in RSMeans print books represents a "national average" cost. This data should be modified to the project location using the City Cost Indexes or Location Factors tables found in the reference section (see pages 1372-1420). Use the location factors to adjust estimate totals if the project covers multiple trades. Use the city cost indexes (CCI) for single trade projects or projects where a more detailed analysis is required. All figures in the two tables are derived from the same research. The last row of data in the CCI, the weighted average, is the same as the numbers reported for each location in the location factor tables.

Also Available Online and in eBook form!



Visit us online:

4Clicks offers a 20% discount on all hardcopy books, plus free shipping.

<http://www.4clicks.com/products-services/rsmeans/>