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Building Cost File

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**Unit Prices
Eastern Edition**

**A Construction
Publishing
Company Book**

Compiled by:
McKee-Berger-Mansueto Inc.

Van Nostrand Reinhold Company Regional Offices:
New York Cincinnati Atlanta Dallas San Francisco

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INTRODUCTION

This book is a collection of building construction unit costs drawn from the working files of McKee-Berger-Mansueto, Inc. (MBM). These cost files have been developed and updated since 1959 and, in 1971, a programmed retrieval system was incorporated.

These unit costs are in daily use by MBM's estimating staff on projects ranging from hospitals to housing developments, from schools to power plants—totalling, in aggregate, some two billion dollars in annual construction value. These unit costs have been employed in preparing estimates for a variety of purposes although their primary use has been in cost control programs during design and construction phases of new projects. Such cost control efforts require estimates which:

- establish project feasibility and initial project budgets
- provide design guidance in developing a project within a fixed budget
- permit evaluation of alternate design schemes or material selections
- anticipate contractor bids
- assist value engineering programs
- form the basis for negotiating construction contracts
- determine the value of contract modifications

Thus these unit costs have already been employed in virtually all the ways they might be used by the reader, and their validity has been tested in countless applications.

The pricing information in the BUILDING COST FILE is based upon cost data of 20 city median, adjusted to the city of this regional edition and projected to May 31, 1978. Construction costs during the first half of 1977 were modestly stable. However, due to anticipated petroleum price increases and energy consciousness, the construction industry will experience cost increases in labor, equipment and materials in the latter part of 1977. It is anticipated that, during the second half of 1977 and the whole year of 1978, material and equipment prices will increase between 5 and 18% per annum, with the bulk of increases going to *petroleum-related* products. Structural steel and reinforcing bars, despite announced increases by the mills, should result in only minimum increases due to foreign competition.

Lumber prices will increase greatly to meet housing demands coupled with losses due to forest fires during the summer of 1977. Cement prices, an energy-related production, is expected to increase 6-10%. Also insulation products will move upwards to 25% or more to meet the demand of uninsulated homes and buildings. Labor costs for the last two years have held; however, it is anticipated that their demands will be modest to meet the continuing spiral inflation. Labor increases should be about 5-8% per annum. Overall, the construction industry, which is beginning to experience an upturn in activity, should remain stable with overall prices still being depressed over prices of the last few years.

The 20 city median is the average of labor, materials, and equipment in the twenty cities listed below:

Atlanta	Chicago	Denver	Minneapolis	Pittsburgh
Baltimore	Cincinnati	Detroit	New Orleans	St. Louis
Birmingham	Cleveland	Kansas City	New York	San Francisco
Boston	Dallas	Los Angeles	Philadelphia	Seattle

HOW THE BOOK IS ORGANIZED

The 1978 BUILDING COST FILE is organized according to basic trades or work classifications. These follow general construction practice and make the book con-

Sometimes an adjustment for local conditions is reflected in unit prices but it may be shown as a separate cost or cost factor applied to a particular estimate. The unit costs listed below represent "average" prices which would be produced by averaging the experience of a busy and successful contractor on several jobs. These costs, then, presume average rather than optimum working conditions, and they should be employed with this in mind. Allowances must be made in any unit price for job conditions that are either simple or difficult.

In addition, these unit costs have been derived under the assumption that:

- a) Material quantities are less-than-carload, and also that special purchasing discounts are not applicable.
- b) Quality of material is considered to be good commercial competitive grade unless otherwise indicated.
- c) Where brand names are used they are to indicate quality levels of types intended. The words "or equal" are implied in all such cases.
- d) Workmanship is of good quality and labor is available in sufficient quantities to maintain normal production.
- e) Weather conditions are for "normal" climate only. No special consideration has been given to extremes of weather.

The 1978 BUILDING COST FILE has been derived from the experience of performing contractors. The costs for each trade are based on the cost records of estimating practices of contractors currently performing work in that trade. The MBM estimating staff members responsible for the development of this BUILDING COST FILE are contractors' estimators by training and recent experience, and each maintains a continuing information flow from material suppliers and practicing contractors. Thus the costs are both practical and current.

WAGE RATES

The labor unit costs, one of the three unit cost elements of the total unit cost, are averaged and based on the wage rates, including fringe benefits, below, and which are projected as of May 31, 1978.

	Philadelphia		Philadelphia
Asbestos Worker -	14.02	Operating Engineer	14.26
Bricklayer	14.83	Oiler	11.85
Carpenter	13.94	Painter	12.73
Cement Mason	13.02	Pipefitter	15.33
Electrician	14.77	Plasterer	12.74
Elevator Constructors	13.74	Plumber	15.33
Glazer	13.12	Roofer	14.10
Ironworker	15.58	Sheetmetal Worker	16.17
Laborer	9.94	Teamster	10.07
Lather	12.58	Tile Setter	12.25

OVERHEAD AND PROFIT

Building projects involve tiers of subcontractors in addition to one or more prime contractors, thus there are several layers of overhead and profit between the pure on-site cost and the cost to the owner. Sub-contracting practices differ widely from job to job and from firm to firm. It is important, then, for the reader to understand certain assumptions employed in development of this FILE, which are:

1. All general construction and architectural specialty trades costs are shown as costs *to the prime contractor* as if he performed *no work* for his own account. In other words, all such costs include general conditions and overhead and profit for the performing sub-contractor, i.e., plastering, painting, etc. These prices *do not* include any amount for prime contractors' mark-ups, overhead, or management costs.
2. All mechanical and electrical costs are costs *to the performing contractor*, not the general contractor. Therefore, overhead and profit charges for *both* the performing mechanical or electrical contractors *and* the prime contractor must be added.

The following markups are part of the unit prices in the various sections of the BUILDING COST FILE. The percent ranges, however, are dependent on local conditions. The lower percentage has been used in the unit prices which follow.

Site Work	25% to 35%	Ceramic & Quarry Tile	33% 38%
Concrete Work	24% 29%	Terrazzo	33% 38%
Masonry	28% 35%	Acoustical Treatment	20% 25%
Stonework	30% 40%	Resilient Flooring	15% 20%
Structural Steel	35% 40%	Spray-On Fire Protection	25% 30%
Misc. and Ornamental Metal	32% 37%	Painting & Finishes	20% 25%
Carpentry	22% 27%	Conveying System	33% 25%
Roofing & Sheet Metal	30% 35%	Plumbing	None. Not included in unit prices.
Curtain Wall System	30% 35%	Heating	None. Not included in unit prices.
Glass & Glazing	32% 37%	Electrical	None. Not included in unit prices.
Hollow Metal Work	28% 35%	Ventilating	None. Not including in unit prices.
Plaster	25% 30%	Specialties	22% to 27%
Gypsum Dry Wall	20% 25%	Equipment	22% 27%
Lathing	25% 30%	Special Construction	30% 40%

The user should determine what the local current practice is for overhead and profit items. He should also be sure that he has included both site overhead (general conditions) and office overhead.

Contingencies are reserved for unforeseen factors which will increase cost; the amount of contingency is a function of the incompleteness of the data on which the estimate is based. Even with completed plans and documents it is prudent to reserve 2 to 3% for field contingencies.

Local market conditions (including availability of labor, contractor competition, and other factors which influence the bidding climate) can have a marked effect on the final building cost. While these conditions do not operate rationally since their probable effect cannot be measured with confidence, they should be considered and allowances made for them.

State and local state taxes are not included in the following unit prices.

SAMPLE ESTIMATE

A sample estimate has been included below to illustrate how the 1977 Building Cost File can be used. The particular example chosen shows how prices can be taken from the book and combined into a price per square foot for floor slabs. The source of each price in the book and the method used to convert other units to square feet are noted. A square foot cost analysis is, of course, not typical of all estimating formats. This specific example was chosen as one of the more complex analyses possible by the data in the FILE.

The general contractor's overhead and profit percentage used is *not* a recommended figure. This percentage will vary in every city, with every contractor, and on every job.

Question: Price a typical designed reinforced concrete flat slab, 8 feet floor to floor, 3000 psi.

	UNIT	TOT	LAB	MAT	EQUIP
1. Concrete (10" thick) (Page 43 UCI—03311.2000 Susp. Arches-Flat slabs	C. Y.	49.95	14.60	35.37	
Convert to \$/SF as follows: <u>Price/C.Y. x .83 =</u> 27	S. F.	1.54	0.45	1.09	
2. Formwork (Page 36 UCI—03122.0803 Susp. Arch Forms (Flat Slab) 3 Uses	S. F.	3.21	2.51	0.70	
3. Reinforcing (Page 41 UCI—03216.3101 In Footing & Slabs Convert to \$/SF: Assume 5 lbs./SF, therefore <u>Price/Ton x 5 =</u> 2,000	T S. F.	978.23 2.44	329.00 0.82	603.00 1.51	46.23 0.11
4. Finishing (Page 43 UCI—03313.0202 Conc. Finishes; Steel Trowel, Two Passes-Hand)	S. F.	0.36	0.36		
5. Finishing (Page 43 UCI—03313.1000 Conc. Finishes; Hardener, Metallic)	S. F.	0.34	0.18	0.16	
Subtotal composite for 10" Reinf. Conc. Flat Slab (Subcontractor's Price— overhead & profit included)	S. F.	7.89	4.32	3.46	0.11
For illustrative purpose add 7% for General Contractor's Mark-Up	S. F.	0.54	0.30	0.24	
Grand Total—General Contractor's price or quote	S. F.	8.43	4.62	3.70	0.11

REGIONAL AND LOCAL COST DIFFERENCES

Construction costs vary greatly from place to place due to wide differences in wage rates, labor availability and productivity, weather, seasonality, competition, and local contracting practices. In addition, shipping costs and other regional considerations produce variations in material and equipment costs. There are also sizeable differences due to local availability of bulk materials such as stone and concrete. This unit cost file takes these differences into account as described below.

Since a unit cost is a composite of many individual labor, material, transportation and equipment costs, and because any one of these may vary independently of the others, it is impossible to use a single factor to modify a cost of an item in one geographical location for use elsewhere. For example, a 4700 cfm air handling unit, listed at about \$10,000, installed in Los Angeles, should not be estimated at \$9000 in Phoenix even though the reader will find that in the broad category of "ventilating" the ratio of costs is 100 vs. 90 percent.

The author performs cost consulting services for projects in all parts of the country. Therefore, it is essential that its own cost files reflect geographical differences on a unit price level rather than be averaged out over a major trade category or over a total project. For several years the firm has employed a procedure known as differential indexing. In it, each unit price is tied, through a computer program, to more than 122 local cost indicators including local labor costs for all trades, labor productivity, availability of bulk materials, remoteness from fabrication centers, and local costs for manufactured products.

Each component has assigned to it just those indicators affecting it, with the weight of each indicator accurately assessed. The differing effects of these 122 indicators on unit costs, or "differential indexing," permits costs from a basic data file to be translated into costs for any city in the United States with reliability. Costs reproduced in this book have been so translated, as have adjustment indexes recommended for use in other cities within the region. However, to assure accuracy, these unit costs have been confirmed against actual contractor cost experience.

PRICE ADJUSTMENTS FOR OTHER CITIES

The 1978 BUILDING COST FILE is available in four regional editions, as follows:

Eastern Edition, based on Philadelphia, Pa., prices

Central Edition, based on Chicago, Ill., prices

Western Edition, based on Los Angeles, Cal., prices

Southern Edition, based on Atlanta, Ga., prices

The user has received the edition that generally covers his particular geographic area unless he requested a different edition.

In order for the FILE to be used in cities other than those listed above, each regional edition contains geographical adjustment factors for each construction trade for other major cities in the United States and Canada.

The following table presents indices for use within this region and should be used with care, as follows:

1. Each of the regional controlling cities listed above is base "100" for indexing purposes. The index for each of the 27 trade groups is weighted to reflect the typical principal components of labor and material in each trade.
2. The composite index is likewise weighted to reflect the typical components of an entire building constructed in the base city.
3. All index figures represent average anticipated cost levels at mid-year, 1978.
4. Although these adjustments are flexible in terms of building systems and geographical locations, they have a limitation which must be recognized when being applied. The indices do account for differences in the basic cost of labor, materials and equipment between cities within a given region, but they do not account for what are commonly known as "market conditions" of a temporary nature.

To obtain the cost difference for a specific trade between the base city prices on the following pages and any other city within the same region, the index figures can be used as follows:

a) Between the base city and a selected city:

Given the index figures for stonework, 100.0 for the base city, and 94.1 for a selected city, and an estimated (or actual bid) price of \$250,000 for stonework in the base city, the expected price for the stonework in the selected city is determined as follows:

$$\frac{\$250,000 \times 94.1}{100.00} = \$235,250$$

b) Between two cities when neither city is a base city:

Given the index figures for Masonry, 82.1 for City A and 102.0 for City B, and a price or bid of \$300,000 in City A, the expected price for Masonry in City B is determined as follows:

$$\frac{\$300,000 \times 102.0}{82.1} = \$372,000$$

The composite indices for each city within a region apply to whole buildings or series of projects only. No more than very early estimates or actual bids should be adjusted with indices. Trade indices may be used, with care, for any estimate or bid. Actual prices quotations, however, are recommended whenever possible.

122-CITY GEOGRAPHICAL ADJUSTMENT INDEX

	ABIENE, TX	ALBANY, NY	ALBUQUERQUE, NH	AMARILLO, TX	ANCHORAGE, AK	ATLANTA, GA	BALTIMORE, MD	BANGOR, ME	BASE, 20-CITIES	BATON ROUGE, LA
COMPOSITE	82.2	96.7	93.2	85.5	132.0	87.0	92.2	90.4	97.1	83.7
SITE WORK/EXCAVATION	74.1	100.7	87.9	79.6	130.8	81.6	94.8	95.1	96.7	83.5
ASPHALT PAVING	82.1	96.8	87.4	85.8	121.0	83.8	95.5	104.7	96.5	81.6
LANDSCAPING	79.6	107.4	91.5	83.5	133.2	77.1	90.6	91.4	99.4	78.6
CONSTRUCTION EQUIPMENT	75.9	99.0	90.6	81.3	124.2	83.7	93.7	101.3	76.4	84.2
CONCRETE PLACEMENT	84.2	108.7	96.2	86.3	136.3	82.7	107.8	107.9	102.6	89.8
FORMWORK	70.2	96.9	86.6	76.6	131.8	76.2	88.2	81.4	94.8	70.7
REPAIRS	72.5	103.4	91.7	74.8	143.9	83.2	83.7	90.7	94.7	77.7
STRUCTURAL STEEL	85.2	95.8	90.8	88.1	131.3	86.0	90.3	84.1	96.0	78.0
MASONRY	80.1	91.6	85.3	84.5	148.5	79.0	86.3	90.3	96.1	80.2
CARPENTRY	84.7	98.4	93.4	88.1	118.0	79.4	96.1	96.0	96.9	73.2
PRE CAST CONCRETE	90.4	115.6	103.4	93.3	146.3	89.5	97.6	114.0	103.0	83.1
MISC. METAL WORK	93.8	101.1	123.7	94.3	151.9	94.4	98.5	104.5	101.8	92.9
WINDOWS/CURTAIN WALLS	86.8	97.7	135.4	88.4	168.2	92.0	96.2	104.0	101.2	89.8
GLASS AND GLAZING	84.9	107.3	93.1	74.9	150.3	92.3	107.1	72.9	97.6	66.4
ROOFING	55.0	83.2	62.2	50.9	99.0	67.4	73.1	74.4	85.1	68.4
INSULATION	88.2	88.4	95.5	91.5	139.6	82.0	77.3	101.3	99.5	87.1
PLASTER WORK	75.7	98.2	84.5	83.5	142.7	87.8	88.8	86.3	98.8	85.1
DRY WALL WORK	66.0	90.5	87.5	71.8	129.6	82.9	87.9	80.3	92.3	76.1
RESILIENT FLOORING	64.6	91.0	86.7	72.0	127.9	78.8	85.2	74.5	91.9	72.2
CERAMIC/QUARRY TILE	74.7	92.4	76.8	85.4	145.7	87.1	86.6	91.8	99.1	78.6
HOLLOW METAL WORK	85.9	98.0	94.3	89.1	125.7	87.9	94.2	90.9	97.2	85.6
ACOUSTICAL TREATMENT	84.3	94.2	95.8	79.0	139.8	86.0	90.0	90.4	99.7	87.7
PAINING AND FINISHES	61.9	86.2	69.8	71.5	150.3	87.5	89.8	85.7	95.1	78.6
EQUIPMENT	100.2	101.8	107.4	101.4	132.5	91.6	97.1	104.8	101.9	84.7
CONVEYING SYSTEMS	93.0	99.5	94.5	95.4	124.3	94.4	96.6	100.7	99.0	94.4
PIPING	87.6	96.9	97.5	89.6	136.7	92.3	96.2	93.0	100.0	90.7
PLUMBING FIXTURES	81.7	93.4	93.7	86.0	127.6	91.9	91.8	84.9	98.1	88.4
HVAC EQUIPMENT	97.2	99.0	99.1	97.9	121.1	98.8	98.9	97.7	99.7	98.3
AIR DISTRIBUTION	66.4	83.6	82.4	75.0	120.1	75.0	74.9	69.9	87.9	70.6
WIRING	82.2	95.9	90.1	86.9	129.4	92.9	92.6	83.4	97.4	89.4
ELECTRICAL EQUIPMENT	99.1	99.8	99.5	99.4	120.4	99.6	99.6	98.2	99.9	99.3
LIGHTING	92.1	98.2	95.6	74.2	124.2	96.8	96.7	92.6	98.8	95.3

122-CITY GEOGRAPHICAL ADJUSTMENT INDEX (CON'T.)

	BILLINGS, MT	BINGHAMTON, NY	BIRMINGHAM, AL	BISMARCK, ND	BOISE, ID	BOSTON, MA	BUFFALO, NY	BURLINGTON, VT	CAMDEN, NJ	CENTRALIA, IL
COMPOSITE	91.9	92.0	87.1	87.2	93.4	100.5	100.4	93.3	99.7	92.8
SITE WORK/EXCAVATION	98.8	97.6	84.1	91.7	100.9	99.7	102.8	93.2	103.7	96.0
ASPHALT PAVING	97.6	98.0	84.8	92.9	99.7	106.9	103.8	103.1	102.6	100.3
LANDSCAPING	101.4	100.3	77.9	90.6	100.0	102.7	110.0	78.3	77.5	100.7
CONSTRUCTION EQUIPMENT	98.8	96.1	85.6	95.0	102.2	100.7	100.4	96.3	106.3	93.3
CONCRETE PLACEMENT	90.9	98.6	90.0	86.4	93.7	115.2	109.6	109.6	97.8	93.5
FORMWORK	84.5	88.9	70.3	77.6	92.6	99.5	108.2	87.8	98.6	88.8
REBARS	86.3	87.4	86.1	78.6	81.7	103.1	95.0	99.8	100.4	85.7
STRUCTURAL STEEL	93.7	91.5	84.9	88.1	91.9	91.3	97.0	88.1	102.0	92.4
MASONRY	99.1	87.9	77.8	86.6	97.3	104.4	100.8	89.1	95.2	92.8
CARPENTRY	96.5	91.5	73.9	95.9	102.1	105.3	110.2	99.2	100.5	85.8
PRE CAST CONCRETE	93.9	98.9	86.5	89.6	94.9	117.3	111.3	113.5	101.5	93.2
MISC. METAL WORK	102.6	98.0	116.3	101.9	102.8	107.5	98.5	106.6	100.1	98.4
WINDOWS/CURTAIN WALLS	99.8	95.2	127.0	97.7	100.2	108.7	94.6	106.4	100.6	96.1
GLASS AND GLAZING	83.3	89.8	104.0	73.5	88.9	94.3	92.7	81.2	104.8	104.0
ROOFING	75.7	78.8	72.7	71.3	81.0	93.0	87.2	91.0	92.9	84.9
INSULATION	92.0	91.7	80.6	73.1	90.8	107.9	108.0	98.1	90.2	95.5
PLASTER WORK	81.9	92.3	80.3	84.7	82.7	100.3	102.7	94.4	97.4	96.7
DRY WALL WORK	81.4	85.2	77.6	80.4	91.1	96.3	99.6	89.9	100.8	84.6
RESILIENT FLOORING	73.4	81.3	72.2	72.2	85.7	94.9	100.2	81.5	101.0	87.3
CERAMIC/QUARRY TILE	96.3	94.9	83.3	78.4	91.9	107.7	110.9	90.3	103.7	100.3
HOLLOW METAL WORK	90.5	92.0	85.6	90.0	95.8	99.7	102.0	94.0	100.4	94.7
ACOUSTICAL TREATMENT	83.2	88.2	80.3	82.4	90.9	103.2	112.5	94.8	100.7	92.1
PAINTING AND FINISHES	75.4	78.3	73.7	56.6	79.5	102.1	100.3	53.2	94.5	85.8
EQUIPMENT	100.8	96.7	86.6	100.3	102.4	109.3	109.3	107.2	100.2	94.8
CONVEYING SYSTEMS	96.3	97.9	95.1	94.3	98.2	100.4	100.3	98.1	103.6	98.1
PIPING	96.1	95.5	92.0	95.1	95.7	99.2	99.4	94.0	100.4	97.1
PLUMBING FIXTURES	90.5	90.3	91.2	88.3	89.6	98.2	97.7	87.1	100.8	92.8
HVAC EQUIPMENT	98.6	98.5	98.7	98.2	98.4	99.7	100.2	98.1	100.1	98.9
AIR DISTRIBUTION	78.5	85.1	77.8	68.3	80.3	89.3	89.3	71.3	95.3	83.1
WIRING	91.9	89.6	90.4	82.3	90.2	99.9	101.7	91.8	97.8	93.0
ELECTRICAL EQUIPMENT	99.6	99.5	99.3	99.1	99.5	100.0	100.1	99.6	99.9	99.7
LIGHTING	96.4	95.4	95.7	92.1	95.6	99.9	100.8	96.3	99.0	96.9

122-CITY GEOGRAPHICAL ADJUSTMENT INDEX (CON'T.)

	CHARLESTON, WV	CHARLESTON, SC	CHARLOTTE, NC	CHEYENNE, WY	CHICAGO, IL	CINCINNATI, OH	CLEVELAND, OH	COLUMBUS, GA	COLUMBUS, OH	CORPUS CHRISTI, TX
COMPOSITE	92.8	77.9	79.8	94.2	99.4	100.1	101.5	80.3	97.0	82.0
SITE WORK/EXCAVATION	95.2	73.0	83.5	95.4	101.9	98.6	100.4	82.5	96.7	77.1
ASPHALT PAVING	96.1	79.4	82.2	93.2	99.2	102.7	103.8	84.4	100.3	83.2
LANDSCAPING	90.1	65.7	75.3	93.8	105.4	106.0	108.6	71.1	98.6	81.8
CONSTRUCTION EQUIPMENT	94.9	79.6	84.0	100.5	101.6	99.5	100.1	88.0	99.5	77.7
CONCRETE PLACEMENT	107.3	74.8	76.3	97.5	109.7	108.7	110.0	75.4	101.9	84.4
FORMWORK	89.0	61.6	64.4	84.7	100.5	103.9	109.8	64.3	91.7	70.6
REBARS	84.3	76.0	78.8	94.0	101.2	95.8	96.2	89.0	94.0	65.4
STRUCTURAL STEEL	91.0	80.5	83.4	94.8	96.2	96.6	97.6	90.5	95.6	81.6
MASONRY	86.0	62.2	63.3	86.6	92.9	95.8	101.1	64.2	85.2	80.0
CARPENTRY	96.7	72.3	73.5	92.9	103.6	104.7	111.2	74.2	99.7	84.8
PRE CAST CONCRETE	97.8	84.5	90.2	107.0	110.0	110.2	109.9	89.3	108.6	92.0
MISC. METAL WORK	98.7	93.0	93.3	123.6	96.7	98.3	98.7	94.3	97.6	93.2
WINDOWS/CURTAIN WALLS	96.5	88.6	89.8	136.0	92.0	93.9	95.0	92.4	92.4	85.4
GLASS AND GLAZING	102.6	79.8	82.5	72.5	100.6	93.9	103.5	72.4	87.6	75.1
ROOFING	83.5	45.9	54.1	72.6	95.2	89.9	93.2	59.7	92.7	57.9
INSULATION	89.1	69.7	75.2	92.6	95.8	125.6	111.9	67.1	127.1	87.6
PLASTER WORK	90.2	70.3	75.1	92.2	100.8	103.2	110.2	64.9	90.6	86.4
DRY WALL WORK	89.0	70.5	72.5	83.2	100.8	99.8	101.3	73.8	91.1	66.1
RESILIENT FLOORING	86.7	63.2	65.8	81.2	97.3	96.7	102.4	67.4	85.8	64.8
CERAMIC/QUARRY TILE	95.2	66.5	70.8	81.7	102.0	105.6	110.1	60.2	91.4	80.4
HOLLOW METAL WORK	94.8	81.2	82.3	92.0	100.7	100.4	102.9	83.0	95.8	86.0
ACOUSTICAL TREATMENT	90.9	76.1	77.8	92.4	98.2	120.0	113.8	78.8	113.1	84.4
PAINTING AND FINISHES	75.3	50.3	54.6	6.4	89.6	98.4	104.3	64.3	90.6	74.7
EQUIPMENT	97.4	89.0	89.5	106.7	107.6	109.2	109.7	90.2	107.5	99.9
CONVEYING SYSTEMS	97.2	92.2	94.6	99.9	99.2	99.4	100.4	96.8	99.4	94.0
PIPING	95.6	86.9	86.3	100.2	99.2	99.9	99.2	83.0	100.0	86.8
PLUMBING FIXTURES	90.4	80.3	78.9	99.4	97.3	98.8	97.3	71.7	99.0	80.1
HVAC EQUIPMENT	98.6	97.0	96.8	99.9	99.7	99.8	99.8	94.8	99.8	97.0
AIR DISTRIBUTION	79.6	57.9	62.0	76.1	89.5	90.3	94.1	58.5	84.9	66.7
WIRING	93.4	79.8	78.6	88.5	101.2	96.4	98.3	83.9	98.2	85.0
ELECTRICAL EQUIPMENT	99.7	99.0	98.9	99.4	100.1	99.8	99.9	99.2	99.9	99.3
LIGHTING	97.0	91.0	90.4	94.8	100.6	98.4	99.2	92.8	99.2	93.3

122-CITY GEOGRAPHICAL ADJUSTMENT INDEX (CON'T.)

	COUNCIL BLUFFS, IA	DALLAS, TX	DENVER, CO	DES MOINES, IA	DETROIT, MI	DOVER, DE	DUBUQUE, IA	DULUTH, MN	EL PASO, TX	EVANSVILLE, IN
COMPOSITE	91.8	87.1	95.5	92.1	102.7	96.3	93.7	93.7	84.5	91.6
SITE WORK/EXCAVATION	89.6	78.9	90.9	89.7	104.6	99.4	94.7	100.0	79.0	92.8
ASPHALT PAVING	91.4	86.6	89.0	92.6	111.3	100.7	97.3	94.4	76.6	98.4
LANDSCAPING	93.2	84.9	94.4	95.7	109.0	97.3	93.9	102.3	87.5	92.0
CONSTRUCTION EQUIPMENT	90.3	80.9	92.8	90.3	104.6	98.0	100.0	101.2	81.0	93.3
CONCRETE PLACEMENT	100.8	88.9	98.9	103.0	108.7	112.7	90.2	94.2	87.2	89.2
FORMWORK	86.5	81.8	88.0	82.7	104.9	97.0	87.8	92.3	73.2	81.2
REBARS	75.9	72.6	93.8	74.9	104.2	91.3	90.2	81.2	67.8	89.8
STRUCTURAL STEEL	88.2	86.7	92.6	87.6	97.6	96.2	96.3	91.3	93.0	94.0
MASONRY	93.1	69.2	94.0	94.3	107.7	89.1	93.3	90.3	74.1	91.4
CARPENTRY	99.8	90.4	95.7	102.6	101.4	98.3	100.6	101.5	84.1	83.3
PREF CAST CONCRETE	94.8	93.1	105.1	95.0	109.2	100.4	91.2	94.5	87.7	90.8
MISC. METAL WORK	100.3	94.4	123.9	100.6	99.3	99.4	103.4	102.7	98.2	98.5
WINDOWS/CURTAIN WALLS	98.3	88.4	136.0	94.7	96.7	98.7	101.6	99.9	90.8	96.4
GLASS AND GLAZING	98.7	82.8	87.6	96.8	102.8	107.6	91.8	94.1	67.4	106.2
ROOFING	68.8	69.3	79.2	74.7	94.5	70.6	77.7	86.2	48.8	81.3
INSULATION	88.8	88.2	94.8	82.1	126.8	92.2	90.4	85.0	83.3	86.8
PLASTER WORK	88.1	88.1	94.7	89.3	108.4	92.4	87.9	91.8	78.4	93.4
DRY WALL WORK	80.9	75.8	88.0	85.7	96.7	91.8	88.5	90.1	70.6	80.2
RESILIENT FLOORING	75.7	77.0	87.2	81.7	102.8	90.2	82.4	88.4	69.3	82.1
CERAMIC/QUARRY TILE	87.3	83.0	95.9	96.6	108.3	100.7	92.7	96.3	72.2	90.2
HOLLOW METAL WORK	89.6	91.2	94.5	92.2	103.1	96.3	94.3	95.2	89.5	92.3
ACOUSTICAL TREATMENT	82.4	92.1	96.2	86.2	122.9	93.1	88.8	90.1	84.9	88.7
PAINTING AND FINISHES	95.6	83.0	96.4	88.2	109.4	86.1	77.8	89.0	64.1	90.2
EQUIPMENT	97.8	102.0	107.5	98.7	107.7	98.2	102.3	102.2	99.2	94.2
CONVEYING SYSTEMS	97.0	95.8	95.7	97.0	100.8	99.3	97.0	97.6	93.0	98.0
PIPING	97.8	89.9	97.4	96.5	101.6	99.2	98.4	96.2	101.8	98.2
PLUMBING FIXTURES	94.2	88.7	93.4	91.4	102.5	98.3	95.6	90.7	82.9	95.1
HVAC EQUIPMENT	99.1	98.0	99.0	98.7	100.4	99.8	99.3	98.6	96.8	99.3
AIR DISTRIBUTION	79.4	71.7	84.4	77.9	96.5	83.6	77.7	77.9	71.7	76.0
WIRING	97.6	90.4	94.1	93.9	102.2	97.2	92.3	92.7	83.0	93.6
ELECTRICAL EQUIPMENT	94.9	98.5	99.7	99.7	100.1	99.9	99.6	99.6	99.2	99.7
LIGHTING	98.9	95.7	97.4	97.3	101.0	98.7	96.6	96.7	92.4	97.1

122-CITY GEOGRAPHICAL ADJUSTMENT INDEX (CON'T.)

	FARGO, ND	FORT WORTH, TX	FRESNO, CA	GRAND RAPIDS, MI	GREAT FALLS, MT	HARRISBURG, PA	HARTFORD, CT	HONOLULU, HI	HOUSTON, TX	INDIANAPOLIS, IN
COMPOSITE	88.8	87.2	106.4	93.6	91.6	92.7	98.7	102.7	89.5	97.0
SITE WORK/EXCAVATION	92.4	78.9	108.3	100.8	96.9	98.7	97.6	104.1	83.0	93.7
ASPHALT PAVING	93.4	86.6	97.7	109.9	95.8	97.7	95.5	99.9	88.5	9.3
LANDSCAPING	92.7	84.9	113.3	101.6	100.0	95.8	100.7	101.0	89.6	97.0
CONSTRUCTION EQUIPMENT	95.0	80.9	106.6	104.6	96.5	98.8	99.1	105.0	83.1	95.2
CONCRETE PLACEMENT	87.3	89.3	115.3	103.0	90.3	95.8	106.2	108.5	91.0	100.4
FORMWORK	80.8	81.8	110.1	89.8	87.2	84.9	94.5	82.8	85.5	95.8
REBAR	78.6	72.6	111.7	90.2	81.5	99.8	113.0	89.2	78.2	91.1
STRUCTURAL STEEL	88.1	86.7	114.3	89.3	90.2	99.5	101.5	103.3	90.6	94.4
MASONRY	98.5	89.2	106.3	84.4	93.3	88.3	98.1	89.3	92.1	89.2
CARPENTRY	97.6	90.4	102.4	92.3	99.4	91.5	99.0	94.2	91.9	104.1
PRE CAST CONCRETE	90.3	93.1	112.9	106.8	92.8	99.0	113.6	115.4	95.5	107.0
MISC. METAL WORK	102.1	94.4	100.9	97.2	102.5	99.1	101.9	129.6	95.0	98.0
WINDOWS/CURTAIN WALLS	98.1	88.4	100.1	91.7	99.2	98.1	99.9	131.1	90.1	93.1
GLASS AND GLAZING	73.5	82.8	81.4	94.0	85.4	93.4	115.8	117.8	89.5	92.9
ROOFING	71.3	67.7	86.9	68.4	71.3	81.6	79.9	78.7	71.0	84.7
INSULATION	73.1	88.2	113.4	114.5	92.0	82.3	92.9	87.7	93.5	122.2
PLASTER WORK	84.7	86.1	111.8	89.9	80.0	87.7	101.9	97.9	90.4	99.1
DRY WALL WORK	83.3	75.8	106.2	90.9	86.5	85.2	91.3	87.3	78.4	98.7
RESILIENT FLOORING	75.9	77.0	112.2	83.0	79.9	81.3	92.3	77.0	80.3	95.4
CERAMIC/QUARRY TILE	78.4	81.0	93.8	85.6	90.2	88.8	105.2	83.8	85.1	99.9
HOLLOW METAL WORK	91.5	91.2	107.1	94.6	93.3	92.0	98.6	100.9	92.6	99.9
ACOUSTICAL TREATMENT	84.7	92.1	110.8	110.4	87.2	88.2	95.0	94.6	94.2	119.2
PAINTING AND FINISHES	73.0	83.0	100.5	86.4	73.5	74.4	101.2	84.8	89.0	85.4
EQUIPMENT	100.9	102.0	103.6	104.2	101.6	97.2	102.4	113.7	102.7	108.9
CONVEYING SYSTEMS	94.3	95.8	104.9	100.8	95.0	99.3	99.3	111.0	97.0	97.0
PIPING	94.3	89.9	114.5	99.1	97.2	95.6	98.1	128.0	91.2	97.8
PLUMBING FIXTURES	87.1	86.7	110.4	97.2	92.9	90.6	95.8	105.3	89.4	94.2
HVAC EQUIPMENT	98.1	98.0	101.6	99.6	98.9	98.6	99.4	113.5	98.3	99.1
AIR DISTRIBUTION	89.0	73.9	97.3	76.4	77.5	80.7	89.5	88.5	76.9	86.7
WIRING	87.9	91.8	102.1	94.4	89.2	87.6	100.0	106.9	92.0	92.2
ELECTRICAL EQUIPMENT	92.4	99.6	100.1	99.7	99.5	99.4	100.0	114.5	99.6	99.6
LIGHTING	94.6	96.3	100.9	97.5	95.2	94.3	100.0	111.4	96.4	96.3

122-CITY GEOGRAPHICAL ADJUSTMENT INDEX (CON'T.)

	MADISON, WI	MANCHESTER, NH	MEMPHIS, TN	MIAMI, FL	MILWAUKEE, WI	MINNEAPOLIS, MN	MOBILE, AL	MOLINE, IL	NASHVILLE, TN	MASSAU-SUFFOLK COUNTY, NY
COMPOSITE	92.7	93.1	89.8	92.2	98.0	94.2	86.6	91.5	83.5	106.7
SITE WORK/EXCAVATION	97.4	95.6	87.0	85.0	99.3	100.3	87.3	103.2	79.9	101.5
ASPHALT PAVING	98.0	103.6	95.4	88.1	99.5	99.5	83.7	100.3	82.3	96.3
LANDSCAPING	100.5	96.2	87.0	85.0	106.2	103.2	90.7	105.7	75.7	114.2
CONSTRUCTION EQUIPMENT	100.0	97.8	89.7	88.3	100.0	101.1	87.7	103.4	81.7	95.4
CONCRETE PLACEMENT	106.8	108.9	87.1	88.2	111.2	95.0	92.0	106.7	79.8	114.0
FORMWORK	90.9	84.1	78.2	83.1	101.1	94.5	74.4	89.8	71.7	110.6
REBARS	85.6	99.8	82.4	93.9	96.0	81.2	77.0	85.3	82.6	128.4
STRUCTURAL STEEL	86.5	88.5	89.4	93.6	92.7	91.3	78.8	87.3	85.0	109.6
MASONRY	82.3	87.3	93.8	85.9	94.5	98.8	88.9	79.2	70.8	116.5
CARPENTRY	97.0	96.8	82.9	81.3	102.0	102.7	75.5	95.1	76.8	106.3
PRE CAST CONCRETE	107.5	114.8	87.8	93.2	108.9	94.7	85.0	110.6	88.6	111.7
MISC. METAL WORK	94.7	106.3	97.9	95.5	96.1	102.9	93.1	94.5	94.0	104.0
WINDOWS/CURTAIN WALLS	87.1	106.0	94.4	95.1	90.4	100.1	90.4	86.9	91.1	104.6
GLASS AND GLAZING	93.8	83.9	103.4	97.2	99.6	92.5	69.9	92.6	88.8	121.6
ROOFING	80.6	66.2	77.1	87.4	90.8	86.8	71.8	88.4	68.2	95.2
INSULATION	93.5	101.3	88.6	94.2	97.2	90.1	92.0	81.2	84.6	10.9
PLASTER WORK	90.7	93.5	90.8	94.6	97.8	97.3	99.4	83.2	80.7	117.8
DRY WALL WORK	89.3	81.7	79.5	86.2	97.9	92.3	80.3	86.1	78.3	104.3
RESILIENT FLOORING	82.8	76.2	81.2	83.0	93.7	87.2	77.6	74.7	73.1	108.4
CERAMIC/QUARRY TILE	92.7	88.5	83.3	95.9	106.3	98.8	92.1	97.9	79.0	107.4
HOLLOW METAL WORK	94.5	91.7	91.9	89.7	99.2	96.4	87.9	92.8	85.4	105.5
ACOUSTICAL TREATMENT	89.0	91.5	88.1	88.6	95.9	91.8	91.1	86.5	82.4	105.2
PAINTING AND FINISHES	89.7	85.4	85.8	94.3	96.6	91.1	84.7	74.9	70.2	97.0
EQUIPMENT	104.9	106.4	93.7	92.7	106.9	102.6	85.4	104.3	90.8	105.4
CONVEYING SYSTEMS	98.3	98.8	96.0	97.0	98.3	97.6	96.2	100.2	93.3	97.5
PIPING	96.0	96.3	96.8	94.7	98.8	95.1	92.5	94.0	88.7	102.6
PLUMBING FIXTURES	90.4	92.0	92.1	97.0	96.3	88.5	92.3	86.0	84.1	105.7
HVAC EQUIPMENT	98.6	98.8	98.8	99.8	99.4	98.3	98.8	97.9	97.6	100.5
AIR DISTRIBUTION	81.6	80.0	81.7	87.3	87.4	83.2	77.9	79.2	70.2	99.3
WIRING	92.0	91.8	90.7	99.2	96.8	91.6	92.1	90.2	83.6	107.0
ELECTRICAL EQUIPMENT	99.6	99.6	99.5	100.0	99.8	99.6	99.6	99.5	99.2	100.3
LIGHTING	96.4	96.3	95.9	99.6	98.6	96.3	96.4	98.6	92.7	103.1

122-CITY GEOGRAPHICAL ADJUSTMENT INDEX (CON'T.)

	NEW HAVEN, CT	NEW ORLEANS, LA	NEW YORK CITY, NY	NEWARK, NJ	NORFOLK, VA	NORTH PLATTE, NE	OKLAHOMA CITY, OK	OMAHA, NE	PADUCA, KY	PEORIA, IL
COMPOSITE	97.6	86.8	107.7	102.6	84.5	95.1	92.0	93.2	87.4	96.0
SITE WORK/EXCAVATION	97.7	88.4	107.1	103.8	82.4	93.6	89.4	89.1	83.3	100.8
ASPHALT PAVING	95.7	84.7	99.0	99.9	88.8	90.8	89.0	91.0	92.7	98.5
LANDSCAPING	101.3	82.4	113.6	103.2	76.5	98.2	92.6	93.1	86.1	106.6
CONSTRUCTION EQUIPMENT	99.1	86.6	102.0	106.5	86.1	94.4	92.8	89.6	84.8	99.5
CONCRETE PLACEMENT	106.8	93.4	110.6	108.4	99.4	100.6	97.4	101.2	85.5	109.8
FORMWORK	95.4	77.0	110.2	98.4	73.9	88.4	82.4	91.4	74.9	98.0
REBAR	109.9	78.8	129.5	122.3	74.2	89.7	88.9	75.9	77.0	88.2
STRUCTURAL STEEL	99.6	79.8	112.0	109.0	82.6	90.6	99.7	84.0	85.4	88.0
MASONRY	94.5	87.8	113.0	101.4	75.7	91.8	89.1	93.5	83.0	92.9
CARPENTRY	99.4	76.6	107.5	111.2	89.9	94.3	91.5	103.7	80.7	101.5
PRE CAST CONCRETE	113.7	85.7	119.1	116.6	90.6	106.7	104.2	94.5	86.0	109.6
MISC. METAL WORK	101.7	93.4	104.2	102.9	97.1	123.4	123.1	100.8	97.2	95.4
WINDOWS/CURTAIN WALLS	99.3	91.1	105.6	103.0	92.3	134.9	134.1	99.1	92.7	88.6
GLASS AND GLAZING	116.7	75.6	119.5	121.8	90.8	89.0	79.6	98.6	104.6	99.6
ROOFING	82.2	75.4	96.4	91.0	56.4	71.5	75.5	73.0	72.0	92.0
INSULATION	87.1	87.1	100.7	97.8	72.5	99.7	92.8	90.6	90.8	90.6
PLASTER WORK	100.6	91.0	111.4	108.0	79.6	93.2	91.0	88.8	83.2	102.2
DRY WALL WORK	92.2	82.1	106.3	95.4	77.1	85.5	80.6	87.6	75.7	97.2
RESILIENT FLOORING	93.2	79.4	111.0	97.1	71.7	84.2	78.0	84.2	76.4	92.8
CERAMIC/QUARRY TILE	106.9	82.9	107.1	104.3	72.9	84.8	83.8	87.3	100.5	98.1
HOLLOW METAL WORK	98.9	88.9	106.6	100.6	88.4	93.2	90.6	93.2	89.9	98.8
ACOUSTICAL TREATMENT	95.6	92.5	106.8	98.1	81.5	94.2	90.3	87.8	85.1	95.4
PAINTING AND FINISHES	88.9	82.5	91.9	89.3	71.6	81.5	80.0	81.5	62.8	95.2
EQUIPMENT	102.4	85.8	105.9	103.5	94.7	106.9	106.0	99.1	92.8	106.4
CONVEYING SYSTEMS	99.5	96.8	101.1	103.6	92.4	96.6	95.7	98.6	93.4	98.1
PIPING	97.2	91.7	104.2	102.3	92.3	98.8	96.2	98.8	96.5	98.0
PLUMBING FIXTURES	93.8	90.7	109.0	105.1	83.3	96.5	90.8	96.5	91.4	94.7
HVAC EQUIPMENT	99.1	98.6	99.7	99.9	97.5	99.3	98.6	99.3	98.7	99.2
AIR DISTRIBUTION	81.3	76.5	100.7	97.0	66.0	83.5	79.4	82.9	86.1	79.7
WIRING	93.7	90.6	110.6	99.3	83.7	98.2	88.1	98.2	88.6	91.9
ELECTRICAL EQUIPMENT	99.7	99.5	100.5	100.0	99.2	99.9	99.4	99.9	99.4	99.6
LIGHTING	97.2	95.8	104.7	99.7	92.7	99.2	94.7	98.2	94.9	96.4

122-CITY GEOGRAPHICAL ADJUSTMENT INDEX (CONT.)

	PHILADELPHIA, PA	PHOENIX, AZ	PITTSBURGH, PA	PORTLAND, OR	PORTLAND, ME	PROVIDENCE, RI	PUEBLO, CO	RALEIGH, NC	REDDING, CA	RENO, NE
COMPOSITE	100.0	98.3	98.1	100.6	90.5	97.6	94.7	79.7	107.2	102.0
SITE WORK/EXCAVATION	100.0	93.4	96.2	100.4	95.1	98.1	90.9	83.5	108.3	103.1
ASPHALT PAVING	100.0	85.9	101.4	95.1	104.7	106.1	89.0	82.2	97.7	95.1
LANDSCAPING	100.0	102.2	100.7	103.3	91.4	104.2	94.4	75.3	113.3	104.3
CONSTRUCTION EQUIPMENT	100.0	92.4	98.3	94.1	101.3	97.9	92.8	84.0	106.6	105.1
CONCRETE PLACEMENT	100.0	97.6	107.9	106.0	107.9	115.3	96.9	76.3	115.3	109.5
FORMWORK	100.0	93.5	99.1	94.5	81.4	98.3	85.3	64.4	109.9	93.6
REPAIRS	100.0	93.8	90.0	107.9	90.7	89.8	93.8	76.9	111.7	109.5
STRUCTURAL STEEL	100.0	111.5	95.0	100.8	84.1	82.6	92.6	89.3	114.3	112.5
MASONRY	100.0	96.2	96.5	109.5	90.3	102.3	91.9	63.3	113.6	104.1
CARPENTRY	100.0	93.8	109.3	91.6	96.0	103.3	93.6	73.5	102.3	93.2
PREF CAST CONCRETE	100.0	95.7	109.1	116.9	114.0	116.7	105.1	90.2	112.9	109.6
MISC. METAL WORK	100.0	101.4	100.6	103.6	105.5	106.2	123.7	93.2	100.8	99.7
WINDOWS/CURTAIN WALLS	100.0	99.3	97.3	102.2	104.0	105.2	135.6	89.4	100.1	97.6
GLASS AND GLAZING	100.0	84.1	110.9	81.6	72.9	91.1	87.6	82.5	89.5	80.1
ROOFING	100.0	73.0	89.8	86.5	74.4	87.5	75.5	54.1	91.2	82.3
INSULATION	100.0	97.1	100.1	112.9	101.3	100.7	94.8	80.0	113.4	113.4
PLASTER WORK	100.0	100.3	96.6	104.1	86.3	103.9	94.6	73.7	104.2	103.0
DRY WALL WORK	100.0	87.4	95.2	93.5	80.3	92.9	84.3	72.5	105.9	90.2
RESILIENT FLOORING	100.0	90.6	90.7	91.9	74.5	90.4	82.7	64.8	111.9	92.0
CERAMIC/QUARRY TILE	100.0	92.9	98.3	109.0	91.8	113.9	95.9	70.8	108.9	101.3
HOLLOW METAL WORK	100.0	98.6	97.9	90.4	90.9	97.8	92.6	82.3	107.0	98.4
ACOURTICAL TREATMENT	100.0	98.3	101.0	107.3	90.4	100.4	93.3	77.8	110.6	98.0
PAINTING AND FINISHES	100.0	92.3	96.7	93.8	54.6	93.7	80.9	50.7	116.6	105.0
EQUIPMENT	100.0	103.4	110.3	104.5	105.8	108.1	106.9	89.4	103.6	100.6
CONVEYING SYSTEMS	100.0	99.2	99.4	100.7	100.7	98.8	95.7	94.6	104.9	104.1
PIPING	100.0	110.9	98.5	111.0	93.0	97.9	94.1	86.3	114.4	112.7
PLUMBING FIXTURES	100.0	102.7	95.8	102.9	84.9	95.6	94.9	78.9	110.2	106.4
HVAC EQUIPMENT	100.0	100.4	99.1	100.4	97.7	99.3	99.2	96.8	101.5	101.0
AIR DISTRIBUTION	100.0	87.1	84.1	85.3	69.9	90.9	84.4	61.7	100.2	96.1
WIRING	100.0	103.0	95.8	95.9	85.7	95.7	93.7	78.3	99.8	98.3
ELECTRICAL EQUIPMENT	100.0	100.1	99.8	99.8	99.3	99.8	99.7	98.9	100.0	99.9
LIGHTING	100.0	101.3	98.1	98.2	93.6	98.1	97.2	90.3	99.9	99.2

122-CITY GEOGRAPHICAL ADJUSTMENT INDEX (CON'T.)

	RICHMOND, VA	ROANOKE, VA	SACRAMENTO, CA	SALT LAKE CITY, UT	SAN ANTONIO, TX	SAN DIEGO, CA	SAN FRANCISCO, CA	SAN JUAN, PUERTO RICO	SAVANNAH, GA	SCRANTON, PA
COMPOSITE	85.6	84.5	107.2	95.1	86.5	102.2	109.1	73.5	85.1	95.0
SIFF WORK/EXCAVATION	83.6	88.0	108.3	100.6	80.0	101.0	108.3	75.4	81.7	97.0
ASPHALT PAVING	88.4	92.5	97.7	95.0	86.1	90.6	97.7	80.1	83.7	99.0
LANDSCAPING	77.9	79.4	113.3	99.9	84.8	109.3	113.3	67.9	70.7	86.7
CONSTRUCTION EQUIPMENT	86.1	92.0	106.6	102.5	81.1	98.9	106.6	78.0	86.9	98.0
CONCRETE PLACEMENT	99.5	100.2	115.3	100.1	88.1	101.0	115.3	76.9	77.3	97.7
FORMWORK	73.9	73.5	109.9	90.8	77.4	99.1	109.9	54.0	67.3	89.6
REBARS	75.5	76.1	111.7	94.6	73.9	100.8	111.7	60.3	83.5	103.0
STRUCTURAL STEEL	83.4	85.1	114.5	95.7	87.5	117.4	114.3	71.7	87.0	101.5
MASONRY	79.5	75.7	113.6	94.0	88.9	96.4	116.9	58.4	71.2	91.3
CARPENTRY	89.9	88.6	102.3	96.3	88.0	95.3	102.3	69.5	76.0	92.7
PRE CAST CONCRETE	91.3	93.4	112.9	110.0	93.6	99.8	112.9	88.2	88.9	98.3
MISC. METAL WORK	97.2	97.1	100.8	124.0	94.3	102.2	100.8	94.0	94.0	99.5
WINDOWS/CURTAIN WALLS	92.6	92.8	100.1	137.0	88.2	101.7	100.1	91.2	91.5	99.1
GLASS AND GLAZING	90.9	84.0	89.5	84.9	75.5	88.3	95.4	75.4	86.3	94.9
ROOFING	56.4	58.4	91.2	73.2	56.3	82.2	91.9	44.7	59.7	82.1
INSULATION	78.7	75.6	113.4	101.8	89.5	102.0	113.4	59.4	78.4	85.2
PLASTER WORK	83.8	76.6	104.2	94.2	87.9	103.9	118.4	60.2	67.2	94.8
DRY WALL WORK	77.2	74.9	105.9	89.0	71.7	90.1	105.9	61.0	76.9	87.3
RESILIENT FLOORING	71.8	68.9	111.9	88.6	71.8	94.0	111.9	54.2	71.3	84.0
CERAMIC/QUARRY TILE	72.9	74.2	108.9	86.4	83.4	96.2	108.9	59.7	60.2	98.1
HOLLOW METAL WORK	88.4	87.2	107.0	95.1	89.0	100.1	107.0	79.2	84.7	93.2
ACOUSTICAL TREATMENT	81.5	79.7	110.6	97.0	88.9	100.4	110.6	70.9	81.2	89.9
PAINTING AND FINISHES	64.6	64.5	116.6	83.8	73.2	114.2	119.5	44.9	65.0	84.4
EQUIPMENT	94.8	94.4	103.6	107.8	101.3	104.2	103.6	91.1	90.5	97.8
CONVEYING SYSTEMS	92.4	95.6	104.9	101.0	95.9	102.7	104.9	94.2	96.2	99.3
PIPING	93.3	91.6	114.4	95.7	91.2	114.9	117.7	83.4	90.4	98.2
PLUMBING FIXTURES	85.5	81.8	110.2	89.8	89.5	111.3	117.3	67.3	87.6	96.2
HVAC EQUIPMENT	97.8	97.3	101.5	98.5	98.4	101.7	102.6	99.3	98.1	99.4
AIR DISTRIBUTION	70.2	65.7	100.2	82.3	76.4	97.6	103.5	46.0	67.1	78.9
WIRING	87.0	80.6	99.8	95.5	80.8	100.5	110.7	71.0	86.0	94.0
ELECTRICAL EQUIPMENT	99.4	99.0	100.0	99.8	99.4	100.0	100.5	105.4	99.3	99.7
LIGHTING	94.2	91.3	99.9	98.0	95.0	100.2	104.8	90.2	93.8	97.7

122-CITY GEOGRAPHICAL ADJUSTMENT INDEX (CON'T.)

	SEATTLE, WA	SHREVEPORT, LA	STOUK FALLS, SD	SOUTH BEND, IN	SPokane, WA	SPRINGFIELD, MO	SPRINGFIELD, MA	SPRINGFIELD, IL	ST. LOUIS, MO	SYRACUSE, NY
COMPOSITE	100.1	85.9	89.0	94.2	98.7	91.2	97.2	91.4	94.6	97.9
SITE WORK/EXCAVATION	100.4	77.4	94.5	97.3	96.8	89.4	96.7	100.6	97.4	99.4
ASPHALT PAVING	94.0	85.5	96.3	97.0	92.2	89.9	104.7	98.2	102.3	102.2
LANDSCAPING	104.3	81.6	95.5	96.8	100.2	94.6	102.4	105.4	104.0	106.3
CONSTRUCTION EQUIPMENT	96.4	80.5	97.9	100.8	94.4	87.7	96.5	99.6	94.8	99.1
CONCRETE PLACEMENT	105.5	86.5	91.4	104.9	103.8	99.5	114.8	107.1	97.2	102.8
FORMWORK	91.7	77.9	84.5	90.0	89.9	89.5	95.5	94.9	91.5	101.4
REPAIRS	108.5	76.1	73.0	89.5	108.5	85.9	101.1	88.0	87.4	90.8
STRUCTURAL STEEL	100.7	88.7	85.6	99.1	100.1	93.4	88.9	87.8	93.8	94.2
MASONRY	106.5	86.0	90.3	89.1	104.5	90.6	101.6	82.3	94.6	93.5
CARPENTRY	89.8	89.0	97.9	98.8	89.7	102.4	102.2	99.2	85.7	106.7
PRE CAST CONCRETE	116.9	92.1	91.3	107.0	114.9	94.8	115.8	109.4	94.2	109.5
MISC. METAL WORK	103.4	94.6	101.7	95.2	103.4	101.5	107.0	94.2	98.6	97.8
WINDOWS/CURTAIN WALLS	101.8	88.8	97.1	88.4	101.6	100.9	107.3	88.1	96.5	92.8
GLASS AND GLAZING	76.4	77.5	81.4	88.7	73.3	104.4	92.4	90.3	118.5	90.0
ROOFING	80.6	65.1	71.9	82.1	77.6	70.5	88.4	90.6	85.1	89.6
INSULATION	112.7	88.2	87.1	96.8	111.8	78.3	96.8	86.3	95.5	109.2
PLASTER WORK	99.5	85.4	87.8	93.0	94.4	82.5	96.6	97.0	98.3	98.4
DRY WALL WORK	90.3	73.4	84.0	92.4	90.1	85.4	91.1	91.2	84.3	93.5
RESILIENT FLOORING	87.9	73.9	76.7	86.7	87.7	81.4	88.1	87.7	87.1	92.6
CERAMIC/HARRY TILE	104.7	76.8	93.3	94.5	100.7	97.6	102.4	89.3	97.6	99.1
HOLLOW METAL WORK	96.7	89.9	91.9	96.2	96.6	92.0	96.8	96.6	94.5	98.7
ACOUSTICAL TREATMENT	104.7	90.2	85.2	91.5	104.6	86.0	98.4	92.1	91.9	107.7
PAINTING AND FINISHES	91.7	77.2	68.0	85.8	96.6	73.7	89.9	81.9	95.0	95.0
EQUIPMENT	103.0	101.7	100.7	105.6	102.9	99.1	108.2	105.7	94.8	102.0
CONVEYING SYSTEMS	99.7	95.5	95.8	98.7	98.6	95.6	98.1	98.1	98.8	99.8
PIPING	112.2	89.2	93.0	97.0	109.6	93.9	97.5	96.4	99.0	97.9
PLUMBING FIXTURES	105.5	85.1	83.8	92.5	99.7	85.9	94.6	91.3	96.8	94.5
HVAC EQUIPMENT	100.8	97.8	97.6	98.9	100.0	97.9	98.9	98.7	100.4	99.2
AIR DISTRIBUTION	91.4	72.7	72.6	85.4	92.1	70.6	82.0	78.7	87.6	89.6
WIRING	97.2	87.2	90.9	92.2	95.4	89.2	90.6	87.2	95.8	98.1
ELECTRICAL EQUIPMENT	99.9	99.4	99.5	99.6	99.8	99.5	99.5	99.4	99.8	99.9
LIGHTING	98.7	94.3	95.9	96.5	97.9	95.2	95.8	94.3	98.1	99.1

122-CITY GEOGRAPHICAL ADJUSTMENT INDEX (CON'T.)

	TALLAHASSEE, FL	TAMPA, FL	TOLEDO, OH	TOPEKA, KS	TRENTON, NJ	TULSA, OK	TUSCON, AZ	WASHINGTON, DC	WESTCHESTER COUNTY, NY	WICHITA, KS
COMPOSITE	81.6	89.0	101.7	93.0	99.0	92.3	98.0	95.0	104.0	91.6
SITE WORK/EXCAVATION	77.4	85.8	101.4	93.2	103.9	90.8	93.1	96.6	109.7	90.9
ASPHALT PAVING	79.8	87.6	103.6	93.5	102.9	89.2	85.6	100.0	103.7	92.9
LANDSCAPING	71.9	79.9	111.0	95.0	98.2	94.7	101.2	92.9	106.8	91.2
CONSTRUCTION EQUIPMENT	79.4	89.0	99.2	93.9	106.5	92.8	92.4	98.6	112.6	93.6
CONCRETE PLACEMENT	78.3	85.1	110.7	101.2	98.4	98.2	96.7	112.6	109.1	100.0
FORMWORK	62.7	78.9	109.5	87.9	95.9	83.3	92.7	91.8	100.7	87.9
REBARS	83.1	92.4	97.6	85.9	102.9	88.9	93.4	89.2	129.5	75.4
STRUCTURAL STEEL	84.7	92.8	98.2	95.1	103.5	89.7	111.5	92.5	114.9	88.8
MASONRY	72.7	81.3	100.3	89.6	94.0	89.2	96.2	90.0	98.4	93.2
CARPENTRY	72.2	79.8	110.5	100.6	97.9	91.7	93.8	97.0	101.9	101.6
PRE CAST CONCRETE	87.1	91.7	110.6	96.6	101.6	105.0	95.5	98.7	119.6	95.1
MISC. METAL WORK	93.6	95.2	98.8	101.3	100.0	123.1	101.4	98.8	103.6	100.5
WINDOWS/CURTAIN WALLS	90.1	94.4	95.1	100.9	100.6	134.1	99.3	97.0	105.1	98.8
GLASS AND GLAZING	86.8	89.2	93.5	101.7	101.0	82.8	81.5	106.5	121.2	99.9
ROOFING	73.8	73.8	92.3	84.2	92.1	75.5	63.8	80.1	96.2	75.3
INSULATION	83.5	86.1	112.5	89.9	91.3	92.8	96.7	87.8	104.6	83.4
PLASTER WORK	72.6	91.2	107.1	86.5	101.3	91.3	91.7	97.9	111.4	83.0
DRY WALL WORK	70.3	83.5	100.0	82.2	96.4	81.0	87.4	89.4	96.7	83.9
RESILIENT FLOORING	62.9	79.6	100.8	77.3	95.5	78.5	98.6	87.2	98.8	79.5
CERAMIC/QUARRY TILE	76.0	89.7	107.5	87.0	103.7	84.4	102.5	100.9	111.3	87.0
HOLLOW METAL WORK	81.1	88.2	102.2	90.3	98.1	90.8	98.6	98.0	101.4	91.2
ACOUSTICAL TREATMENT	76.0	86.5	112.9	83.5	97.1	90.6	98.3	91.2	99.2	84.8
PAINTING AND FINISHES	49.9	79.0	99.2	92.1	89.3	84.5	85.8	94.0	90.6	80.8
EQUIPMENT	89.3	92.1	109.5	98.5	99.5	106.0	103.4	97.5	104.1	98.4
CONVEYING SYSTEMS	92.1	97.3	99.9	98.9	103.6	95.7	99.2	98.2	106.9	98.8
PIPING	87.5	92.9	100.3	96.8	99.8	95.8	110.9	97.7	98.7	97.1
PLUMBING FIXTURES	81.5	93.2	99.7	92.1	99.5	90.0	102.7	95.1	97.3	92.8
HVAC EQUIPMENT	97.2	99.0	100.0	98.8	99.9	98.5	100.4	98.3	99.5	98.9
AIR DISTRIBUTION	77.2	75.1	91.2	81.6	89.4	78.3	90.0	83.2	98.6	82.7
WIRING	82.8	91.2	104.2	92.9	101.4	90.6	101.7	97.5	99.5	89.8
ELECTRICAL EQUIPMENT	99.2	99.6	100.2	99.7	100.1	99.5	100.1	98.9	100.0	99.5
LIGHTING	92.3	96.1	101.9	96.8	100.6	95.8	100.8	98.9	99.8	95.4

122-CITY GEOGRAPHICAL ADJUSTMENT INDEX (CONT.)

	WILMINGTON, DE	WINSTON-SALEM, NC	YAKIMA, WA
COMPOSITE	96.6	79.8	99.1
SITE WORK/EXCAVATION	99.2	83.5	99.8
ASPHALT PAVING	99.5	82.2	93.3
LANDSCAPING	94.6	75.3	102.1
CONSTRUCTION EQUIPMENT	98.8	84.0	96.4
CONCRETE PLACEMENT	110.3	76.3	103.6
FORMWORK	94.3	64.4	90.0
REPAIRS	92.3	78.8	108.5
STRUCTURAL STEEL	96.2	83.4	100.7
MASONRY	89.1	63.3	102.5
CARPENTRY	98.3	73.5	89.8
PRE CAST CONCRETE	100.0	90.2	116.5
MISC. METAL WORK	99.4	93.3	103.4
WINDOWS/CURTAIN WALLS	98.7	89.8	101.8
GLASS AND GLAZING	107.6	82.5	67.1
ROOFING	97.0	54.1	79.1
INSULATION	92.2	80.0	112.7
PLASTER WORK	92.4	75.1	93.9
DRY WALL WORK	91.8	72.5	90.3
RESILIENT FLOORING	90.2	65.8	87.9
CERAMIC/QUARRY TILE	100.7	70.8	90.5
HOLLOW METAL WORK	96.3	82.3	96.7
ACQUITTICAL TREATMENT	93.1	77.8	104.7
PAINTING AND FINISHES	86.1	54.6	96.6
EQUIPMENT	98.2	89.5	103.0
CONVEYING SYSTEMS	99.3	94.6	99.7
PIPING	99.2	86.3	112.4
PLUMBING FIXTURES	98.3	78.9	105.8
HVAC EQUIPMENT	99.8	96.8	100.9
AIR DISTRIBUTION	83.6	63.7	92.7
WIRING	97.2	76.8	91.0
ELECTRICAL EQUIPMENT	99.9	98.9	99.6
LIGHTING	98.7	89.6	96.0

		01000 GENERAL CONDITIONS		
UCI	DESCRIPTION	UNIT	TOTAL	LAVOR MATERIAL

01000 GENERAL CONDITIONS

COMPRISING THE ELEMENTS OF SERVICES NECESSARY TO COORDINATE & CONTROL A PROJECT TO BE BUILT UNDER CONTRACT REQUIREMENTS. THE ELEMENTS ARE AS FOLLOWS:

.0100	COORDINATION & SUPERVISION				
.0200	INSPECTION & TESTS				
.0300	PRECONSTRUCTION CONFERENCES				
.0400	PROGRESS MEETINGS				
.0500	CONSTRUCTION SCHEDULES				
.0600	NETWORK ANALYSES				
.0700	PROGRESS REPORTS				
.0800	SURVEY DATA				
.0900	SHOP DRAWINGS AND SAMPLES				
.1000	LAYOUT DATA				
.1100	SCHEDULE OF VALUES				
.1200	CONSTRUCTION PHOTOGRAPHS				
.1300	PERMITS & LICENSES				
.1400	TEMPORARY FACILITIES & CONTROLS				
.1500	TEMPORARY SERVICES				
.1600	TEMPORARY PROTECTION				
.1700	TELEPHONE & TELEGRAPH				
.1800	BLUPRINTS, STATIONERY, ETC.				
.1900	TRANSPORTATION & TRAVEL				
.2000	BONDS, INSURANCE, FRINGE EXPENSES				
.2100	SMALL TOOLS, EQUIPMENT & EXPENDABLES				
.2200	CUTTING & PATCHING				
.2300	WINTER CONDITIONS				
.2400	PROTECTION TO SITE OF CONSTRUCTION				
.2500	SPECIAL CONTROLS (ENVIRONMENTAL)				
.2600	TRAINING PROGRAM				
.2700	GROUND BREAKING CEREMONIES				
.2800	FIRE PREVENTION				
.2900	FIRST AID				
.3000	INTERVAL BURSTISH REMOVALS				
.3100	CLEANING UP				
.3200	GUARANTEES, BONDS, AFFIDAVITS				
.3300	PROJECT RECORD DRAWINGS				
.3400	OPERATION & MAINTENANCE DATA				
.3500	PUNCHLIST & FINAL INSPECTION				
01010	APPLICATION OF GENERAL CONDITIONS BASED ON THE BROADSCOPE EXPERIENCE OF ALL TYPES OF BUILDING CONSTRUCTION A MULTIPLIER OF PERCENTAGE IS RECOMMENDED, WITH AUSTERITY, EXPERIENCE AND JUDGMENT OF SUCH A PROJECT.				
			LOW	MEDIAN	HIGH
.0100	ADMINISTRATIVE & FINANCIAL OFFICE BUILDINGS	PCT	6.5	7.5	9.2
.0200	AGRICULTURAL BUILDINGS	PCT	3.5	4.8	6.5
.0300	CIVIC & EXHIBITION BUILDINGS	PCT	7.0	8.0	11.5
.0400	COMMERCIAL BUILDINGS	PCT	5.0	7.0	8.5
.0500	EDUCATIONAL & SCIENTIFIC BUILDINGS	PCT	5.0	7.0	9.0
.0600	CULTURAL BUILDINGS	PCT	7.0	8.0	11.5
.0700	GOVERNMENTAL BUILDINGS	PCT	6.5	7.5	9.2
.0800	RESIDENTIAL BUILDINGS	PCT	3.8	5.5	7.4
.0900	INDUSTRIAL BUILDINGS	PCT	4.0	5.2	6.5
.1000	MEDICAL CARE BUILDINGS	PCT	6.5	7.8	10.6
.1100	SECURITY BUILDINGS	PCT	5.2	7.2	8.5
.1200	RECREATIONAL BUILDINGS	PCT	5.0	7.0	8.0
.1300	RELIGIOUS AND FRATERNAL BUILDINGS	PCT	5.0	7.0	10.0
.1400	PARKING STRUCTURES	PCT	4.2	5.5	6.7
.1500	TERMINALS	PCT	5.5	7.5	9.2
.1600	SITE WORK, CIVIL	PCT	3.0	5.0	6.5
.1700	SITE WORK, UTILITIES	PCT	3.0	5.5	7.2

UCI	DESCRIPTION	UNIT	M/T	TOTAL	LABOR	MATERIAL
08100 METAL DOORS & FRAMES						
08101 HOLLOW METAL DOOR FRAMES						
PRICES ARE BASED ON 4 INCH PARTITION X 16 DOOR FRAME, INSTALLED.						
.8028	2 FT 0 IN X 6 FT 8 IN FRAME	EA	1,327 A	54,75	26,79	25,96
.8030	3 FT 0 IN X 6 FT 8 IN FRAME	EA	1,430 A	60,07	31,03	29,44
.8034	3 FT 4 IN X 6 FT 8 IN FRAME	EA	1,370 A	41,52	29,75	31,77
.7028	2 FT 8 IN X 7 FT 0 IN FRAME	EA	1,350 A	57,98	29,30	28,64
.7030	3 FT 0 IN X 7 FT 0 IN FRAME	EA	1,452 A	62,70	31,50	31,20
.7034	3 FT 4 IN X 7 FT 0 IN FRAME	EA	1,452 A	64,91	31,50	33,41
.7040	4 FT 0 IN X 7 FT 0 IN FRAME	EA	1,531 A	67,83	33,23	34,60
.7050	5 FT 0 IN X 7 FT 0 IN FRAME	EA	1,591 A	70,27	34,53	35,74
.7060	6 FT 0 IN X 7 FT 0 IN FRAME	EA	1,677 A	73,54	36,39	37,19
.8112	FOR 12 GA ADD/EA TO MATL COSTS	EA		7,60		7,60
.8114	FOR 14 GA ADD/EA TO MATL COSTS	EA		3,12		3,12
.8201	FOR 8 INCH PARTITION ADD/EA TO MATL COSTS	EA		3,85		3,85
.8202	FOR 8 INCH PARTITION ADD/EA TO MATL COSTS	EA		5,38		5,38
.8203	FOR SPECIAL 10 OR 12 INCH PARTITION FRAMES, ADD 30 PCT TO TOTAL COSTS	PCT				
.8304	FOR 4 INCH SIDELITE OR TRANSOM FRAME ADD/LF OF FRAMING TO TOTAL COSTS	LF	0,037 A	3,07	.81	2,26
.8306	FOR 6 INCH SIDELITE OR TRANSOM FRAME ADD/LF OF FRAMING TO TOTAL COSTS	LF	0,041 A	3,33	.89	2,44
.8308	FOR 8 INCH SIDELITE OR TRANSOM FRAME ADD/LF OF FRAMING TO TOTAL COSTS	LF	0,042 A	3,40	.91	2,49
.8400	FOR WELD ON BUTTS ADD/EA TO MATL COSTS	EA		6,81		6,81
.8501	FOR CLASS B FIRE RATING ADD/EA TO MATL COSTS	EA		10,77		10,77
.8502	FOR CLASS A FIRE RATING ADD/EA TO MATL COSTS	EA		27,79		27,79
.8503	FOR FACTORY MUTUAL RATED FRAME ADD/EA TO MATL COSTS	EA	0,002 A	3,83	.04	3,79
.8600	FOR KALAMEIN DOOR FRAMES ADD 90 PCT TO MATL COSTS	PCT				
08102 HOLLOW METAL DOORS						
PRICES ARE BASED ON THE INSTALLATION ONLY THE TEMPLATE BUTTS AND LATHRET FOR EACH LEAF, 1-3/4 INCH THICK X 18 GA DOORS,						
.8028	2 FT 0 IN X 6 FT 0 IN DOOR	EA	1,507 H	138,62	46,13	92,49
.8030	3 FT 0 IN X 6 FT 8 IN DOOR	EA	1,408 H	155,30	58,23	97,07
.8034	3 FT 4 IN X 6 FT 8 IN DOOR	EA	2,153 B	163,47	65,90	97,57
.7028	2 FT 8 IN X 7 FT 0 IN DOOR	EA	1,583 H	142,59	48,47	94,12
.7030	3 FT 0 IN X 7 FT 0 IN DOOR	EA	1,980 H	159,22	60,60	98,62
.7034	3 FT 4 IN X 7 FT 0 IN DOOR	EA	2,376 H	164,80	72,72	92,08
.7040	4 FT 0 IN X 7 FT 0 IN DOOR	EA	3,079 H	225,23	94,23	131,00
.7050	5 FT 0 IN (PAIR 2 FT 8 IN) X 7 FT 0 IN DOOR	PR	3,125 H	255,63	95,65	160,00
.7060	6 FT 0 IN (PAIR 3 FT 0 IN) X 7 FT 0 IN DOOR	PR	3,246 H	292,00	101,00	191,00
.8112	FOR 12 GA ADD/EA TO TOTAL COSTS	EA	0,324 H	36,01	4,92	26,09
.8114	FOR 14 GA ADD/EA TO TOTAL COSTS	EA	0,198 H	25,92	6,07	19,85
.8116	FOR 16 GA ADD/EA TO TOTAL COSTS	EA	0,056 H	9,65	1,74	7,91
.8501	FOR LOUVER PANEL ADD/EA TO TOTAL COSTS	EA	0,066 H	14,33	2,03	12,30
.8502	FOR LIGHT PANEL ADD/EA TO TOTAL COSTS	EA	0,045 H	9,59	1,40	8,19
.8503	FOR LIGHTHOODING ADD/EA TO TOTAL COSTS	EA	0,010 H	1,69	.33	1,36
.8504	FOR SOUNDHOODING ADD/EA TO TOTAL COSTS	EA	0,042 B	8,10	1,29	6,81
.8505	FOR CLASS B FIRE RATING ADD/EA TO MATL COSTS	EA		27,79		27,79
.8506	FOR CLASS A FIRE RATING ADD/EA TO MATL COSTS	EA		153,00		153,00
.8507	FOR CLASS B FIRE RATING PLUS UL LABELING ADD/EA TO MATL COSTS	EA		34,60		34,60
.8508	FOR CLASS A FIRE RATING PLUS UL LABELING ADD/EA TO MATL COSTS	EA		159,00		159,00
.8509	FOR FACTORY MUTUAL RATED DOOR ADD/EA TO MATL COSTS	EA		9,64		9,64
.8600	FOR KALAMEIN DOORS ADD 35 PCT TO MATL COSTS	PCT				
.8711	FOR 1-3/8 INCH THICK DOORS DEDUCT/EA FROM TOTAL COSTS	EA	0,053 H	9,65	1,63	8,02
.8716	FOR 2 INCH THICK DOORS ADD/EA TO TOTAL COSTS	EA	0,105 H	16,33	3,21	13,12
.9012	TRANSOM PANEL 12 GA	SF	0,066 H	14,75	2,03	12,72
.9014	TRANSOM PANEL 14 GA	SF	0,066 H	14,11	2,03	12,08
.9016	TRANSOM PANEL 16 GA	SF	0,060 H	13,42	1,85	11,57
.9018	TRANSOM PANEL 18 GA	SF	0,060 H	12,75	1,65	11,10

UCI	DESCRIPTION	UNIT	R/T	TOTAL	LABOR	MATERIAL
08110	HOLLOW METAL DOORS & FRAMES CONSTRUCTED OF 1-3/4 IN X 14 GA HOLLOW MET FRAMING SYSTEM, W/PUSH-PULL HANDLE, BUTTS PIVOT HINGES & FLUSH BOLTS, ADD FOR OTHER ACCESSORIES AND DOOR GLAZING, FOR SIDELITE & TRANSOM FRAMING CONSULT UCI 08400 ENTRANCES & STOREFRONTS.					
08111	NARROW STYLE DOOR & FRAME PRICES ARE BASED ON PREFINISHED DOOR & FRA AS A UNIT.					
.7226	2 FT 6 IN X 7 FT 2 IN UNIT	EA	2,325 D	351.00	113.00	238.00
.7230	3 FT 0 IN X 7 FT 2 IN UNIT	EA	2,392 D	413.00	116.00	297.00
.7236	3 FT 6 IN X 7 FT 2 IN UNIT	EA	2,617 D	543.00	127.00	416.00
.7250	5 FT 0 IN (PAIR 2 FT 6 IN) X 7 FT 2 IN UNIT	PR	4,689 D	665.00	227.00	438.00
.7260	6 FT 0 IN (PAIR 3 FT 0 IN) X 7 FT 2 IN UNIT	PR	4,026 D	600.00	234.00	366.00
.7270	7 FT 0 IN (PAIR 3 FT 6 IN) X 7 FT 2 IN UNIT	PR	5,285 D	1012.00	250.00	752.00
.8400	SOLID PANEL TRANSOM OR SIDELITE (MM)	SP	0,038 D	13.44	1.87	11.57
08112	MEDIUM STYLE DOOR & FRAME PRICES ARE BASED ON PREFINISHED DOOR & FRA AS A UNIT.					
.7226	2 FT 6 IN X 7 FT 2 IN UNIT	EA	2,392 D	412.00	116.00	296.00
.7230	3 FT 0 IN X 7 FT 2 IN UNIT	EA	2,537 D	525.00	123.00	402.00
.7236	3 FT 6 IN X 7 FT 2 IN UNIT	EA	2,789 D	582.00	135.00	447.00
.7250	5 FT 0 IN (PAIR 2 FT 6 IN) X 7 FT 2 IN UNIT	PR	4,869 D	770.00	230.00	534.00
.7260	6 FT 0 IN (PAIR 3 FT 0 IN) X 7 FT 2 IN UNIT	PR	5,082 D	895.00	246.00	649.00
.7270	7 FT 0 IN (PAIR 3 FT 6 IN) X 7 FT 2 IN UNIT	PR	5,618 D	1096.00	272.00	824.00
.8400	SOLID PANEL TRANSOM OR SIDELITE (MM)	SP	0,038 D	13.44	1.87	11.57
08120	ALUMINUM DOORS & FRAMES CONSTRUCTED OF 1-3/4 IN I BEAM FRAMING SYSTEM X 0.125 IN THICK ALUMINUM, W/PUSH- PULL HANDLE, BUTTS OR PIVOT HINGES & FLUSH BOLTS, ADD FOR OTHER ACCESSORIES AND DOOR GLAZING, FOR SIDELITE & TRANSOM FRAMING CONSULT UCI 08400 ENTRANCES & STOREFRONTS.					
08121	NARROW STYLE DOOR & FRAME PRICES ARE BASED ON 204-A1-R1 FINISHED ALUMINUM DOOR & FRAME AS A UNIT.					
.7226	2 FT 6 IN X 7 FT 1-3/4 IN UNIT	EA	3,002 E	526.00	150.00	376.00
.7230	3 FT 0 IN X 7 FT 1-3/4 IN UNIT	EA	3,037 E	630.00	161.00	469.00
.7236	3 FT 6 IN X 7 FT 1-3/4 IN UNIT	EA	3,184 E	782.00	168.00	614.00
.7250	5 FT 0 IN (PAIR 2 FT 6 IN) X 7 FT 2 IN UNIT	PR	6,260 E	813.00	329.00	504.00
.7260	6 FT 0 IN (PAIR 3 FT 0 IN) X 7 FT 2 IN UNIT	PR	6,369 E	1053.00	330.00	713.00
.7270	7 FT 0 IN (PAIR 3 FT 6 IN) X 7 FT 2 IN UNIT	PR	6,550 E	1273.00	345.00	928.00
08122	WIDE STYLE DOOR & FRAME PRICES ARE BASED ON 204-A1-R1 FINISHED ALUMINUM DOOR & FRAME AS A UNIT.					
.7226	2 FT 6 IN X 7 FT 1-3/4 IN UNIT	EA	3,057 E	636.00	161.00	475.00
.7230	3 FT 0 IN X 7 FT 1-3/4 IN UNIT	EA	3,184 E	782.00	168.00	614.00
.7236	3 FT 6 IN X 7 FT 1-3/4 IN UNIT	EA	3,348 E	856.00	176.00	680.00
.7250	5 FT 0 IN (PAIR 2 FT 6 IN) X 7 FT 2 IN UNIT	PR	6,387 E	942.00	336.00	606.00
.7260	6 FT 0 IN (PAIR 3 FT 0 IN) X 7 FT 2 IN UNIT	PR	6,605 E	1161.00	347.00	814.00
.7270	7 FT 0 IN (PAIR 3 FT 6 IN) X 7 FT 2 IN UNIT	PR	7,096 E	1378.00	373.00	1005.00
08123	SOLID PANEL DOOR & FRAME PRICES ARE BASED ON 204-A1-R1 FINISHED ALUMINUM DOOR & FRAME AS A UNIT.					
.7030	3 FT 0 IN X 7 FT 0 IN UNIT	EA	3,218 E	672.00	169.00	503.00
.7036	3 FT 6 IN X 7 FT 0 IN UNIT	EA	3,388 E	924.00	170.00	754.00
.7060	6 FT 0 IN (PR 3 FT 0 IN) X 7 FT 0 IN UNIT	PR	6,685 E	1246.00	351.00	895.00
.7070	7 FT 0 IN (PR 3 FT 6 IN) X 7 FT 0 IN UNIT	PR	7,194 E	1439.00	376.00	1063.00
08125	ADDITIVE COSTS TO ALUMINUM DOORS & FRAMES					
.8101	FOR ANODIZING FINISH ADD 15 PCT TO MATL COSTS	PCT				
.8102	FOR UNANODIC FINISH ADD 25 PCT TO MATL COSTS	PCT				
.8255	FOR 2-3/4 X 5-1/2 IN FRAMING SYSTEM ADD 10 PCT TO TOTAL COSTS	PCT				

UCI	DESCRIPTION	UNIT	M/T	TOTAL	LABOR	MATERIAL
08125	ADDITIVE COSTS TO ALUMINUM DOORS & FRAMES	CONTINUED				
.8260	FOR 2-1/2 X 6 IN FRAMING SYSTEM ADD 12 PCT TO TOTAL COSTS	PCT				
.8300	FOR SWING BALANCED TWO WAY DOORS ADD/EACH LEAF TO TOTAL COSTS	EA	0.426 E	132.94	32.97	99.97
.8400	SOLID PANEL TRANOM OR SIDELITE (ALUM)	SF	0.072 E	14.71	3.62	10.89
08130	STAINLESS STEEL DOORS & FRAMES CONSTRUCTED OF 3 IN X 6 IN FRAMING SYSTEM 0.06 IN THICK BUSHED TYPE 304 STAINLESS STEEL, W/ PUSH-PULL HANDLE, STEEL TUBE HINGES & FLUSH BOLTS, ADD FOR OTHER ACC- ESSORIES AND DOOR GLAZING, FOR SIDELITE & TRANOM FRAMING CONSULT UCI 08400 ENTRANCE & STONEFRONTS					
08131	MEDIAN STYLE DOOR & FRAME PRICES ARE BASED ON DOOR & FRAME AS A UNIT					
.7226	2 FT 6 IN X 7 FT 2 IN UNIT	EA	3.711 E	863.00	195.00	668.00
.7430	3 FT 0 IN X 7 FT 2 IN UNIT	EA	3.798 E	995.00	200.00	795.00
.7236	3 FT 6 IN X 7 FT 2 IN UNIT	EA	3.945 E	1102.00	206.00	896.00
.7250	5 FT 0 IN (PAIR 2 FT 6 IN) X 7 FT 2 IN UNIT	PR	7.206 E	1660.00	379.00	1281.00
.7260	6 FT 0 IN (PAIR 3 FT 0 IN) X 7 FT 2 IN UNIT	PR	7.417 E	1677.00	390.00	1487.00
.7270	7 FT 0 IN (PAIR 3 FT 6 IN) X 7 FT 2 IN UNIT	PR	7.692 E	2095.00	415.00	1680.00
.8103	FOR FINISHED COATING ADD 5 PCT TO MATL COSTS	PCT				
.8300	FOR SWING BALANCED TWO WAY DOORS ADD/EACH LEAF TO TOTAL COSTS	EA	0.907 E	172.73	47.73	124.00
.8400	SOLID PANEL TRANOM OR SIDELITE (S/S)	SF	0.376 E	44.64	19.79	24.85
08132	SOLID PANEL DOOR & FRAME PRICES ARE BASED ON DOOR & FRAME AS A UNIT					
.7030	3 FT 0 IN X 7 FT 0 IN UNIT	EA	4.210 E	1293.00	221.00	1072.00
.7036	3 FT 6 IN X 7 FT 0 IN UNIT	EA	4.392 E	1447.00	231.00	1206.00
.7060	6 FT 0 IN (PR 3 FT 0 IN) X 7 FT 0 IN UNIT	PR	4.225 E	2510.00	433.00	2077.00
.7070	7 FT 0 IN (PR 3 FT 6 IN) X 7 FT 0 IN UNIT	PR	4.565 E	2790.00	451.00	2339.00
08140	BRONZE DOORS & FRAMES CONSTRUCTED OF 3 IN X 6 IN FRAMING SYSTEM 0.06 IN THICK SATIN & LACQUERED FINISH, W/ PUSH-PULL HANDLE, SOLID BRONZE TUBE HINGES FLUSH BOLTS, ADD FOR OTHER ACCESSORIES AND DOOR GLAZING, FOR SIDELITE & TRANOM FRAMING CONSULT UCI 08400 ENTRANCES & STONEFRONTS.					
08141	MEDIAN STYLE DOOR & FRAME					
.7226	2 FT 6 IN X 7 FT 2 IN UNIT	EA	3.150 E	1527.00	186.00	1341.00
.7230	3 FT 0 IN X 7 FT 2 IN UNIT	EA	3.354 E	1619.00	176.00	1443.00
.7236	3 FT 6 IN X 7 FT 2 IN UNIT	EA	3.548 E	2044.00	167.00	1877.00
.7250	5 FT 0 IN (PAIR 2 FT 6 IN) X 7 FT 2 IN UNIT	PR	6.108 E	2959.00	321.00	2638.00
.7260	6 FT 0 IN (PAIR 3 FT 0 IN) X 7 FT 2 IN UNIT	PR	6.405 E	3447.00	337.00	3110.00
.7270	7 FT 0 IN (PAIR 3 FT 6 IN) X 7 FT 2 IN UNIT	PR	6.722 E	3933.00	354.00	3579.00
.8103	FOR FINISHED COATING ADD 7 PCT TO MATL COSTS	PCT				
.8300	FOR SWING BALANCED TWO WAY DOORS ADD/EACH LEAF TO TOTAL COSTS	EA	0.788 E	224.50	41.50	183.00
.8400	SOLID PANEL TRANOM OR SIDELITE (BRONZE)	SF	0.241 E	59.02	12.76	46.24
08200	WOOD & PLASTIC DOORS (AND FRAMES) THE FOLLOWING PRICES INCLUDE INSTALLATION OF FINISHED HARDWARE SET OF THREE HINGES & LATCH OR LOCKSET ONLY.					
08201	EXTERIOR WOOD DOOR FRAMES					
.7030	PINE W/ SILL 3 FT X 7 FT OPENING	EA	1.066 C	89.47	31.09	58.38
.7060	PINE W/ SILL 6 FT X 7 FT OPENING	EA	1.352 C	141.36	39.36	102.00
08202	INTERIOR WOOD DOOR FRAMES					
.7030	CLEAR PINE 3 FT X 7 FT OPENING	EA	0.965 C	57.27	28.09	29.18
.7060	CLEAR PINE 6 FT X 7 FT OPENING	EA	1.214 C	86.53	37.45	49.08

UCI	DESCRIPTION	UNIT	H/T	TOTAL	LABOR	MATERIAL
08203	PREFABRICATED (STOCK SIZED) WOOD DOOR FRAMES (CLEAN PINE, 1-3/4 X 5-3/8 IN FRAME W/ CASI AND THIN.					
.0820	2 FT 4 IN X 6 FT 8 IN FRAME	EA	0,336 C	29,78	9,78	20,00
.0820	2 FT 6 IN X 6 FT 8 IN FRAME	EA	0,342 C	30,52	9,97	20,55
.0820	2 FT 8 IN X 6 FT 8 IN FRAME	EA	0,363 C	31,40	10,56	20,84
.0829	2 FT 10 IN X 6 FT 8 IN FRAME	EA	0,379 C	32,30	11,05	21,25
.0830	3 FT 0 IN X 6 FT 8 IN FRAME	EA	0,395 C	33,20	11,51	21,69
.0830	3 FT 2 IN X 6 FT 8 IN FRAME	EA	0,415 C	34,03	12,07	21,96
.0840	4 FT 0 IN X 6 FT 8 IN FRAME	EA	0,457 C	37,04	13,31	23,73
.0850	5 FT 0 IN X 6 FT 8 IN FRAME	EA	0,499 C	40,03	14,54	25,49
.0860	6 FT 0 IN X 6 FT 8 IN FRAME	EA	0,594 C	43,94	17,29	26,65
08209	ADDITIVE COSTS TO WOOD DOOR FRAMES					
.0101	FOR OAK ADD 50 PCT TO TOTAL COSTS	PCT				
.0102	FOR HINCH ADD 35 PCT TO TOTAL COSTS	PCT				
.0104	FOR LILAN ADD 30 PCT TO TOTAL COSTS	PCT				
.0104	FOR HANNGANY ADD 40 PCT TO TOTAL COSTS	PCT				
08211	EXTERIOR SOLID CORE HINCH DOORS					
.0110	STANDARD 1-3/4 IN THICK 3 FT X 7 FT	EA	3,003 C	221,39	87,39	134,00
.0110	STANDARD 2-1/4 IN THICK 3 FT X 7 FT	EA	3,003 C	240,39	87,39	153,00
.0210	OAK FACED 1-3/4 IN THICK 3 FT X 7 FT	EA	3,003 C	227,39	87,39	140,00
.0310	NALMUT FACED 1-3/4 IN THICK 3 FT X 7 FT	EA	3,003 C	250,39	87,39	163,00
.1110	FIREWATED C LABEL 1-3/4 IN THICK 3 FT X 7 FT	EA	3,003 C	246,39	87,39	159,00
.1210	FIREWATED B LABEL 1-3/4 IN THICK 3 FT X 7 FT	EA	3,003 C	313,39	87,39	226,00
08212	EXTERIOR HOLLOW CORE HINCH DOORS					
.7020	STANDARD 2 FT 4 IN X 7 FT 0 IN	EA	2,488 C	160,19	72,43	87,76
.7030	STANDARD 3 FT 0 IN X 7 FT 0 IN	EA	2,606 C	177,84	75,84	102,00
.7040	STANDARD 4 FT 0 IN X 7 FT 0 IN	EA	2,805 C	211,69	81,65	130,00
08215	INTERIOR SOLID CORE HINCH DOORS NOTARY NATURAL HINCH VENEER/STAVED CORE.					
.1120	STANDARD 1-3/8 IN THICK X 2 FT 8 IN X 7 FT	EA	1,796 C	107,40	52,20	55,20
.1130	STANDARD 1-3/8 IN THICK X 3 FT 0 IN X 7 FT	EA	1,796 C	107,73	52,20	55,53
.1134	STANDARD 1-3/8 IN THICK X 3 FT 4 IN X 7 FT	EA	1,910 C	114,09	55,59	58,50
.1420	STANDARD 1-3/4 IN THICK X 2 FT 8 IN X 7 FT	EA	2,314 C	125,35	67,36	57,99
.1430	STANDARD 1-3/4 IN THICK X 3 FT 0 IN X 7 FT	EA	2,314 C	125,74	67,36	58,38
.1436	STANDARD 1-3/4 IN THICK X 3 FT 6 IN X 7 FT	EA	2,439 C	138,13	70,99	67,14
.1440	STANDARD 1-3/4 IN THICK X 4 FT 0 IN X 7 FT	EA	2,550 C	157,23	74,22	83,01
.1430	STANDARD 2-1/4 IN THICK X 3 FT 0 IN X 7 FT	EA	2,314 C	143,65	67,36	76,29
.1836	STANDARD 2-1/4 IN THICK X 3 FT 6 IN X 7 FT	EA	2,474 C	169,60	72,00	97,60
.1840	STANDARD 2-1/4 IN THICK X 4 FT 0 IN X 7 FT	EA	2,585 C	188,24	75,24	113,00
.0101	FOR FIREWATED C LABEL ADD/EA TO MATL COSTS	EA		7,61		7,61
.0102	FOR FIREWATED H LABEL ADD/EA TO MATL COSTS	EA		12,05		12,05
.0103	FOR FIREWATED A LABEL ADD/EA TO MATL COSTS	EA		27,60		27,60
.0236	FOR SOUNDPROOF STC 36 ADD/EA TO MATL COSTS	EA		7,105,00		-105,00
.0242	FOR SOUNDPROOF STC 42 ADD/EA TO MATL COSTS	EA		7,121,00		121,00
.0251	FOR SOUNDPROOF STC 51 ADD/EA TO MATL COSTS	EA		7,232,00		232,00
.0301	FOR SELECT HINCH ADD 15 PCT TO MATL COSTS	PCT				
.0302	FOR PLAIN RED OAK ADD 4 PCT TO MATL COSTS	PCT				
.0303	FOR PLAIN WHITE OAK ADD 30 PCT TO MATL COSTS	PCT				
.0304	FOR PLAIN CHERRY ADD 34 PCT TO MATL COSTS	PCT				
.0305	FOR PLAIN WALNUT ADD 48 PCT TO MATL COSTS	PCT				
.0306	FOR LAMINATED PLASTIC FACE ONE SIDE ADD/EA TO MATL COSTS	EA		62,06		62,06
.0307	FOR LAMINATED PLASTIC FACE BOTH SIDES ADD/EA TO MATL COSTS	EA		127,00		127,00
.0308	FOR LAMINATED PLASTIC FACES A EDGES BOTH SIDES ADD/EA TO TOTAL COSTS	EA		142,00		142,00
08216	INTERIOR HOLLOW CORE HINCH DOORS NOTARY NATURAL HINCH VENEER/MOLLON CORE.					
.1120	STANDARD 1-3/8 IN THICK X 2 FT 8 IN X 7 FT	EA	1,505 C	80,60	43,00	37,60
.1130	STANDARD 1-3/8 IN THICK X 3 FT 0 IN X 7 FT	EA	1,505 C	80,79	43,00	37,79
.1420	STANDARD 1-3/4 IN THICK X 2 FT 8 IN X 7 FT	EA	1,539 C	84,00	44,79	39,21
.1430	STANDARD 1-3/4 IN THICK X 3 FT 0 IN X 7 FT	EA	1,539 C	83,01	44,79	38,22

UCI	DESCRIPTION	UNIT	M/T	TOTAL	LABOR	MATERIAL
00231	ARCHITECTURAL SOLID WOOD DOORS INTERIOR OR EXTERIOR USE					
.1430	PONDEROSA PINE 1-3/4 IN THICK X 3 FT X 7 FT	EA	3,323 C	259.72	96.72	163.00
.2430	BIRCH 1-3/4 IN THICK X 3 FT X 7 FT	EA	3,323 C	266.72	96.72	170.00
.3430	LUAN 1-3/4 IN THICK X 3 FT X 7 FT	EA	3,323 C	277.72	96.72	181.00
.4430	WALNUT 1-3/4 IN THICK X 3 FT X 7 FT	EA	3,323 C	311.72	96.72	215.00
00241	WOOD STORM & SCREEN COMBINATION DOORS					
.0020	PINE 2 FT 0 IN X 6 FT 0 IN	EA	1,214 C	87.55	35.39	52.16
.0030	PINE 3 FT 0 IN X 6 FT 0 IN	EA	1,214 C	89.24	35.39	53.85
.0050	PINE 3 FT (PAIR 2 FT & 1 IN) X 6 FT 0 IN	PR	1,812 C	152.74	52.74	100.00
.0060	PINE 6 FT (PAIR 3 FT 0 IN) X 6 FT 0 IN	PR	2,084 C	167.41	60.81	106.60
00242	FRENCH DOORS, GLAZED					
.0020	PIR 2 FT 0 IN X 6 FT 0 IN	EA	1,732 C	200.42	50.42	150.00
.0030	PIR 3 FT (PAIR 2 FT 0 IN) X 6 FT 0 IN	PR	2,854 C	337.16	83.16	254.00
00243	RESIDENTIAL FRONT DOORS					
.0130	COLONIAL PINE W/GLASS 3 FT 0 IN X 6 FT 0 IN	EA	2,026 C	216.25	82.25	134.00
.0230	SOLID CORE FLUSH BIRCH W/GLASS LITE 3 FT 0 IN X 6 FT 0 IN	EA	2,026 C	191.25	82.25	109.00
00251	CLOSET BY-PASS DOORS (2 LEAFS/UNIT) 1-3/8 IN THICK W/ PULLS & TRACKS					
.0140	PANELED PINE 4 FT 0 IN X 6 FT 0 IN	EA	1,648 C	111.42	47.95	63.47
.0160	PANELED PINE 6 FT 0 IN X 6 FT 0 IN	EA	1,974 C	134.29	57.49	76.80
.0240	LOUVERED PINE 4 FT 0 IN X 6 FT 0 IN	EA	1,648 C	116.16	49.25	66.91
.0260	LOUVERED PINE 6 FT 0 IN X 6 FT 0 IN	EA	1,974 C	138.70	57.86	80.84
.0340	FLUSH BIRCH 6 FT 0 IN X 6 FT 0 IN	EA	1,648 C	93.29	32.67	60.62
.0360	FLUSH BIRCH 6 FT 0 IN X 6 FT 0 IN	EA	1,977 C	110.66	37.53	73.13
.0440	HARDBOARD 6 FT 0 IN X 6 FT 0 IN	EA	1,645 C	84.82	47.89	36.93
.0460	HARDBOARD 6 FT 0 IN X 6 FT 0 IN	EA	1,975 C	103.27	57.49	45.78
00252	INTERIOR & PANEL TYPE COLONIAL DOOR					
.0120	PINE 2 FT 0 IN X 6 FT 0 IN	EA	2,948 C	162.81	85.81	77.00
.0220	PIR 2 FT 0 IN X 6 FT 0 IN	EA	2,948 C	150.75	85.81	64.94
00253	PRE HUNG RESIDENTIAL DOORS & FRAMES INCLUDING PINE DOOR FRAME W/ HINGES & LATCHSET					
.0120	EXTERIOR PIR 2 FT 0 IN X 6 FT 0 IN, SOLID	EA	1,890 C	149.99	54.99	95.00
.0130	EXTERIOR PIR 2 FT 0 IN X 6 FT 0 IN, SOLID	EA	1,902 C	142.35	55.35	87.00
.0220	EXTERIOR BIRCH 2 FT 0 IN X 6 FT 0 IN, SOLID	EA	1,890 C	147.99	54.99	93.00
.0230	EXTERIOR BIRCH 3 FT 0 IN X 6 FT 0 IN, SOLID	EA	1,902 C	200.35	55.35	145.00
.0320	EXTERIOR LAUAN 2 FT 0 IN X 6 FT 0 IN, SOLID	EA	1,890 C	206.99	54.99	152.00
.0330	EXTERIOR LAUAN 3 FT 0 IN X 6 FT 0 IN, SOLID	EA	1,902 C	216.35	55.35	161.00
.0420	INTERIOR PIR 2 FT 0 IN X 6 FT 0 IN, HOLLOW	EA	1,604 C	129.89	46.89	83.00
.0430	INTERIOR PIR 2 FT 0 IN X 6 FT 0 IN, HOLLOW	EA	1,638 C	136.34	47.67	88.67
.0520	INTERIOR BIRCH 2 FT 0 IN X 6 FT 0 IN, HOLLOW	EA	1,604 C	156.92	46.89	110.03
.0530	INTERIOR BIRCH 2 FT 0 IN X 6 FT 0 IN, HOLLOW	EA	1,638 C	142.17	47.67	94.50
00300	SPECIAL DOORS					
00310	SLIDING METAL FIRE DOORS					
00311	SLIDING METAL FIRE DOORS, MOTOR OPERATED 3 HR FIRE RATING W/ FUSIBLE LINK & HARDWARE					
.7030	3 FT 0 IN X 7 FT 0 IN DOOR	EA	2,259 E	491.00	119.00	372.00
.8030	3 FT 0 IN X 7 FT 0 IN DOOR	EA	2,432 E	526.00	126.00	400.00
.9030	3 FT 0 IN X 8 FT 0 IN DOOR	EA	3,427 E	744.00	180.00	564.00
.8060	6 FT 0 IN X 8 FT 0 IN DOOR	EA	3,758 E	877.00	198.00	679.00
.8070	7 FT 0 IN X 8 FT 0 IN DOOR	EA	4,140 E	1,007.00	216.00	791.00
00330	CEILING DOORS					

UCI	DESCRIPTION	UNIT	M/T	TOTAL	LABOR	MATERIAL
08362	OVERHEAD DOOMS, CHAIN OPERATED W/ STANDARD HARDWARE & TRACKS					
.0110	10 FT X 10 FT OPENING, STEEL	SF	0.055 E	10.22	2.92	7.30
.0112	12 FT X 12 FT OPENING, STEEL	SF	0.053 E	11.74	2.79	8.95
.0120	12 FT X 20 FT OPENING, STEEL	SF	0.047 E	13.21	2.46	10.75
.1110	10 FT X 10 FT OPENING, ALUMINUM	SF	0.052 E	10.43	2.73	7.70
.1112	12 FT X 12 FT OPENING, ALUMINUM	SF	0.049 E	10.81	2.61	8.20
.1120	12 FT X 20 FT OPENING, ALUMINUM	SF	0.044 E	13.54	2.35	11.19
.8100	FOR CHANNEL FRAME ADD/LR TO TOTAL COSTS	LB	0.009 E	.78	.50	.28
.8200	FOR MOTOR OPERATED ADD/EA TO TOTAL COSTS	EA	16.021 F	640.00	237.00	403.00
08370	SLIDING GLASS DOORS					
08371	ALUMINUM SLIDING GLASS DOOR UNIT INCLUDE DOOR FRAMES & TRACKS, AND HARDWARE MEDIUM COMMERCIAL QUALITY STOCK SIZES					
.0242	UNIT W/ 1/4 IN PLATE GLASS 6 FT X 7 FT	SF	0.095 D	23.41	4.62	18.79
.0244	UNIT W/ 1/4 IN PLATE GLASS 6 FT X 8 FT	SF	0.095 D	22.89	4.62	18.27
.0254	UNIT W/ 1/4 IN PLATE GLASS 8 FT X 7 FT	SF	0.095 D	22.50	4.57	17.93
.0264	UNIT W/ 1/4 IN PLATE GLASS 8 FT X 8 FT	SF	0.093 D	21.14	4.51	16.63
.0542	UNIT W/ 5/8 IN INSULATING GLASS 6 FT X 7 FT	SF	0.114 D	20.13	5.56	22.67
.0544	UNIT W/ 5/8 IN INSULATING GLASS 6 FT X 8 FT	SF	0.114 D	27.47	5.56	21.91
.0554	UNIT W/ 5/8 IN INSULATING GLASS 8 FT X 7 FT	SF	0.113 D	27.00	5.50	21.50
.0564	UNIT W/ 5/8 IN INSULATING GLASS 8 FT X 8 FT	SF	0.112 D	25.40	5.44	19.96
.0842	UNIT W/ 1 IN INSULATING GLASS 6 FT X 7 FT	SF	0.125 D	10.89	0.00	24.01
.0844	UNIT W/ 1 IN INSULATING GLASS 6 FT X 8 FT	SF	0.125 D	50.19	0.00	24.11
.0854	UNIT W/ 1 IN INSULATING GLASS 8 FT X 7 FT	SF	0.124 D	29.69	0.03	23.66
.0864	UNIT W/ 1 IN INSULATING GLASS 8 FT X 8 FT	SF	0.123 D	27.93	0.97	21.96
.8100	FOR CUSTOM QUALITY ADD 25 PCT TO MATL COSTS AND 8 PCT TO LABOR COSTS	PCT				
.8201	FOR BRONZED STEEL FRAMES DUCT 5 PCT FROM MATL COSTS	PCT				
.8202	FOR ANODIZED FINISH ADD 10 PCT TO MATL COSTS	PCT				
08375	SAFETY GLASS DOORS					
08376	SOLID GLASS (MERCURITE) DOORS PUSH-PULL HANDS, CONCEALED CHECK MINGES, INCLUDING FRAME.					
.0104	1/2 IN THICK DOORS, CLEAR	SF	0.533 E	61.43	17.56	23.87
.0112	3/4 IN THICK DOORS, CLEAR	SF	0.360 E	47.21	18.46	28.75
.0116	1 IN THICK DOORS, CLEAR	SF	0.362 E	52.97	20.11	32.86
.0119	1-3/16 IN THICK DOORS, CLEAR	SF	0.424 E	60.38	22.27	38.11
.1104	1/2 IN THICK DOORS, TINTED	SF	0.333 E	43.15	17.56	25.59
.1112	3/4 IN THICK DOORS, TINTED	SF	0.360 E	49.06	18.46	30.60
.1116	1 IN THICK DOORS, TINTED	SF	0.362 E	55.01	20.11	34.90
.1119	1-3/16 IN THICK DOORS, TINTED	SF	0.423 E	64.38	22.27	42.11
08390	SCREEN AND STORM DOORS					
08391	WOOD STORM & SCREEN COMBINATION DOORS CONSULT UCI 08241 WOOD STORM & SCREEN COMB INATION DOORS					
08392	ALUMINUM STORM & SCREEN COMBINATION DOORS PUSHING IN INTEGRATED FRAMES					
.0100	RESIDENTIAL GRADE, STOCK PLAIN 3 FT X 7 FT	SF	0.079 B	8.97	2.44	6.53
.0200	RESIDENTIAL GRADE, STOCK WHITE 3 FT X 7 FT	SF	0.079 B	10.28	2.44	7.84
.0300	RESIDENTIAL GRADE, STOCK COLORS 3 FT X 7 FT	SF	0.079 B	10.94	2.44	8.50
.0400	COMMERCIAL GRADE, STOCK	SF	0.079 B	10.18	2.44	7.74
.0500	COMMERCIAL GRADE, CUSTOM	SF	0.108 B	14.35	3.32	11.03
.8101	FOR ANODIZED FINISH ADD 12 PCT TO MATL COSTS	PCT				
.8102	FOR STAINLESS STEEL ADD 90 PCT TO MATL COSTS AND 10 PCT TO LABOR COSTS	PCT				
.8103	FOR BRONZE ADD 210 PCT TO MATL COSTS AND 10 PCT TO LABOR COSTS	PCT				

UCI	DESCRIPTION	UNIT	M/T	TOTAL	LABOR	MATERIAL
08400	ENTRANCES & STOREFRONTS					
08401	ENTRANCES CONSULT UCI 08900 WINDOW WALLS/CURTAIN WALL FOR FRAMING ANALYSIS.					
08411	STOREFRONTS STOREFRONT SYSTEMS & PRICES ARE GENERALLY QUOTED BY A SUBCONTRACTOR ON A PROJECT ON BASIS, THE COST/OF BASIS ON STOREFRONT, COMPRISING STANDARDIZED ALUMINIUM FRAMING, GLAZING, SPANDREL COVERS, SEALANTS, SUPPORT IRON & GLAZED DOORS W/ HARDWARE, OF GOOD COMMERCIAL QUALITY, RANGES AS FOLLOWS:					
.0100	SMALL SIZE ECONOMY JOBS \$8.70 TO \$17.25/SF ADJUSTED MEDIAN	SF	0.144 M	13.46	7.70	5.76
.0200	MEDIUM SIZE ECONOMY JOBS \$7.35 TO \$13.85/SF ADJUSTED MEDIAN	SF	0.129 M	12.48	6.94	5.54
.0300	LARGE SIZE ECONOMY JOBS \$7.10 TO \$12.75/SF ADJUSTED MEDIAN	SF	0.125 M	11.07	6.69	4.38
.0100	FOR LOWER GRADE WORK DEDUCT 25 PCT FROM TOTAL COSTS	PCT				
.0200	FOR DELUXE GRADE WORK ADD 75 PCT TO TOTAL COSTS	PCT				
.0301	FOR MULLION METAL CONSTRUCTION DEDUCT 10 PCT FROM MATL COSTS AND 5 PCT FROM LABOR COSTS	PCT				
.0302	FOR STAINLESS STEEL CONSTRUCTION ADD 35 PCT TO MATL COSTS AND 5 PCT TO LABOR COSTS	PCT				
.0303	FOR BRONZE CONSTRUCTION ADD 105 PCT TO MATL COSTS AND 15 PCT TO LABOR COSTS	PCT				
08450	REVOLVING DOORS					
08451	ALUMINUM REVOLVING DOORS UNIT, COMPLETE WITH SPEED CONTROL, PUSHBAR HING GLASS OF 1/4 INCH POLISHED PLATE AND HALL GLASS OF 1/4 INCH HENT POLISHED PLATE ALUMINUM FINISH.					
.0607	6 FT 6 IN DIA X 7 FT HIGH OPENING	EA	72.683 M	12160.00	3889.00	8271.00
.0608	6 FT 6 IN DIA X 8 FT HIGH OPENING	EA	83.453 M	13983.00	4470.00	9513.00
.0700	7 FT 7 IN DIA X 8 FT HIGH OPENING	EA	96.111 M	19402.00	5142.00	14260.00
.0101	FOR STAINLESS STEEL ADD 125 PCT TO MATL COSTS	PCT				
.0102	FOR BRONZE ADD 220 PCT TO MATL COSTS	PCT				
.0103	FOR ANODIZED FINISH ADD 10 PCT TO MATL COSTS	PCT				
.0201	FOR 1/4 INCH TEMPERED GLASS ADD/EACH LEAF	EA		10.68		10.68
.0202	FOR 1/4 INCH SOLAR BRONZE GLASS ADD/EACH LEAF	EA		3.44		3.44
08500	METAL WINDOWS PRICES ARE BASED ON STOCK UNITS ONLY, ADD FOR GLASS & GLAZING.					
08510	STEEL WINDOWS					
08511	STEEL SASH WINDOWS, FACTORY PRIMED SINGLE GLAZED CONSTRUCTION					
.0100	FIXED CASEMENT SASH	SF	0.041 I	3.75	1.67	2.08
.0200	OPERABLE CASEMENT SASH	SF	0.044 I	4.98	1.77	3.21
.0300	FIXED INDUSTRIAL SASH	SF	0.041 I	3.57	1.67	1.90
.0400	PROJECTED INDUSTRIAL SASH	SF	0.041 I	3.98	1.67	2.31
.0500	PIVOTED INDUSTRIAL SASH	SF	0.041 I	4.23	1.67	2.56
.0600	FIXED INDUSTRIAL TYPE SECURITY SASH	SF	0.062 I	6.07	2.47	3.60
.0700	PROJECTED INDUSTRIAL TYPE SECURITY SASH	SF	0.093 I	8.52	3.72	4.80
.0800	INTERMEDIATE PROJECTED SASH	SF	0.045 I	5.20	1.82	3.38
.0900	COMMERCIAL FIXED SASH	SF	0.045 I	5.05	1.82	3.23
.1000	PICTURE WINDOW SASH	SF	0.040 I	3.22	1.62	1.60
.1100	SINGLE HUNG SASH	SF	0.044 I	4.92	1.77	3.15
.1200	DOUBLE HUNG SASH	SF	0.045 I	5.32	1.82	3.50
.1300	BASEMENT SASH	SF	0.040 I	4.66	1.62	3.04
.0101	FOR OPEN FACE MULLIONS ADD/LF TO TOTAL COSTS	LF	0.023 I	2.92	.95	1.97
.0102	FOR COVERED MULLIONS ADD/LF TO TOTAL COSTS	LF	0.028 I	3.41	1.15	2.26
.0201	FOR GALVANIZED (1.5 OZ/SF) ADD 10 PCT TO MATL COSTS	PCT				

UCI	DESCRIPTION	UNIT	H/T	TOTAL	LABOR	MATERIAL
08511	STEEL SASH WINDOWS, FACTORY PRIMED SINGLE GLAZED CONSTRUCTION					
	.8202 FOR GALVANIZED (2 OZ/BF) AND 22 PCT TO MATL COSTS	PCT				
	.8203 FOR ANODIZED FINISH AND 15 PCT TO MATL COSTS	PCT				
	.8302 FOR CUSTOM MADE SASHES AND 150 PCT TO MATL COSTS	PCT				
	.8304 FOR DOUBLE GLAZED SASH AND 12 PCT TO MATL COSTS	PCT				
	.8401 FOR LIGHT SECURITY PRISON SASHES AND 42 PCT TO TOTAL COSTS	PCT				
	.8402 FOR MEDIUM SECURITY PRISON SASHES AND 70 PCT TO TOTAL COSTS	PCT				
	.8403 FOR HEAVY SECURITY PRISON SASHES AND 112 PCT TO TOTAL COSTS	PCT				
08516	STEEL INSECT SCREENS					
	.0100 HUNG	SF	0.004 I	1.66	.19	1.20
	.0200 PIVOTED	SF	0.005 I	1.96	.23	1.73
	.0300 SLIDING	SF	0.003 I	1.14	.14	1.00
08517	STEEL SECURITY SCREENS & FRAMES					
	.0100 MAXIMUM SECURITY PRISON TYPE	SF	0.047 I	9.38	1.91	7.47
	.0200 MEDIUM SECURITY PRISON TYPE	SF	0.026 I	4.19	1.05	3.14
	.0300 MINIMUM SECURITY PRISON TYPE	SF	0.022 I	2.73	.91	1.84
08520	ALUMINUM WINDOWS					
08521	ALUMINUM SASH WINDOWS, BRUSHED FINISH SINGLE GLAZED CONSTRUCTION					
	.0100 SINGLE SLIDING	SF	0.057 I	6.20	2.30	5.90
	.0200 DOUBLE SLIDING (BY-PASS)	SF	0.057 I	8.80	2.30	8.50
	.0300 SINGLE HUNG SASH	SF	0.057 I	9.45	2.30	7.15
	.0400 DOUBLE HUNG SASH	SF	0.067 I	10.53	2.67	7.86
	.0500 FIXED CASEMENT	SF	0.056 I	10.15	2.25	7.90
	.0600 VENTED CASEMENT	SF	0.067 I	10.94	2.67	8.27
	.0700 PROJECTED SASH	SF	0.067 I	11.34	2.67	8.67
	.0800 AWNING SASH	SF	0.068 I	12.24	2.71	9.53
	.0900 PIVOTED CASEMENT	SF	0.067 I	10.66	2.67	7.99
	.8101 FOR MULLIONS ADD/LF TO TOTAL COSTS	LF	0.031 I	5.93	1.24	4.71
	.8102 FOR CUSTOM EXTRUSIONS AND 90 PCT TO MATL COSTS	PCT				
	.8201 FOR DURANODIC FINISH ADD/BF TO MATL COSTS	SF		1.30		1.30
	.8301 FOR TOP GRADE UNITS ADD 30 PCT TO MATL COSTS	PCT				
	.8302 FOR CUSTOM FRAME SIZES ADD 33 PCT TO MATL COSTS	PCT				
	.8303 FOR LOW QUALITY RESIDENTIAL TYPE SASHES REDUCT 12 PCT FROM MATL COSTS	PCT				
08522	ALUMINUM JALOUSIE WINDOWS					
	.0140 4 INCH LOUVERS	SF	0.045 I	8.20	1.82	6.66
	.0154 5-1/2 INCH LOUVERS	SF	0.045 I	9.20	1.82	7.38
	.0172 7-1/4 INCH LOUVERS	SF	0.045 I	10.64	1.82	8.82
08526	ALUMINUM INSECT SCREENS					
	.0100 HUNG	SF	0.004 I	3.42	.19	3.23
	.0200 PIVOTED	SF	0.003 I	1.39	.14	1.25
	.0300 SLIDING	SF	0.005 I	3.10	.23	2.87
08527	ALUMINUM SECURITY SCREENS & FRAMES					
	.0100 MAXIMUM SECURITY PRISON TYPE	SF	0.040 I	13.92	1.62	14.30
	.0200 MEDIUM SECURITY PRISON TYPE	SF	0.016 I	4.59	.67	5.22
	.0300 MINIMUM SECURITY PRISON TYPE	SF	0.021 I	4.36	.66	5.00
08530	STAINLESS STEEL WINDOWS					

UCI	DESCRIPTION	UNIT	M/T	TOTAL	LABOR	MATERIAL
08531	STAINLESS STEEL BASH WINDOWS SINGLE GLAZED CONSTRUCTION					
.0100	CASEMENT	SP	0.065 I	13.85	2.62	11.23
.0200	PROJECTED	SP	0.064 I	16.80	2.76	14.04
.0300	PIVOTED	SP	0.079 I	19.57	3.00	16.57
.0400	FIXED	SP	0.061 I	12.20	2.43	9.77
.0500	SLIDING	SP	0.062 I	6.70	2.47	4.23
.0302	FOR CUSTOM BASH SIZES ADD 40 PCT TO MATL COSTS	PCT				
.0304	FOR DOUBLE GLAZED BASH ADD 5 PCT FROM MATL COSTS	PCT				
08536	STAINLESS STEEL INSECT SCREENS					
.0100	HUNG	SP	0.005 I	3.83	.23	3.60
.0200	PIVOTED	SP	0.004 I	4.25	.19	4.06
.0300	SLIDING	SP	0.004 I	1.78	.19	1.59
08537	STAINLESS STEEL SECURITY SCREENS & FRAMES					
.0100	MAXIMUM SECURITY PRISON TYPE	SP	0.045 I	14.47	1.40	12.71
.0200	MEDIUM SECURITY PRISON TYPE	SP	0.027 I	6.26	1.10	5.16
.0300	MINIMUM SECURITY PRISON TYPE	SP	0.021 I	4.01	.86	3.15
08540	BRONZE WINDOWS					
08541	BRONZE BASH WINDOWS					
.0100	ADD 100 PCT TO MATL COSTS OF STAINLESS STEEL BASH WINDOWS	PCT				
08550	SPECIAL WINDOWS					
08551	NEOPRENE STRUCTURAL GASKETS					
.0102	TONGUED SECTION FOR 1/4 IN GLASS	LF	0.037 M	3.24	1.24	1.95
.0103	TONGUED SECTION FOR 3/8 IN GLASS	LF	0.044 M	3.95	1.34	2.61
.0104	TONGUED SECTION FOR 1/2 IN GLASS	LF	0.049 M	5.64	1.37	4.27
.0106	TONGUED SECTION FOR 3/4 IN GLASS	LF	0.041 M	6.42	1.42	5.00
.0108	TONGUED SECTION FOR 1 IN GLASS	LF	0.043 M	7.52	1.51	6.01
.0202	MUNTIN SECTION FOR 1/4 IN GLASS	LF	0.018 M	1.59	.62	.97
.0203	MUNTIN SECTION FOR 3/8 IN GLASS	LF	0.021 M	2.35	.75	1.60
.0204	MUNTIN SECTION FOR 1/2 IN GLASS	LF	0.024 M	3.07	.83	2.24
.0206	MUNTIN SECTION FOR 3/4 IN GLASS	LF	0.027 M	3.47	.96	2.51
.0208	MUNTIN SECTION FOR 1 IN GLASS	LF	0.031 M	4.58	1.08	3.50
.0100	FOR MOULDED CORNERS ADD/EACH CORNER TO TOTAL COSTS	EA	0.474 M	24.34	16.40	7.94
08600	WOOD & PLASTIC WINDOWS PRICES ARE BASED ON STOCK UNITS ONLY, WITH GLASS AS LISTED BELOW.					
08610	WOOD WINDOWS					
08611	SINGLE HUNG WINDOWS W/ SCREENS					
.0120	2 FT 8 IN X 4 FT 6 IN W/ DS B GLASS	EA	1.141 J	47.73	36.07	48.86
.0130	3 FT 4 IN X 5 FT 6 IN W/ DS B GLASS	EA	1.226 J	112.64	41.72	70.92
.0220	2 FT 8 IN X 4 FT 6 IN W/ INSULATING GLASS	EA	1.151 J	112.21	39.16	73.05
.0234	3 FT 4 IN X 5 FT 6 IN W/ INSULATING GLASS	EA	1.235 J	117.11	41.99	95.12
08612	DOUBLE HUNG WINDOWS W/ SCREENS					
.0120	2 FT 0 IN X 3 FT 2 IN W/ DS B GLASS	EA	0.914 J	44.46	31.09	55.57
.0121	2 FT 0 IN X 4 FT 6 IN W/ DS B GLASS	EA	0.982 J	99.69	32.05	67.64
.0122	2 FT 8 IN X 3 FT 2 IN W/ DS B GLASS	EA	0.972 J	91.70	31.08	58.62
.0123	2 FT 8 IN X 3 FT 2 IN W/ DS B GLASS	EA	0.999 J	120.33	33.97	86.36
.0134	3 FT 4 IN X 5 FT 2 IN W/ DS B GLASS	EA	1.142 J	133.55	38.64	94.51
.0136	3 FT 4 IN X 5 FT 2 IN W/ DS B GLASS	EA	1.484 J	151.48	50.48	101.00
.0137	3 FT 4 IN X 5 FT 2 IN W/ DS B GLASS	EA	1.404 J	225.54	54.54	171.00
.0144	3 FT 4 IN X 5 FT 2 IN W/ DS B GLASS	EA	2.461 J	327.68	83.68	244.00
.0100	FOR INSULATING GLASS ADD 45 PCT TO MATL COSTS	PCT				

UCI	DESCRIPTION	UNIT	M/T	TOTAL	LABOR	MATERIAL
08613	SLIDING WINDOWS W/SCREENS (PATIO TYPE)					
.0144	4 FT 6 IN X 2 FT 8 IN W/ DS B GLASS	EA	0.443 J	184.08	32.00	152.00
.0154	5 FT 8 IN X 5 FT 6 IN W/ DS B GLASS	EA	1.326 J	243.08	45.00	198.00
.0162	6 FT 2 IN X 6 FT 8 IN W/ DS B GLASS	EA	1.852 J	302.98	62.98	240.00
.8100	FOR INSULATING GLASS ADD 40 PCT TO MATL COSTS	PCT				
08614	CASEMENT WINDOWS W/ SCREENS					
.0111	1 LEAF 1 FT 10 IN X 3 FT 2 IN W/ DS B GLASS	EA	0.766 J	93.92	26.74	67.18
.0131	2 LEAF 3 FT 10 IN X 4 FT 2 IN W/ DS B GLASS	EA	1.644 J	195.91	55.91	140.00
.0151	3 LEAF 5 FT 11 IN X 5 FT 2 IN W/ DS B GLASS	EA	1.714 J	253.29	58.29	195.00
.8100	FOR INSULATING GLASS ADD 40 PCT TO MATL COSTS	PCT				
08615	FIXED PICTURE WINDOWS					
.0146	4 FT 6 IN X 4 FT 6 IN W/ INSULATING GLASS	EA	2.401 J	241.66	81.66	160.00
.0158	5 FT 8 IN X 4 FT 6 IN W/ INSULATING GLASS	EA	2.561 J	275.09	87.09	188.00
08616	FIXED NON RAY WINDOWS W/ FLAT GLASS					
.0180	6 FT 0 IN X 5 FT 0 IN W/ DS B GLASS	EA	2.429 J	294.60	82.60	212.00
.0194	9 FT 4 IN X 4 FT 8 IN W/ DS B GLASS	EA	3.602 J	516.00	122.00	394.00
.8100	FOR INSULATING GLASS ADD 40 PCT TO MATL COSTS	PCT				
.8200	FOR PIVOTED VENT ADD/EA TO MATL COSTS	EA		19.07		19.07
08617	FIXED NON RAY WINDOWS W/ ROUNDED GLASS					
.0170	7 FT 0 IN X 5 FT 0 IN	EA	3.362 J	360.00	114.00	246.00
.0184	8 FT 4 IN X 5 FT 0 IN	EA	3.644 J	436.00	124.00	312.00
.0270	7 FT 0 IN X 6 FT 6 IN	EA	3.558 J	426.00	121.00	305.00
.0284	8 FT 4 IN X 6 FT 6 IN	EA	3.979 J	494.00	135.00	359.00
.8100	FOR PIVOTED VENT ADD/EA TO MATL COSTS	EA		19.07		19.07
08630	PLASTIC FINISHED WOOD WINDOWS					
.8100	FOR PLASTIC FINISHED WOOD WINDOWS ADD 12 PCT TO MATL COSTS OF UCI 08610 WOOD WINDOWS	PCT				
08700	HARDWARE & SPECIALTIES TOTAL COST OF FINISH HARDWARE OF A PROJECT IS THE SUM OF VARIOUS COMPONENTS & TYPES, QUANTITY AND QUALITY. IT IS PRUDENT TO OBTAIN LOCAL QUOTATIONS FOR SUCH PROJECTS					
08701	FINISH HARDWARE FOR EXTERIOR DOORS COMPRISES A COMPLETE SET OF A LOCKSET, KNOBS AND THE HINGES ONLY. INSTALLATION OF THIS HARDWARE IS INCLUDED IN LABOR COSTS OF DOORS. ADDITIONAL HARDWARE ITEMS ARE EXTRA.					
.0100	DWELLING UNIT	EA		39.67		39.67
.0200	OFFICE	EA		61.65		61.65
.0300	STORE	EA		66.38		66.38
.0400	INSTITUTIONAL	EA		95.46		95.46
08702	FINISH HARDWARE FOR INTERIOR DOORS CONSULT UCI 08701 FOR DESCRIPTION.					
.0100	OFFICE	EA		31.53		31.53
.0200	APARTMENT	EA		29.06		29.06
.0300	HOTEL ROOM	EA		60.74		60.74
.0400	CLASSROOM	EA		39.11		39.11
.0500	HOSPITAL ROOM	EA		57.13		57.13
.0600	BATHROOM	EA		29.30		29.30
.0700	CLOSET	EA		21.89		21.89
.0800	SOUNDPROOF ROOM	EA		70.08	8.01	62.07
.0900	DINING ROOM	EA		69.15		69.15
.1000	STORAGE ROOM	EA		52.43		52.43
.1100	SECURITY DOOR	EA		65.41		65.41
.1200	PASSAGE ROOM	EA		56.88		56.88
08703	FINISH HARDWARE BY COMPONENTS GOOD QUALITY, MEDIAN PRICES					
.0100	CYLINDER LOCK W/KEYS	EA	0.254 L	12.85	4.35	8.50
.0210	CYLINDRICAL LOCKSET, KEYLESS, LIGHT DUTY	EA	0.597 L	22.63	10.16	12.47
.0220	CYLINDRICAL LOCKSET, KEYS, LIGHT DUTY	EA	0.626 L	25.40	10.86	14.54
.0310	CYLINDRICAL LOCKSET, KEYLESS, MEDIUM DUTY	EA	0.597 L	35.11	10.16	24.95
.0320	CYLINDRICAL LOCKSET, KEYS, MEDIUM DUTY	EA	0.654 L	39.48	11.13	28.35
.0410	CYLINDRICAL LOCKSET, KEYLESS, HEAVY DUTY	EA	0.825 L	53.71	14.02	39.69

UCI	DESCRIPTION	UNIT	M/T	TOTAL	LABOR	MATERIAL
08715	DOOR PULLS					
.0100	PLAIN DESIGN SECTIONAL GRIP TYPE	EA	0.596 L	17.17	10.13	7.04
.0200	MODERN DESIGN SECTIONAL GRIP TYPE	EA	0.596 L	20.51	10.13	10.38
.0300	ROUND OR OVAL SECTIONAL GRIP TYPE	EA	0.596 L	22.11	10.13	11.98
.0400	PLAIN DESIGN SECTIONAL GRIP TYPE ON PLATE	EA	0.596 L	22.30	10.13	12.17
.0500	MODERN DESIGN SECTIONAL GRIP TYPE ON PLATE	EA	0.596 L	24.58	10.13	14.45
08716	PANIC HOLT					
	COMPLETE SET FOR SINGLE DOOR UNIT					
.0101	RIM TYPE W/ NO OUTSIDE TRIM	EA	1.589 L	161.03	27.03	134.00
.0102	RIM TYPE W/ OUTSIDE PULL & CYLINDER	EA	1.755 L	178.85	29.85	149.00
.0103	RIM TYPE W/ OUTSIDE KNOB & CYLINDER	EA	1.755 L	183.85	29.85	154.00
.0104	RIM TYPE W/ MULLION FOR RIM TYPE	EA	0.794 L	59.25	13.51	45.74
.0201	MORTISE TYPE W/ NO OUTSIDE TRIM	EA	1.589 L	202.03	27.03	175.00
.0202	MO TISE TYPE W/ OUTSIDE PULL & CYLINDER	EA	1.755 L	219.85	29.85	190.00
.0203	MORTISE TYPE W/ OUTSIDE KNOB & CYLINDER	EA	1.755 L	232.85	29.85	203.00
.0301	VERTICAL HOD TYPE W/ NO OUTSIDE TRIM	EA	1.589 L	173.03	27.03	146.00
.0302	VERTICAL HOD TYPE W/ OUTSIDE KNOB & CYLINDER	EA	1.755 L	195.85	29.85	166.00
.8100	FOR BRUNZE HARDWARE ADD 45 PCT TO MATL COSTS	PCT				
08720	OPERATORS (DOORS OR WINDOWS)					
	PRICES ARE BASED ON THE UNIT COSTS OF OPERATING MECHANISMS ONLY					
08721	AUTOMATIC DOOR EQUIPMENT, ELECTRIC EYE					
.0120	SINGLE SWING DOOR UP TO 200 LBS/LEAF	EA	19.836 L	715.00	337.00	378.00
.0121	SINGLE SWING DOOR OVER 200 LBS/LEAF	EA	21.840 L	850.00	371.00	479.00
.0235	DOUBLE SWING DOORS UP TO 350 LBS/LEAF	PR	31.986 L	1083.00	544.00	539.00
.0236	DOUBLE SWING DOORS OVER 350 LBS/LEAF	PR	34.812 L	1284.00	592.00	692.00
.1130	SINGLE SLIDING DOOR UP TO 300 LBS/LEAF	EA	20.828 L	1034.00	354.00	680.00
.1150	SINGLE SLIDING DOOR 300 TO 500 LBS/LEAF	EA	23.556 L	1298.00	400.00	898.00
.1151	SINGLE SLIDING DOOR OVER 500 LBS/LEAF	EA	26.779 L	1532.00	455.00	1077.00
.2230	DOUBLE BI-SLIDING DOORS UP TO 300 LBS/LEAF	PR	29.718 L	1802.00	505.00	1297.00
.2250	DOUBLE BI-SLIDING DOORS 300 TO 500 LBS/LEAF	PR	33.408 L	2310.00	602.00	1708.00
.8101	FOR EITHER DIRECTION FOR SLIDING DOORS ADD 13 PCT TO TOTAL COSTS	PCT				
.8102	FOR EITHER DIRECTION FOR SWING DOORS ADD 40 PCT TO TOTAL COSTS	PCT				
08722	AUTOMATIC DOOR EQUIPMENT, ACTIVATED MATS					
.0130	SINGLE SWING DOOR UP TO 300 LBS/LEAF	EA	27.270 L	667.00	404.00	263.00
.0230	DOUBLE SWING DOORS UP TO 300 LBS/LEAF	PR	29.784 L	1014.00	506.00	508.00
.1130	SINGLE SLIDING DOOR UP TO 300 LBS/LEAF	EA	19.310 L	920.00	328.00	592.00
.2230	DOUBLE BI-SLIDING DOORS UP TO 300 LBS/LEAF	PR	27.375 L	1640.00	465.00	1175.00
.8100	FOR ADDITIONAL 100 LBS/LEAF ADD 10 PCT TO TOTAL COSTS	PCT				
08723	AUTOMATIC DOOR EQUIPMENT, WALL BUTTONS					
.0100	DEDUCT 42 PCT FROM LABOR COSTS AND 10 PCT FROM MATL COSTS OF UCI 08722 AUTOMATIC DOOR EQUIPMENT, ACTIVATED MATS	PCT				
08724	AUTOMATIC DOOR EQUIPMENT, PULL CORD					
.0100	DEDUCT 47 PCT FROM LABOR COSTS AND 10 PCT FROM MATL COSTS OF UCI 08722 AUTOMATIC DOOR EQUIPMENT, ACTIVATED MATS	PCT				
08729	WINDOW WASHING ACCESSORIES					
.0100	8 IN SAFETY BOLT, STAINLESS STEEL	EA	0.277 L	24.60	4.70	19.90
.0200	8 IN SAFETY BOLT, ALUMINUM	EA	0.260 L	19.56	4.42	15.14
.0300	NYLON SAFETY HARNESS SET	EA		76.64		76.64
08730	WEATHERSTRIPPING & SEALS					
08731	ZINC WEATHERSTRIPPING					
	FIELD APPLICATION ONLY					
.0100	WOOD WINDOWS	LF	0.081 L	1.97	1.37	.60
.0200	METAL WINDOWS	LF	0.095 L	2.22	1.62	.60
.0300	WOOD DOOR FRAMES - INTERLOCKING TYPE	LF	0.077 L	1.86	1.31	.55
.0400	METAL DOOR FRAMES - INTERLOCKING TYPE	LF	0.089 L	2.07	1.52	.55

UCT	DESCRIPTION	UNIT	W/T	TOTAL	LABOR	MATERIAL
08703	FINISH HARDWARE BY COMPONENTS GOOD QUALITY, MEDIAN PRICES					
	CONTINUED					
.0420	CYLINDRICAL LOCKSET, KEVED, HEAVY DUTY	EA	0.862 L	62.62	14.49	47.63
.0510	MORTISE LOCKSET, KEYLESS, MEDIUM DUTY	EA	0.768 L	62.96	13.06	49.40
.0520	MORTISE LOCKSET, KEVED, MEDIUM DUTY	EA	0.825 L	65.46	14.02	54.44
.0610	MORTISE LOCKSET, KEYLESS, HEAVY DUTY	EA	0.997 L	79.33	16.95	62.36
.0620	MORTISE LOCKSET, KEVED, HEAVY DUTY	EA	1.059 L	87.10	17.92	69.18
.1110	DOOR LEVERS	EA	0.067 L	6.24	1.14	5.10
.1120	DOOR KNOBS	EA	0.067 L	6.24	1.14	5.10
.1130	DOOR ESCUTCHEONS	EA	0.067 L	6.24	1.14	5.10
.1140	DOOR NDSSES	EA	0.067 L	6.24	1.14	5.10
.2102	DOOR TEMPLATE HINGED, SET OF 2	SET	0.506 L	21.08	8.61	12.47
.2103	DOOR TEMPLATE HINGED, SET OF 3	SET	0.759 L	31.63	12.92	18.71
.2104	DOOR TEMPLATE HINGED, SET OF 4	SET	1.013 L	42.19	17.24	24.95
.2202	DOOR SPRING HINGED, SET OF 2	SET	0.506 L	29.42	9.56	19.44
.2203	DOOR SPRING HINGED, SET OF 3	SET	0.845 L	44.13	14.37	29.76
.2204	DOOR SPRING HINGED, SET OF 4	SET	1.127 L	54.45	19.16	34.69
08711	DOOR CLOSERS, HACK & PINION TYPE CLOSERS ARE STRENGTH DESIGNED BY THE HEIGHT & WIDTH AS LISTED BELOW X 7 FT HIGH DOORS,					
.0134	FOR DOOR UP TO 3 FT 4 IN HOLLOW CORE	EA	0.946 L	90.36	16.08	74.30
.0234	FOR DOOR UP TO 3 FT 4 IN SOLID CORE	EA	0.942 L	101.74	16.69	85.05
.0240	FOR DOOR UP TO 4 FT 0 IN SOLID CORE	EA	1.010 L	113.23	17.16	96.05
.0334	FOR DOOR UP TO 3 FT 4 IN METAL TEMPLATE	EA	0.800 L	79.55	10.20	69.35
.0340	FOR DOOR UP TO 4 FT 0 IN METAL TEMPLATE	EA	0.835 L	91.85	10.60	80.85
.8101	FOR CONCEALED CLOSERS ADD 33 PCT TO LABOR COSTS	PCT				
.8102	FOR DELAYED ACTION TYPE ADD 10 PCT TO MATL COSTS	PCT				
.8103	FOR HOLD OPEN ARM ADD 4 PCT TO MATL COSTS	PCT				
.8104	FOR HOSPITAL TYPE HOLD OPEN DEVICE ADD 12 PCT TO MATL COSTS	PCT				
.8105	FOR WEATHERPROOF TYPE ADD 15 PCT TO MATL COSTS	PCT				
.8106	FOR FUSIBLE LINK ADD 15 PCT TO MATL COSTS	PCT				
08712	DOOR STOPS & CHECKS					
.0101	FLOOR MOUNTED BUMPER	EA	0.166 L	7.46	2.64	4.64
.0102	FLOOR MOUNTED BUMPER W/ HOLD OPEN	EA	0.177 L	10.99	3.02	7.97
.0201	WALL MOUNTED BUMPER	EA	0.166 L	7.04	2.64	4.20
.0202	WALL MOUNTED BUMPER W/ HOLD OPEN	EA	0.177 L	10.61	3.02	7.59
.0300	DOOR MOUNTED STIFF ARM BUMPER	EA	0.166 L	6.57	2.64	3.53
.0400	DOOR MOUNTED PLUNGER TYPE CHECK	EA	0.194 L	24.82	3.11	21.51
08713	SINGLE PUSH BARS					
.0124	PLAIN DESIGN CAST BRONZE 24 IN	EA	0.594 L	101.61	10.13	91.48
.0130	PLAIN DESIGN CAST BRONZE 30 IN	EA	0.716 L	115.22	12.22	123.00
.0136	PLAIN DESIGN CAST BRONZE 36 IN	EA	0.768 L	167.06	13.06	154.00
.0224	MODERN DESIGN ALUMINUM TUBE 24 IN	EA	0.594 L	68.54	10.13	58.41
.0230	MODERN DESIGN ALUMINUM TUBE 30 IN	EA	0.714 L	82.37	12.22	70.15
.0236	MODERN DESIGN ALUMINUM TUBE 36 IN	EA	0.768 L	101.45	13.06	88.39
.0324	CONTEMPORARY SOLID BRONZE 24 IN	EA	0.594 L	111.13	10.13	101.00
.0330	CONTEMPORARY SOLID BRONZE 30 IN	EA	0.716 L	147.22	12.22	135.00
.0336	CONTEMPORARY SOLID BRONZE 36 IN	EA	0.768 L	182.06	13.06	169.00
08714	COMBINED PUSH-PULL BARS					
.0124	PLAIN DESIGN CAST BRONZE 24 IN	EA	0.626 L	115.66	10.66	105.00
.0130	PLAIN DESIGN CAST BRONZE 30 IN	EA	0.756 L	150.66	12.66	138.00
.0136	PLAIN DESIGN CAST BRONZE 36 IN	EA	0.807 L	186.72	13.72	173.00
.0224	CONTEMPORARY CAST BRONZE 24 IN	EA	0.626 L	131.66	10.66	121.00
.0230	CONTEMPORARY CAST BRONZE 30 IN	EA	0.756 L	171.66	12.66	159.00
.0236	CONTEMPORARY CAST BRONZE 36 IN	EA	0.807 L	207.72	13.72	194.00
.0324	CONTEMPORARY SOLID BRONZE 24 IN	EA	0.626 L	143.66	10.66	133.00
.0330	CONTEMPORARY SOLID BRONZE 30 IN	EA	0.756 L	187.66	12.66	175.00
.0336	CONTEMPORARY SOLID BRONZE 36 IN	EA	0.807 L	226.72	13.72	213.00

UCI	DESCRIPTION	UNIT	M/T	TOTAL	LABOR	MATERIAL
08732	BRONZE WEATHERSTRIPPING FIELD APPLICATION ONLY					
.0100	WOOD WINDOWS	LF	0.118 L	2.74	2.02	.72
.0200	METAL WINDOWS	LF	0.119 L	1.09	2.37	.72
.0300	WOOD DOOR FRAMES - INTERLOCKING TYPE	LF	0.147 L	3.27	2.50	.77
.0400	METAL DOOR FRAMES - INTERLOCKING TYPE	LF	0.149 L	3.74	2.87	.87
.0500	WOOD DOOR FRAMES - SPRING TYPE	LF	0.150 L	2.79	2.55	.24
.0600	METAL DOOR FRAMES - SPRING TYPE	LF	0.171 L	3.19	2.91	.28
08733	STAINLESS STEEL WEATHERSTRIPPING FIELD APPLICATION ONLY					
.0100	WOOD DOOR FRAME - SPRING TYPE	LF	0.150 L	2.84	2.55	.29
.0200	METAL DOOR FRAME - SPRING TYPE	LF	0.171 L	3.24	2.91	.33
08734	ALUMINUM WEATHERSTRIPPING FIELD APPLICATION ONLY, FABRICATED SET					
.0100	ALUMINUM DOOR FRAME	LF	0.096 L	2.91	1.64	1.27
08735	BRONZE WEATHERSTRIPPING FIELD APPLICATION ONLY, FABRICATED SET					
.0100	BRONZE DOOR FRAME	LF	0.180 L	5.57	3.06	2.51
.0200	METAL DOOR FRAME	LF	0.180 L	5.57	3.06	2.51
08740	THRESHOLDS AND SADDLES					
.0104	CAST IRON, 4 INCH WIDTH	LF	0.227 L	9.71	3.87	5.84
.0106	CAST IRON, 6 INCH WIDTH	LF	0.227 L	10.55	3.87	6.68
.0108	CAST IRON, 8 INCH WIDTH	LF	0.227 L	11.64	3.87	7.76
.1104	ALUMINUM, 4 INCH WIDTH	LF	0.227 L	9.81	3.87	5.94
.1106	ALUMINUM, 6 INCH WIDTH	LF	0.227 L	10.79	3.87	6.92
.1108	ALUMINUM, 8 INCH WIDTH	LF	0.227 L	12.20	3.87	8.33
.2104	BRONZE, 4 INCH WIDTH	LF	0.227 L	13.39	3.87	9.52
.2106	BRONZE, 6 INCH WIDTH	LF	0.227 L	15.60	3.87	11.73
.2108	BRONZE, 8 INCH WIDTH	LF	0.227 L	19.40	3.87	15.53
.8101	FOR ABRAISIVE FINISH ADD/LF	LF		1.18		1.18
.8102	FOR INTERLOCK WEATHERSTRIPPING ADD/LF	LF	0.067 L	3.52	1.14	2.38
.8103	FOR LIGHTPROOF AND/OR SOUNDPROOF TYPE ADD/LF	LF	0.122 L	7.57	2.08	5.49
08800	GLAZING PRICES ARE BASED ON STOCK SIZED GLASS. IF ONE DIMENSION OR TOTAL SQUARE FEET EXCEED SIZED LISTED, USE PRICES OF NEXT LARGER RANGE. CONSULT OTHER UCI SECTIONS FOR PRICE OF GLAZING COMPOUNDS, GLASS CLEANING & SPECIAL CONDITIONS. FIGURED SQUARE FEET OF GLASS AREA MUST INCLUDE ALL WASTE GLASS.					
08810	PLATE GLASS					
08811	PLATE GLASS, CLEAN POLISHED					
.0403	1/4 IN X 5 FT X 6 FT 0 IN (UP TO 25 SF)	SF	0.054 M	2.87	1.86	1.01
.0405	1/4 IN X 7 FT X 8 FT 0 IN (26 TO 50 SF)	SF	0.029 M	3.10	2.03	1.07
.0407	1/4 IN X 8 FT X 12 FT 0 IN (51 TO 75 SF)	SF	0.042 M	3.52	2.28	1.24
.0410	1/4 IN X 10 FT X 14 FT 2 IN (76 TO 100 SF)	SF	0.031 M	3.71	2.19	1.52
.0411	1/4 IN X 10 FT X 18 FT 0 IN (OVER 100 SF)	SF	0.029 M	3.71	2.03	1.68
.0603	3/8 IN X 5 FT X 6 FT 0 IN (UP TO 25 SF)	SF	0.062 M	3.92	2.15	1.77
.0605	3/8 IN X 7 FT X 8 FT 0 IN (26 TO 50 SF)	SF	0.046 M	4.43	2.52	1.91
.0607	3/8 IN X 8 FT X 12 FT 0 IN (51 TO 75 SF)	SF	0.048 M	4.84	2.69	2.15
.0610	3/8 IN X 10 FT X 14 FT 2 IN (76 TO 100 SF)	SF	0.037 M	5.07	2.61	2.46
.0611	3/8 IN X 10 FT X 18 FT 0 IN (OVER 100 SF)	SF	0.036 M	5.34	2.52	2.82
.0803	1/2 IN X 5 FT X 6 FT 0 IN (UP TO 25 SF)	SF	0.075 M	5.36	2.99	2.37
.0805	1/2 IN X 7 FT X 8 FT 0 IN (26 TO 50 SF)	SF	0.042 M	5.96	2.92	3.04
.0807	1/2 IN X 8 FT X 12 FT 0 IN (51 TO 75 SF)	SF	0.045 M	6.53	3.17	3.36
.0810	1/2 IN X 10 FT X 14 FT 2 IN (76 TO 100 SF)	SF	0.044 M	6.76	3.01	3.75
.0811	1/2 IN X 10 FT X 18 FT 0 IN (OVER 100 SF)	SF	0.042 M	7.32	2.92	4.40
.1203	3/4 IN X 5 FT X 6 FT 0 IN (UP TO 25 SF)	SF	0.124 M	9.65	4.43	5.22
.1205	3/4 IN X 7 FT X 8 FT 0 IN (26 TO 50 SF)	SF	0.071 M	10.81	4.91	5.90
.1207	3/4 IN X 8 FT X 12 FT 0 IN (51 TO 75 SF)	SF	0.077 M	11.49	5.37	6.12
.1210	3/4 IN X 10 FT X 14 FT 2 IN (76 TO 100 SF)	SF	0.074 M	11.79	5.22	6.57
.1211	3/4 IN X 10 FT X 18 FT 0 IN (OVER 100 SF)	SF	0.071 M	12.12	4.97	7.15
.1603	1 IN X 5 FT X 6 FT 0 IN (UP TO 25 SF)	SF	0.210 M	16.10	7.27	8.83
.1605	1 IN X 7 FT X 8 FT 0 IN (26 TO 50 SF)	SF	0.116 M	17.99	8.06	9.93
.1607	1 IN X 8 FT X 12 FT 0 IN (51 TO 75 SF)	SF	0.124 M	18.70	8.67	10.03

UCI	DESCRIPTION	UNIT	M/T	TOTAL	LABOR	MATERIAL
08011	PLATE GLASS, CLEAR POLISHED		CONTINUED			
.1610	1 IN X 10 FT X 14 FT X 2 IN (76 TO 100 SF)	SF	0.122 M	10.87	8.47	10.40
.1611	1 IN X 10 FT X 14 FT X 2 IN (OVER 100 SF)	SF	0.119 M	19.29	8.31	10.98
08012	SHEET GLASS					
.0101	SINGLE STRENGTH GRADE A (UP TO 14 SF)	SF	0.029 M	1.63	1.02	.61
.0102	SINGLE STRENGTH GRADE B (UP TO 14 SF)	SF	0.029 M	1.55	1.02	.53
.0201	DOUBLE STRENGTH GRADE A (UP TO 25 SF)	SF	0.029 M	1.87	1.02	.85
.0202	DOUBLE STRENGTH GRADE B (UP TO 25 SF)	SF	0.029 M	1.77	1.02	.75
.0350	3/16 IN CLEAR (UP TO 50 SF)	SF	0.014 M	1.85	.97	.88
.0750	7/32 IN CLEAR (UP TO 50 SF)	SF	0.017 M	2.14	1.22	.92
08013	TEMPERED GLASS, CLEAR POLISHED					
.0402	1/4 IN X 3 FT X 6 FT 0 IN (UP TO 15 SF)	SF	0.054 M	4.77	1.86	2.91
.0403	1/4 IN X 5 FT X 6 FT 0 IN (UP TO 25 SF)	SF	0.059 M	5.05	2.06	2.99
.0405	1/4 IN X 7 FT X 6 FT 0 IN (26 TO 50 SF)	SF	0.032 M	3.54	2.20	3.20
.0407	1/4 IN X 8 FT X 10 FT 0 IN (51 TO 75 SF)	SF	0.031 M	5.88	2.19	3.67
.0410	1/4 IN X 8 FT X 12 FT 0 IN (76 TO 100 SF)	SF	0.029 M	6.10	2.03	4.07
.0602	3/8 IN X 6 FT X 11 FT 0 IN (26 TO 50 SF)	SF	0.031 M	5.95	2.19	3.76
.0603	3/8 IN X 5 FT X 6 FT 0 IN (UP TO 25 SF)	SF	0.071 M	6.55	2.48	4.07
.0605	3/8 IN X 7 FT X 6 FT 0 IN (26 TO 50 SF)	SF	0.039 M	7.19	2.77	4.42
.0607	3/8 IN X 8 FT X 10 FT 0 IN (51 TO 75 SF)	SF	0.037 M	7.37	2.61	4.76
.0610	3/8 IN X 8 FT X 12 FT 0 IN (76 TO 100 SF)	SF	0.035 M	7.88	2.44	5.44
.0802	1/2 IN X 3 FT X 6 FT 0 IN (UP TO 15 SF)	SF	0.075 M	7.33	2.89	4.44
.0803	1/2 IN X 5 FT X 6 FT 0 IN (UP TO 25 SF)	SF	0.083 M	7.87	2.59	4.98
.0805	1/2 IN X 7 FT X 6 FT 0 IN (26 TO 50 SF)	SF	0.045 M	7.84	3.17	4.67
.0807	1/2 IN X 8 FT X 10 FT 0 IN (51 TO 75 SF)	SF	0.043 M	8.90	3.01	5.89
.0810	1/2 IN X 8 FT X 12 FT 0 IN (76 TO 100 SF)	SF	0.042 M	9.18	2.92	6.24
.1202	3/4 IN X 3 FT X 6 FT 0 IN (UP TO 15 SF)	SF	0.126 M	12.59	4.43	8.16
.1203	3/4 IN X 5 FT X 6 FT 0 IN (UP TO 25 SF)	SF	0.142 M	13.29	4.92	8.37
.1205	3/4 IN X 7 FT X 6 FT 0 IN (26 TO 50 SF)	SF	0.076 M	14.21	5.45	8.76
.1206	3/4 IN X 7 FT X 9 FT 0 IN (51 TO 60 SF)	SF	0.075 M	14.26	5.22	9.04
.1207	3/4 IN X 8 FT X 10 FT 0 IN (51 TO 75 SF)	SF	0.075 M	14.74	5.22	9.52
.1802	1 IN X 3 FT X 6 FT 0 IN (UP TO 15 SF)	SF	0.209 M	10.25	7.24	11.01
.1803	1 IN X 5 FT X 6 FT 0 IN (UP TO 25 SF)	SF	0.224 M	19.18	7.77	11.41
.1805	1 IN X 6 FT X 9 FT 0 IN (26 TO 50 SF)	SF	0.117 M	20.10	8.14	11.96
.1806	1 IN X 6 FT X 9 FT 0 IN (51 TO 55 SF)	SF	0.128 M	21.12	8.87	12.25
.0100	FOR SOLARSHONZE OR SOLARGREY ADD 15 PCT TO MAT. COSTS		PCT			
08014	WINED GLASS					
.0402	1/4 IN POLISHED X 3 FT X 6 FT (UP TO 15 SF)	SF	0.054 M	3.23	1.86	1.37
.0403	1/4 IN POLISHED X 4 FT X 6 FT (UP TO 25 SF)	SF	0.059 M	3.52	2.06	1.46
.0405	1/4 IN POLISHED X 4 FT X 11 FT (26 TO 50 SF)	SF	0.032 M	3.96	2.20	1.60
.1402	1/4 IN HAMMENDED X 3 FT X 6 FT (UP TO 15 SF)	SF	0.054 M	2.94	1.86	1.08
.1403	1/4 IN HAMMENDED X 4 FT X 6 FT (UP TO 25 SF)	SF	0.059 M	3.27	2.06	1.21
.1405	1/4 IN HAMMENDED X 5 FT X 11 FT (26 TO 50 SF)	SF	0.032 M	3.65	2.20	1.37
.2402	1/4 IN STIPPLED X 3 FT X 6 FT (UP TO 15 SF)	SF	0.054 M	3.01	1.86	1.15
.2403	1/4 IN STIPPLED X 4 FT X 6 FT (UP TO 25 SF)	SF	0.059 M	3.30	2.06	1.24
.2405	1/4 IN STIPPLED X 5 FT X 11 FT (26 TO 50 SF)	SF	0.032 M	3.71	2.20	1.43
08021	COATED GLASS (TINTED) SOLARSHONZE OR SOLARGREY					
.0403	1/4 IN X 5 FT X 6 FT 0 IN (UP TO 25 SF)	SF	0.054 M	3.10	1.86	1.24
.0405	1/4 IN X 7 FT X 6 FT 0 IN (26 TO 50 SF)	SF	0.029 M	3.43	2.03	1.40
.0407	1/4 IN X 8 FT X 12 FT 0 IN (51 TO 75 SF)	SF	0.032 M	3.75	2.20	1.47
.0410	1/4 IN X 10 FT X 14 FT 2 IN (76 TO 100 SF)	SF	0.031 M	3.96	2.19	1.77
.0411	1/4 IN X 10 FT X 14 FT 0 IN (OVER 100 SF)	SF	0.029 M	3.94	2.03	1.91
.0603	3/8 IN X 5 FT X 6 FT 0 IN (UP TO 25 SF)	SF	0.082 M	4.58	2.15	2.43
.0605	3/8 IN X 7 FT X 6 FT 0 IN (26 TO 50 SF)	SF	0.035 M	5.15	2.44	2.71
.0607	3/8 IN X 8 FT X 12 FT 0 IN (51 TO 75 SF)	SF	0.039 M	5.69	2.77	2.92
.0610	3/8 IN X 10 FT X 14 FT 2 IN (76 TO 100 SF)	SF	0.037 M	5.82	2.61	3.21
.0611	3/8 IN X 10 FT X 14 FT 0 IN (OVER 100 SF)	SF	0.035 M	5.88	2.44	3.44
.0803	1/2 IN X 5 FT X 6 FT 0 IN (UP TO 25 SF)	SF	0.075 M	6.34	2.59	3.75
.0805	1/2 IN X 7 FT X 6 FT 0 IN (26 TO 50 SF)	SF	0.042 M	6.97	2.92	4.05
.0807	1/2 IN X 8 FT X 12 FT 0 IN (51 TO 75 SF)	SF	0.043 M	7.65	3.17	4.48
.0810	1/2 IN X 10 FT X 14 FT 2 IN (76 TO 100 SF)	SF	0.043 M	7.80	3.01	4.79
.0811	1/2 IN X 10 FT X 14 FT 0 IN (OVER 100 SF)	SF	0.042 M	8.05	2.92	5.13

UCI	DESCRIPTION	UNIT	R/T	TOTAL	LABOR	MATERIAL
08822	LAMINATED GLASS (SAFETY PLATE)					
.0402	1/4 IN X 3 FT X 6 FT 0 IN (UP TO 15 SF)	SF	0.044 M	4.64	1.54	3.10
.0403	1/4 IN X 3 FT X 6 FT 6 IN (16 TO 25 SF)	SF	0.050 M	4.99	1.75	3.24
.0405	1/4 IN X 6 FT X 11 FT 6 IN (26 TO 50 SF)	SF	0.062 M	5.62	2.15	3.47
.0602	3/8 IN X 3 FT X 6 FT 0 IN (UP TO 15 SF)	SF	0.052 M	5.50	1.83	3.67
.0603	3/8 IN X 3 FT X 6 FT 6 IN (16 TO 25 SF)	SF	0.059 M	5.99	2.06	3.93
.0605	3/8 IN X 6 FT X 11 FT 6 IN (26 TO 50 SF)	SF	0.034 N	6.70	2.36	4.34
.0802	1/2 IN X 3 FT X 6 FT 0 IN (UP TO 15 SF)	SF	0.068 M	6.58	2.36	4.22
.0803	1/2 IN X 3 FT X 6 FT 6 IN (16 TO 25 SF)	SF	0.116 M	11.70	4.03	7.67
.0805	1/2 IN X 6 FT X 11 FT 6 IN (26 TO 50 SF)	SF	0.039 M	6.14	2.77	3.37
.1202	3/4 IN X 3 FT X 6 FT 0 IN (UP TO 15 SF)	SF	0.117 M	10.96	3.40	6.66
.1203	3/4 IN X 3 FT X 6 FT 6 IN (16 TO 25 SF)	SF	0.121 M	11.24	4.18	7.06
.1205	3/4 IN X 6 FT X 11 FT 6 IN (26 TO 50 SF)	SF	0.068 M	12.06	4.72	7.34
.1602	1 IN X 3 FT X 6 FT 0 IN (UP TO 15 SF)	SF	0.191 M	18.15	6.63	9.52
.1603	1 IN X 3 FT X 6 FT 6 IN (16 TO 25 SF)	SF	0.197 M	17.03	6.83	10.20
.1605	1 IN X 6 FT X 11 FT 6 IN (26 TO 50 SF)	SF	0.110 M	16.54	7.65	10.89
08823	INSULATING GLASS, CLEAR POLISHED					
.0810	1/2 IN TOTAL THICK, UP TO 10 SF	SF	0.072 M	7.42	2.52	4.90
.1020	5/8 IN TOTAL THICK, UP TO 20 SF	SF	0.085 M	6.23	2.97	3.26
.1612	1 IN TOTAL THICK X 3 FT X 6 FT 0 IN	SF	0.075 M	7.40	2.59	4.81
.1620	1 IN TOTAL THICK X 4 FT X 7 FT 0 IN	SF	0.044 M	6.38	3.09	3.29
.1645	1 IN TOTAL THICK X 4 FT X 6 FT 10 IN	SF	0.049 M	9.23	3.42	5.81
.8100	FOR SOLARWARM OR SOLARKEY ONE SIDE ADD 10 PCT TO MATL COSTS	PCT				
.8200	FOR CUSTOM SIZES ADD 15 PCT TO MATL COSTS	PCT				
08824	BULLET RESISTANT GLASS					
.1202	3/4 IN X 3 FT X 6 FT 0 IN (UP TO 15 SF)	SF	0.056 M	20.24	3.91	16.33
.1203	3/4 IN X 3 FT X 6 FT 6 IN (16 TO 25 SF)	SF	0.061 M	21.90	4.23	17.67
.1205	3/4 IN X 6 FT X 11 FT 6 IN (26 TO 50 SF)	SF	0.067 M	23.70	4.64	19.06
.1602	1 IN X 3 FT X 6 FT 0 IN (UP TO 15 SF)	SF	0.091 M	26.12	6.36	21.76
.1603	1 IN X 3 FT X 6 FT 6 IN (16 TO 25 SF)	SF	0.096 M	29.96	6.84	23.12
.1605	1 IN X 6 FT X 11 FT 6 IN (26 TO 50 SF)	SF	0.109 M	33.43	7.57	25.86
.1902	1-3/16 IN X 3 FT X 6 FT 0 IN (UP TO 15 SF)	SF	0.099 M	34.11	6.92	27.19
.1903	1-3/16 IN X 3 FT X 6 FT 6 IN (16 TO 25 SF)	SF	0.112 M	39.11	7.82	31.29
.1905	1-3/16 IN X 6 FT X 11 FT 6 IN (26 TO 50 SF)	SF	0.121 M	45.16	8.39	36.77
08825	ADDITIVE COSTS TO GLAZING					
.8100	FOR PANELED LEAD THAN 2 SF ADD 20 PCT TO LABOR COSTS AND 5 PCT TO MATL COSTS	PCT				
.8220	FOR BUILDINGS OVER 6 AND UP TO 20 STORIES HIGH ADD/SF TO TOTAL COSTS	SF		1.15	1.15	
.8221	FOR BUILDINGS OVER 20 STORIES HIGH ADD/SF TO TOTAL COSTS	SF		2.15	2.15	
.8308	FOR 1/4 IN GLASS EDGE WORK ADD/LF TO LABOR COSTS	LF		.37	.37	
.8309	FOR 1/2 IN GLASS EDGE WORK ADD/LF TO LABOR COSTS	LF		.42	.42	
.8400	FOR CIRCLES ADD/LINEAR INCH OF CIRCUMFERENCE TO TOTAL COSTS	IN		.76	.10	.66
.8500	FOR GRIND EDGES OF SPECIAL CUT GLASS ADD LINEAR INCH TO MATL COSTS	IN		.31		.31
08826	GLAZING ACCESSORIES					
08821	GLAZING COMPOUND CAULKING					
.0102	FOR 1/4 IN GLASS	LF	0.018 P	.42	.32	.10
.0103	FOR 3/8 IN GLASS	LF	0.019 P	.50	.34	.16
.0104	FOR 1/2 IN GLASS	LF	0.021 P	.56	.36	.20
.0106	FOR 3/4 IN GLASS	LF	0.023 P	.73	.41	.32
.0108	FOR 1 IN GLASS	LF	0.025 P	.87	.44	.43
08822	THICKOL SEALANT CAULKING					
.0102	FOR 1/4 IN GLASS	LF	0.018 P	.46	.32	.14
.0103	FOR 3/8 IN GLASS	LF	0.019 P	.56	.34	.22
.0104	FOR 1/2 IN GLASS	LF	0.021 P	.66	.36	.30

UCI	DESCRIPTION	UNIT	M/T	TOTAL	LABOR	MATERIAL
08953	SILICONE SEALANT CAULKING					
.0102	FOR 1/4 IN GLASS	LF	0.019 P	.52	.34	.18
.0103	FOR 3/8 IN GLASS	LF	0.021 P	.64	.36	.28
.0104	FOR 1/2 IN GLASS	LF	0.023 P	.79	.41	.38
08900	WINDOW WALLS/CURTAIN WALLS PRICES FOR WALL SYSTEMS ARE GENERALLY QUOTED BY A SUBCONTRACTOR ON A PROJECT OR SF BASIS					
08901	ALUMINUM CURTAIN WALL SYSTEM THE COST/SF BASIS OF CURTAIN WALL, COMPOSED OF ALUMINUM FRAMING, GLAZING, SPANDREL COVERS, SEALANTS & SUPPORTING IRON, RANGES FROM \$11.85/SF TO \$29.65/SF. THE MEDIAN IS PEGGED \$14.00/SF TO \$19.75/SF.	SF	0.141 M	18.87	7.56	11.31
.0100	MEDIAN COST/SF BASIS					
08902	STAINLESS STEEL CURTAIN WALL SYSTEM					
.8100	ADD 40 PCT TO THE MEDIAN COST/SF BASIS OF ALUMINUM CURTAIN WALL SYSTEM ALSO TO THE RANGES.	PCT				
08903	BRONZE CURTAIN WALL SYSTEM					
.8100	ADD 100 PCT TO THE MEDIAN COST/SF BASIS OF ALUMINUM CURTAIN WALL SYSTEM ALSO TO THE RANGES.	PCT				
08911	ALUMINUM CURTAIN WALL SECTIONS STOCK 0.125 IN THICK EXTRUSIONS, CLEAN FINISH.					
.0108	JAMB, HEAD OR MULLION SECTIONS 2 IN X 4 IN	LF	0.200 M	26.48	10.73	15.75
.0110	JAMB, HEAD OR MULLION SECTIONS 2 IN X 5 IN	LF	0.205 M	28.30	11.00	17.30
.0112	JAMB, HEAD OR MULLION SECTIONS 2 IN X 6 IN	LF	0.209 M	30.03	11.19	18.84
.0115	JAMB, HEAD OR MULLION SECTIONS 3 IN X 5 IN	LF	0.243 M	33.82	13.03	20.79
.0118	JAMB, HEAD OR MULLION SECTIONS 3 IN X 6 IN	LF	0.256 M	37.50	13.73	23.77
.0121	JAMB, HEAD OR MULLION SECTIONS 3 IN X 7 IN	LF	0.266 M	41.07	14.23	26.84
.0124	JAMB, HEAD OR MULLION SECTIONS 4 IN X 6 IN	LF	0.348 M	45.44	16.62	28.82
.0132	JAMB, HEAD OR MULLION SECTIONS 4 IN X 8 IN	LF	0.369 M	49.17	19.78	29.41
.0148	JAMB, HEAD OR MULLION SECTIONS 4 IN X 12 IN	LF	0.419 M	60.12	22.44	37.68
.0206	COPING SECTIONS 6 IN WIDE FLAT	LF	0.020 M	1.96	1.08	.88
.0208	COPING SECTIONS 8 IN WIDE FLAT	LF	0.022 M	2.31	1.21	1.10
.0210	COPING SECTIONS 10 IN WIDE SHAPED	LF	0.024 M	4.30	1.33	2.97
.0217	COPING SECTIONS 12 IN WIDE SHAPED	LF	0.027 M	5.18	1.46	3.72
.0218	COPING SECTIONS 14 IN WIDE SHAPED	LF	0.030 M	6.71	1.65	5.06
.0306	EXTENSION SILL SECTIONS 6 IN SHAPED	LF	0.021 M	2.50	1.14	1.36
.0308	EXTENSION SILL SECTIONS 8 IN SHAPED	LF	0.024 M	3.43	1.33	2.10
.0312	EXTENSION SILL SECTIONS 12 IN SHAPED	LF	0.030 M	5.61	1.65	3.96
.0314	EXTENSION SILL SECTIONS 14 IN SHAPED	LF	0.040 M	6.79	2.16	4.63
.0316	EXTENSION SILL SECTIONS 16 IN SHAPED	LF	0.051 M	7.90	2.73	5.17
.8100	FOR BRONZE ANODIZED FINISH ADD 15 PCT TO MATL COSTS					
08912	ALUMINUM CURTAIN WALL COVERS					
.0102	MULLION COVERS 1/8 IN CLEAR FINISH FLAT	SF	0.011 M	2.46	.64	1.82
.0202	COLUMN COVERS 1/8 IN CLEAR FINISH FLAT	SF	0.011 M	2.46	.64	1.82
.0303	SPANDREL COVERS 3/16 IN CLEAR FINISH PANELS	SF	0.017 M	2.93	.95	1.98
.0304	SPANDREL COVERS 1/4 IN CLEAR FINISH PANELS	SF	0.024 M	3.64	1.33	2.31
.0400	SPANDREL COVERS PORCELAIN ENAMEL PANELS	SF	0.027 M	3.42	1.46	1.96
.0502	SPANDREL COVERS 2 IN INSULATED METAL PANELS	SF	0.022 M	7.81	1.21	6.60
.0504	SPANDREL COVERS 4 IN INSULATED METAL PANELS	SF	0.033 M	9.16	1.70	7.46
.0604	SPANDREL COVERS 1/4 IN SPANDRELITE GLASS	SF	0.022 M	3.64	1.21	2.43
08921	STAINLESS STEEL CURTAIN WALL SECTIONS					
.0100	ADD 35 PCT TO MATL COSTS AND 5 PCT TO LABOR COSTS OF ALUMINUM CURTAIN WALL SECTIONS	PCT				
08922	STAINLESS STEEL CURTAIN WALL COVERS					
.0100	ADD 25 PCT TO MATL COSTS OF ALUMINUM MATERIALS OF ALUMINUM CURTAIN WALL COVERS	PCT				

UCI	DESCRIPTION	UNIT	M/Y	TOTAL	LABOR	MATERIAL
00931	BRONZE CURTAIN WALL SECTIONS					
.0100	ADD 165 PCT TO MATL COSTS AND 15 PCT TO LABOR COSTS OF ALUMINUM CURTAIN WALL SECTIONS	PCT				
00932	BRONZE CURTAIN WALL COVERS					
.0100	ADD 160 PCT TO MATL COSTS OF ALUMINUM MATERIALS OF ALUMINUM CURTAIN WALL COVERS	PCT				