

Alpha Building Corporation

221 E Van Buren Suite #503

Harlingen, TX 78550

956-622-3242 Fax 956-622-3102

Scope of Work Proposal

Delivery Order Work Proposal

For

Linn/San Manuel Monument Improvements

Date: 12-5-2013

Title: Linn/San Manuel Monument Improvements

Location: Edinburg

Attn. Moises Salazar

Dear Mr. Salazar

We are pleased to provide you with our proposal quote for the “Linn/San Manuel Monument Improvements” project. Our proposal is based off of the accompanying scope of work.

Our extended price to the Hidalgo County is provided to you under the Choice Facilities Partners, HCDE Statewide JOC.

We look forward to working with you on this project and hope to be able to help you with the rest of the phases associated with it. If you have any questions concerning this proposal or we may be of assistance in any other way please don't hesitate to call on me.

Warmest Regards,

Jamie Tijerina

Project Manager/Estimator

Description of Work

Linn/San Manuel Monument Improvements

Project Cost: \$ 9,653.00

Scope of Work

Form and install 10X10 ft. concrete pad adjacent to existing slab on west side and tie into existing concrete slab. Install customer selected stone pavers, “Natural Face Villa Café” minus 1 in thick. Stone to cover new and existing concrete.

Staging:

- Establish with the direction of the owner a materials and equipment staging area.
- Provide for disposal of all demolition spoils and debris at an approved disposal facility if appropriate or as may be directed by the owner or plans and specifications.
- Provide protection of existing construction as necessary

Exclusions:

- Hazardous material surveys, work, and clearances are not included in this scope of work and are to be completed by others if required.
- Landscaping
- Unforeseen or acts of god

Clarifications:

No work on change variances (orders) will be performed without written and documented authorized documentation.

Material and labor associated with unforeseen or unexpected conditions are not included with this scope of work and proposal. Any costs associated with unforeseen or unexpected conditions are above and beyond this scope of work and will incur additional cost above and beyond those proposed with this scope of work.

Assumptions:

- Hazardous material work: Not included
- Special lead time equipment and materials. None.
- Interface with existing structure: Existing structure to be unavailable during construction.
- Possible disruption to building personnel and plans to minimize: None
- Outages: None

- Special training/Orientation Requirements: None
- Work to be performed during non-normal hours: None
- Outage Coordination: Alpha supt. and Hidalgo County Designate
- Schedule Issues: None
- Special Security Requirements: As required by Hidalgo County
- Significant Milestones: None
- Hazardous Materials: None

Quality Assurance Considerations: A pre-final inspection will be held 1 day prior to final completion date. Any items identified will be corrected before request for final inspection.

I. STAFFING PLAN:

- | | | | |
|---------------------|------------|---------------------------------|------------|
| A. Project Manager: | <u>TBD</u> | C. Quality Control Coordinator: | <u>TBD</u> |
| B. Superintendent: | <u>TBD</u> | D. Subcontractors: | |

II. PERMITS: None Required

- | | | |
|---------------|----------|----------|
| A. City Demo. | | |
| B. Burning: | Welding: | Cutting: |

SUBMITTAL REQUIREMENTS:

III. CONSTRUCTIBILITY & VALUE ENGINEERING SUGGESTIONS:

None

Submitted By:

Approved By:

_____ Date _____

RSMMeans JOCWorks

Final Estimate
Gus Grajales
Alpha Building Corporation
RFP# 10/030JC - HCDE Statewide
Monument Concrete Flat Work and Stone Work - Linn San
Manuel Copconcrete 2013

Estimator: Gus Grajales

Monument Concrete Flat Work and Stone Work

Project Scope: Provide and Install Concrete and Stone Work

Division Summary (MF04)

01 - General Requirements	\$5,817.50	26 - Electrical	
02 - Existing Conditions		27 - Communications	
03 - Concrete		28 - Electronic Safety and Security	
04 - Masonry		31 - Earthwork	
05 - Metals		32 - Exterior Improvements	\$12,060.00
06 - Wood, Plastics, and Composites		33 - Utilities	
07 - Thermal and Moisture Protection		34 - Transportation	
08 - Openings		35 - Waterway and Marine Transportation	
09 - Finishes		41 - Material Processing and Handling Equipment	
10 - Specialties		44 - Pollution Control Equipment	
11 - Equipment		46 - Water and Wastewater Equipment	
12 - Furnishings		48 - Electric Power Generation	
13 - Special Construction		Alternates	\$(5,516.63)
14 - Conveying Equipment		Trades	
21 - Fire Suppression		Assemblies	
22 - Plumbing		FMR	
23 - Heating, Ventilating, and Air-Conditioning (HVAC)		MF04 Total (Without totalling components)	\$12,360.87

Discount

Totalling Components

RSMMeans Subtotal	\$12,360.87	CCI Installation Adjustment (McAllen) (6.0000%)	\$540.32
RSMMeans MCALLEN, TX CCI 2013Q4, 79.60%	\$(2,521.62)	JOC Coefficient Standard (-7.0000%)	\$(726.57)

Material, Labor, and Equipment Totals (No Totalling Components)

Material:	\$3,355.42
Labor:	\$9,005.45
Equipment:	\$0.00
Other:	\$0.00
Laborhours:	100.99
Green Line Items:0	\$0.00

Priced/Non-Priced

Total Priced Items:	6	\$12,360.87	
Total Non-Priced Items:	0	\$0.00	0.00%
	6	\$12,360.87	

Grand Total **\$9,653.00**

Final Estimate

Estimator: Gus Grajales

Monument Concrete Flat Work and Stone Work

Item	Description	UM	Quantity	Unit Cost	Total	Book	
01 - General Requirements							
1	01-31-13-20-0200	Field personnel, project manager, average	Week	0.5000	\$3,525.00	\$1,762.50 RSM13FAC L, O&P	P
2	01-31-13-20-0260	Field personnel, superintendent, average	Week	1.0000	\$3,275.00	\$3,275.00 RSM13FAC L, O&P	P
3	01-56-26-50-0020	Temporary fencing, chain link, 11 gauge, 4' high	L.F.	150.0000	\$5.20	\$780.00 RSM13FAC M, L, O&P	P
01 - General Requirements Total						\$5,817.50	
32 - Exterior Improvements							
4	32-06-10-10-0310	Sidewalks, driveways and patios, excluding base, concrete, 3000 PSI, cast in place, 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 4" thick	S.F.	100.0000	\$4.44	\$444.00 RSM13FAC M, L, O&P	P
5	32-14-40-10-1310	Stone pavers, flagging, slate, natural cleft, irregular, 1" thick	S.F.	484.0000	\$24.00	\$11,616.00 RSM13FAC M, L, O&P	P
32 - Exterior Improvements Total						\$12,060.00	
Alternates							
6	321440100001	Discount Discount	Job	1.0000	\$-5,516.63	\$(5,516.63) CUSTOM M, L, B	P
Alternates Total						\$(5,516.63)	
Estimate Grand Total						9,653.00	



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/5/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER HUB International Insurance Services 10777 Westheimer Suite 300 Houston TX 77042-3454		CONTACT NAME: PHONE (A/C, No, Ext): 713-978-6668 E-MAIL: houston_service@hubinternational.com ADDRESS: houston_service@hubinternational.com		FAX (A/C, No): 713-978-6799	
INSURED Alpha Building Corporation 24850 Blanco Rd. San Antonio TX 78260-6656		INSURER(S) AFFORDING COVERAGE		NAIC #	
20017		INSURER A : TRAVELERS IND CO OF CT		25682	
		INSURER B : CHARTER OAK FIRE INS CO		25615	
		INSURER C : TRAVELERS LLOYDS INS CO		41262	
		INSURER D : UNITED STATES FIRE INS CO		21113	
		INSURER E :			
		INSURER F :			

COVERAGES **CERTIFICATE NUMBER:** 653751296 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
C	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	Y	Y	CO0324L158	3/6/2013	3/6/2014	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	Y	Y	BA9994B367	3/6/2013	3/6/2014	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A D	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10,000			CUP5461B367 5227471278	3/6/2013 3/6/2013	3/6/2014 3/6/2014	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 Excess \$13,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	UB9834C372	3/6/2013	3/6/2014	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E L EACH ACCIDENT \$1,000,000 E L DISEASE - EA EMPLOYEE \$1,000,000 E L DISEASE - POLICY LIMIT \$1,000,000
C	Builders Risk Equipment Floater Temporary Storage **			QT66045433912	3/6/2013	3/6/2014	Any One Project \$5,000,000 Leased & Rented \$100,000 Limit Per Occurrence \$150,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

The General Liability and Automobile Liability policies include a blanket automatic additional insured endorsement or policy terms that provide additional insured status to the certificate holder only when there is a written contract between the named insured and the certificate holder that requires such status subject to policy terms and conditions. The General Liability policy includes the "products-completed operations" hazard only when there is a written contract between the named insured and the certificate holder that requires such status subject to policy terms and conditions. The General Liability and Automobile Liability policies contain a special endorsement with "Primary and Noncontributory" wording subject to policy terms and conditions. The General Liability, Automobile Liability and Workers Compensation See Attached...

CERTIFICATE HOLDER

Hidalgo County
Attn: Purchasing Department
2812 So. Bus. Hwy. 281
Edinburg TX 78539

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



ADDITIONAL REMARKS SCHEDULE

AGENCY HUB International Insurance Services		NAMED INSURED Alpha Building Corporation 24850 Blanco Rd. San Antonio TX 78260-6656	
POLICY NUMBER		EFFECTIVE DATE:	
CARRIER	NAIC CODE		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 FORM TITLE: CERTIFICATE OF LIABILITY INSURANCE

policies include a blanket automatic waiver of subrogation endorsement that provides a waiver of subrogation only when there is a written contract between the named insured and the certificate holder that requires it subject to policy terms and conditions. The General Liability, Automobile Liability and Workers Compensation policies include a blanket notice of cancellation to certificate holder's endorsement, providing for 30 days' advance notice if the policy is canceled by the company other than for nonpayment of premium, 10 days' notice after the policy is canceled for nonpayment of premium. Notice is sent to certificate holders with mailing addresses on file with the agent or the company. The Umbrella policy is follow form of the underlying coverages.

**IN TRANSIT \$150,000
 MAX AMOUNT \$5,000,000


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[Vendor Login](#)

Recent Activity

February 26, 2013

New JOC and waterproofing contracts awarded in February

February 27, 2013

Choice Partners honored with seven communication awards

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Events

West Texas County Judges and Commissioners Annual Education Conference

April 22, 2013

Texas Association of Physical Plant Administrators (TAPPA)

April 13, 2013

TxPPA

March 27, 2013

[View All Events](#)

ALPHA BUILDING CORPORATION

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MASTER CATEGORY:

Job Order Contracting

CONTRACT PARTNER: Alpha Building Corporation

CONTRACT NUMBER: 10/030JC-01

CONTRACT TERMS:

Initial Award Date: February 22, 2010

1st Renewal Start Date: February 22, 2011

2nd Renewal Start Date: February 22, 2012

3rd Renewal Start Date: February 22, 2013

Current Expiration Date: February 21, 2014

Renewals Remaining : 3

Contract Partner Web Site:

www.alphabuilding.com

APPROVED MARKET AREA :

TX

Texas Regional Centers :

Regions 10 and 20 Primary

APPROVED PRODUCT OR SERVICE:

JOC services

MWBE/HUB Status: Not Certified

ABOUT THIS PARTNER:

For all your JOC services and needs.

Alpha has been providing general construction services for more than 36 years and has been a JOC contractor for the military, municipalities and educational institutions for 33 years. Alpha has never received a cure notice or walked away from any project before it was completed to the satisfaction of the client. With each client Alpha has become better, fine-tuning processes and broadening their capabilities to provide quality construction services in partnership with clients. Alpha has 78 employees in three states, all staffing JOC project offices.



Cost Data: **Facilities and Commercial Renovation**

Type: **Unit**

Labor Type: **Repair & Remodeling**

Location: **MCALLEN(785)**

Release: **Year 2013 Quarter 4**

013113200200

Include my Custom Data
Advanced Search

Search

Search Results

Page 1 of 1

Lines 1 - 1 of 1

Line Number	Description	Unit	Crew	Daily Output	Labor Hours	Bare Material	Bare Labor	Bare Equipment	Bare Total	Total O&P
013113200200	Field personnel, project manager, average	Week		0.00			2150.00		2150.00	3825.00



Cost Data **Facilities and Commercial Renovation** Type **Unit** Labor Type **Repair & Remodeling** Location **MCALLEH(735)** Release **Year 2013 Quarter 4**

013113200260

Include my Custom Data
Advanced Search

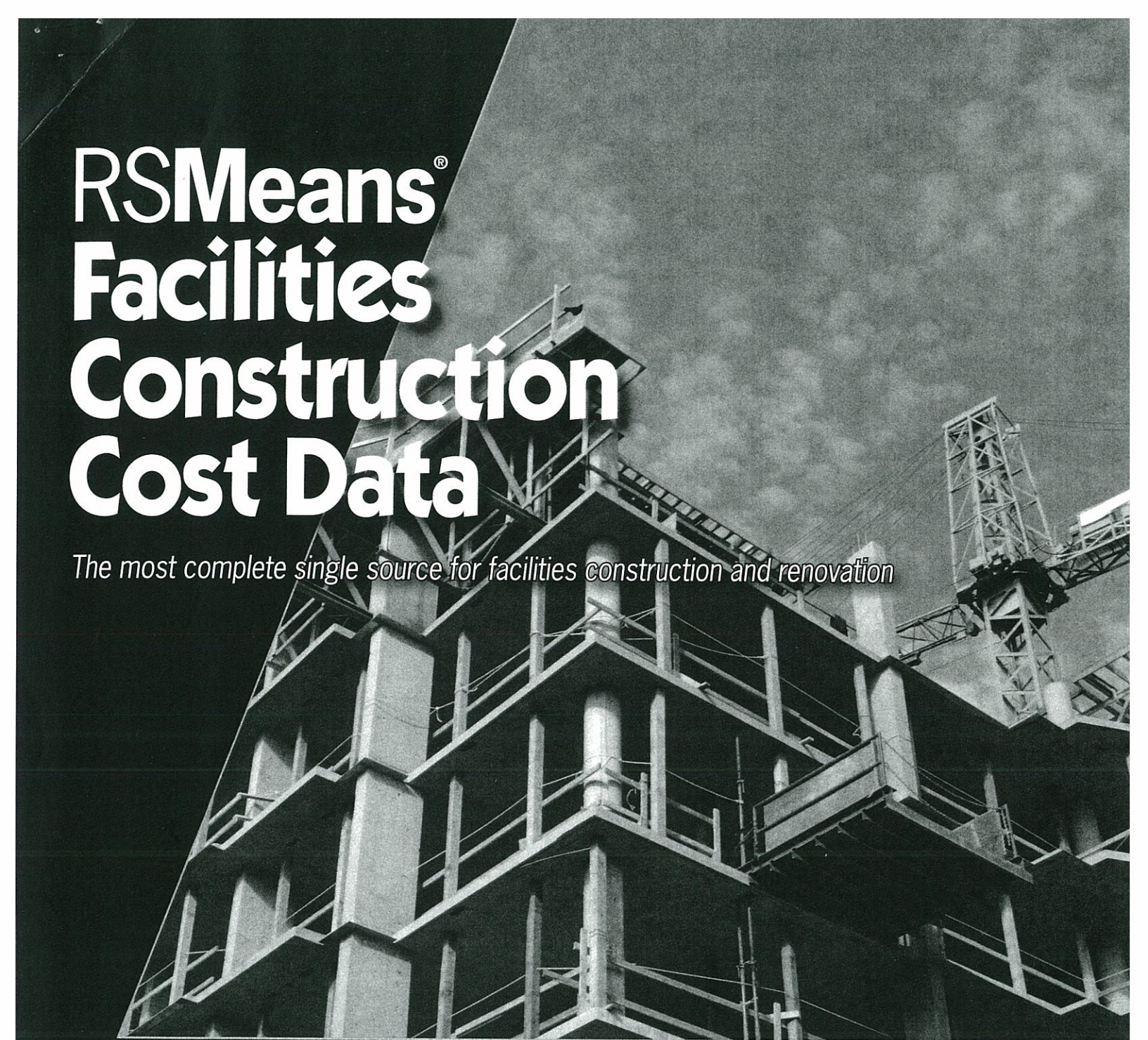
Search

Search Results

Page 1 of 1

Lines 1 - 1 of 1

Line Number	Description	Unit	Crew	Daily Output	Labor Hours	Bare Material	Bare Labor	Bare Equipment	Bare Total	Total O&P
013113200260	Field personnel, superintendent, average	Week			0.00		2000.00		2000.00	3275.00



RSMMeans[®] Facilities Construction Cost Data

The most complete single source for facilities construction and renovation

2 8 t h A N N U A L E D I T I O N

2013

COST DATA FROM THE MOST QUOTED NAME IN CONSTRUCTION

01 56 Temporary Barriers and Enclosures

01 56 23 – Temporary Barricades

01 56 23.10 Barricades		Daily Crew	Labor- Output	Hours	Unit	Material	2013 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0850	28" high				Ea.	17.85			17.85	19.65
1000	Guardrail, wooden, 3' high, 1" x 6", on 2" x 4" posts	2 Carp	200	.080	L.F.	1.30	3.59		4.89	7.35
1100	2" x 6", on 4" x 4" posts	"	165	.097		2.24	4.35		6.59	9.60
1200	Portable metal with base pads, buy					15.55			15.55	17.10
1250	Typical installation, assume 10 reuses	2 Carp	600	.027		2.55	1.20		3.75	4.77
1300	Barricade tape, polyethylene, 7 mil, 3" wide x 500' long roll				Ea.	25			25	27.50
3000	Detour signs, set up and remove									
3010	Reflective aluminum, MUTCD, 24" x 24", post mounted	1 Clab	20	.400	Ea.	2.24	14.20		16.44	26
5000	Barricades, see Section 01 54 33.40									

01 56 26 – Temporary Fencing

01 56 26.50 Temporary Fencing

01 56 26.50 TEMPORARY FENCING		Daily Crew	Labor- Output	Hours	Unit	Material	2013 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0010	TEMPORARY FENCING									
0020	Chain link, 11 ga., 4' high	2 Clab	400	.040	L.F.	2.59	1.42		4.01	5.20
0100	6' high		300	.053		2.59	1.89		4.48	5.95
0200	Rented chain link, 6' high, to 1000' (up to 12 mo.)		400	.040		4.39	1.42		5.81	7.15
0250	Over 1000' (up to 12 mo.)		300	.053		4.29	1.89		6.18	7.80
0350	Plywood, painted, 2" x 4" frame, 4' high	A-4	135	.178		6.20	7.60		13.80	19.25
0400	4" x 4" frame, 8' high	"	110	.218		10.95	9.35		20.30	27.50
0500	Wire mesh on 4" x 4" posts, 4' high	2 Carp	100	.160		9.30	7.20		16.50	22
0550	8' high	"	80	.200		14.10	9		23.10	30.50

01 56 29 – Temporary Protective Walkways

01 56 29.50 Protection

01 56 29.50 PROTECTION		Daily Crew	Labor- Output	Hours	Unit	Material	2013 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0010	PROTECTION									
0020	Stair tread, 2" x 12" planks, 1 use	1 Carp	75	.107	Tread	3.97	4.79		8.76	12.20
0100	Exterior plywood, 1/2" thick, 1 use		65	.123		1.74	5.55		7.29	10.95
0200	3/4" thick, 1 use		60	.133		2.32	6		8.32	12.35
2200	Sidewalks, 2" x 12" planks, 2 uses		350	.023	S.F.	.66	1.03		1.69	2.41
2300	Exterior plywood, 2 uses, 1/2" thick		750	.011		.29	.48		.77	1.11
2500	3/4" thick		600	.013		.39	.60		.99	1.41

01 56 32 – Temporary Security

01 56 32.50 Watchman

01 56 32.50 WATCHMAN		Daily Crew	Labor- Output	Hours	Unit	Material	2013 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0010	WATCHMAN									
0020	Service, monthly basis, uniformed person, minimum				Hr.				25	27.50
0100	Maximum								45.50	50
0200	Person and command dog, minimum								31	34
0300	Maximum								54.50	60
0500	Sentry dog, leased, with job patrol (yard dog), 1 dog				Week				290	320
0600	2 dogs				"				390	430
0800	Purchase, trained sentry dog, minimum				Ea.				1,375	1,500
0900	Maximum				"				2,725	3,000

32 01 Operation and Maintenance of Exterior Improvements

32 01 90 – Operation and Maintenance of Planting

32 01 90.23 Pruning		Crew	Daily Output	Labor-Hours	Unit	Material	2013 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0210	Aerial lift equipment	B-85	12.50	3.200	Ea.		122	84.50	206.50	291
0300	12" caliper, by hand	2 Clab	6.50	2.462			87.50		87.50	143
0310	Aerial lift equipment	B-85	10.80	3.704			141	97.50	238.50	335
0400	18" caliper by hand	2 Clab	5.60	2.857			101		101	166
0410	Aerial lift equipment	B-85	9.30	4.301			164	113	277	390
0500	24" caliper, by hand	2 Clab	4.60	3.478			123		123	202
0510	Aerial lift equipment	B-85	7.70	5.195			198	137	335	470
0600	30" caliper, by hand	2 Clab	3.70	4.324			153		153	251
0610	Aerial lift equipment	B-85	6.20	6.452			246	170	416	585
0700	36" caliper, by hand	2 Clab	2.70	5.926			210		210	345
0710	Aerial lift equipment	B-85	4.50	8.889			340	234	574	810
0800	48" caliper, by hand	2 Clab	1.70	9.412			335		335	545
0810	Aerial lift equipment	B-85	2.80	14.286			545	375	920	1,300

32 01 90.24 Shrub Pruning

32 01 90.24 SHRUB PRUNING		Crew	Daily Output	Labor-Hours	Unit	Material	2013 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
6700	Prune, shrub bed	1 Clab	7	1.143	M.S.F.		40.50		40.50	66.50
6710	Shrub under 3' height		190	.042	Ea.		1.49		1.49	2.45
6720	4' height		90	.089			3.15		3.15	5.15
6730	Over 6'		50	.160			5.65		5.65	9.30
7350	Prune trees from ground		20	.400			14.20		14.20	23.50
7360	High work		8	1			35.50		35.50	58

32 01 90.26 Watering

32 01 90.26 WATERING		Crew	Daily Output	Labor-Hours	Unit	Material	2013 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
4900	Water lawn or planting bed with hose, 1" of water	1 Clab	16	.500	M.S.F.		17.75		17.75	29
4910	50' soaker hoses, in place		82	.098			3.46		3.46	5.65
4920	60' soaker hoses, in place		89	.090			3.19		3.19	5.25
7500	Water trees or shrubs, under 1" caliper		32	.250	Ea.		8.85		8.85	14.55
7550	1" - 3" caliper		17	.471			16.70		16.70	27.50
7600	3" - 4" caliper		12	.667			23.50		23.50	39
7650	Over 4" caliper		10	.800			28.50		28.50	46.50
9000	For sprinkler irrigation systems, see Section 32 84 23.10									

32 01 90.29 Topsoil Preservation

32 01 90.29 TOPSOIL PRESERVATION		Crew	Daily Output	Labor-Hours	Unit	Material	2013 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0100	Weed planting bed	1 Clab	800	.010	S.Y.		.35		.35	.58

32 06 Schedules for Exterior Improvements

32 06 10 – Schedules for Bases, Ballasts, and Paving

32 06 10.10 Sidewalks, Driveways and Patios

32 06 10.10 SIDEWALKS, DRIVEWAYS AND PATIOS No base		Crew	Daily Output	Labor-Hours	Unit	Material	2013 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0020	Asphaltic concrete, 2" thick	B-37	720	.067	S.Y.	7	2.50	.21	9.71	12
0100	2-1/2" thick	"	660	.073	"	8.85	2.73	.23	11.81	14.45
0110	Bedding for brick or stone, mortar, 1" thick	D-1	300	.053	S.F.	.81	2.15		2.96	4.36
0120	2" thick	"	200	.080		2.03	3.23		5.26	7.45
0130	Sand, 2" thick	B-18	8000	.003		.26	.11	.01	.38	.48
0140	4" thick	"	4000	.006		.52	.22	.01	.75	.94
0300	Concrete, 3000 psi, CIP, 6 x 6 - W1.4 x W1.4 mesh,									
0310	broomed finish, no base, 4" thick	B-24	600	.040	S.F.	1.62	1.65		3.27	4.44
0350	5" thick		545	.044		2.16	1.81		3.97	5.30
0400	6" thick		510	.047		2.51	1.94		4.45	5.90
0450	For bank run gravel base, 4" thick, add	B-18	2500	.010		.56	.35	.02	.93	1.20

32 14 Unit Paving

32 14 13 - Precast Concrete Unit Paving

32 14 13.18 Precast Concrete Plantable Pavers		Crew	Daily Output	Labor-Hours	Unit	Material	2013 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0400	8 inch depth	B-62	900	.027	S.Y.	8	1.04	.19	9.23	10.75
0500	10 inch depth		800	.030		10	1.17	.22	11.39	13.15
0600	12 inch depth		700	.034		12	1.33	.25	13.58	15.60
0700	Hydro seeding plantable pavers	B-81A	20	.800	M.S.F.	19.60	28.50	23	71.10	93
0800	Apply fertilizer and seed to plantable pavers	1 Clab	8	1	"	51.50	35.50		87	115

32 14 16 - Brick Unit Paving

32 14 16.10 Brick Paving

32 14 16.10 BRICK PAVING										
0010	BRICK PAVING									
0012	4" x 8" x 1-1/2", without joints (4.5 brick/S.F.)	D-1	110	.145	S.F.	2.72	5.85		8.57	12.50
0100	Grouted, 3/8" joint (3.9 brick/S.F.)		90	.178		4.32	7.20		11.52	16.35
0200	4" x 8" x 2-1/4", without joints (4.5 bricks/S.F.)		110	.145		4.78	5.85		10.63	14.75
0300	Grouted, 3/8" joint (3.9 brick/S.F.)		90	.178		4.42	7.20		11.62	16.45
0500	Bedding, asphalt, 3/4" thick	B-25	5130	.017		.66	.67	.52	1.85	2.38
0540	Course washed sand bed, 1" thick	B-18	5000	.005		.29	.17	.01	.47	.61
0580	Mortar, 1" thick	D-1	300	.053		.68	2.15		2.83	4.22
0620	2" thick		200	.080		1.36	3.23		4.59	6.70
2000	Brick pavers, laid on edge, 7.2 per S.F.		70	.229		2.66	9.25		11.91	17.85
2500	For 4" thick concrete bed and joints, add		595	.027		1.12	1.09		2.21	2.98
2800	For steam cleaning, add	A-1H	950	.008		.09	.30	.08	.47	.68
9000	Minimum labor/equipment charge	1 Bric	2	4	Job		179		179	289

32 14 23 - Asphalt Unit Paving

32 14 23.10 Asphalt Blocks

32 14 23.10 ASPHALT BLOCKS										
0010	ASPHALT BLOCKS									
0020	Rectangular, 6" x 12" x 1-1/4", w/bed & neopr. adhesive	D-1	135	.119	S.F.	9	4.79		13.79	17.60
0100	3" thick		130	.123		12.60	4.97		17.57	22
0300	Hexagonal tile, 8" wide, 1-1/4" thick		135	.119		9	4.79		13.79	17.60
0400	2" thick		130	.123		12.60	4.97		17.57	22
0500	Square, 8" x 8", 1-1/4" thick		135	.119		9	4.79		13.79	17.60
0600	2" thick		130	.123		12.60	4.97		17.57	22
0900	For exposed aggregate (ground finish) add					.60			.60	.66
0910	For colors, add					.45			.45	.50
9000	Minimum labor/equipment charge	1 Bric	2	4	Job		179		179	289

32 14 40 - Stone Paving

32 14 40.10 Stone Pavers

32 14 40.10 STONE PAVERS										
0010	STONE PAVERS									
1100	Flagging, bluestone, irregular, 1" thick,	D-1	81	.198	S.F.	5.70	8		13.70	19.10
1110	1-1/2" thick		90	.178		6.75	7.20		13.95	19
1120	Pavers, 1/2" thick		110	.145		9.50	5.85		15.35	19.95
1130	3/4" thick		95	.168		12.10	6.80		18.90	24.50
1140	1" thick		81	.198		12.95	8		20.95	27
1150	Snapped random rectangular, 1" thick		92	.174		8.65	7		15.65	21
1200	1-1/2" thick		85	.188		10.35	7.60		17.95	23.50
1250	2" thick		83	.193		12.10	7.80		19.90	26
1300	Slate, natural cleft, irregular, 3/4" thick		92	.174		9.25	7		16.25	21.50
1310	1" thick		85	.188		10.80	7.60		18.40	24
1350	Random rectangular, gauged, 1/2" thick		105	.152		20	6.15		26.15	32
1400	Random rectangular, butt joint, gauged, 1/4" thick		150	.107		21.50	4.31		25.81	30.50
1450	For sand rubbed finish, add					9.25			9.25	10.20
1500	For interior setting, add								25%	25%
1550	Granite blocks, 3-1/2" x 3-1/2" x 3-1/2"	D-1	92	.174	S.F.	10.10	7		17.10	22.50
1560	4" x 4" x 4"		95	.168		10.70	6.80		17.50	22.50