



March 02, 2017

REVISED FINAL

Town of Paradise Valley
Mr. Jeremy Knapp, AICP
Engineering Services Analyst
6401 E. Lincoln Drive
Paradise Valley, AZ 85253-4328

RE: Roadway Improvements Related to the Ritz Carlton Development CMAR Project
GMP1 – Tatum Boulevard & Lincoln Drive
Town of Paradise Valley (TOPV) Project No.: 2016-14
Achen-Gardner Construction, LLC Project No.: 3526100

Subject: GMP Proposal and Exhibits

Dear Mr. Shano:

Attached please find Achen-Gardner Construction, LLC's ("Achen-Gardner") 100% plan stage GMP (GMP) including Schedule of Values (SOV) dated March 02, 2017 for the Roadway Improvements at Lincoln and Tatum.

The GMP at this 100% design stage is **\$475,230.27**

The basis of this GMP is The TY Lin 100% plans dated 02/17. Any items additional to the plans are qualified in the Bid Item Clarifications. An estimated Construction Contingency is included.

Should you have any questions and/or comments, please feel free to contact me at (480) 403-9398 or e-mail chall@achen.com.

Sincerely;
ACHEN-GARDNER CONSTRUCTION, LLC

A handwritten signature in blue ink that reads "Christie Hall".

Christie Hall, Project Manager

Attachments

Cc: Project File, DS, JW, KN, HH, SC

INDEX OF EXHIBITS

March 2, 2017

**Roadway Improvements Related to the Ritz Carlton Development CMAR
GMP1 – Tatum Boulevard and Lincoln Drive
Town of Paradise Valley Proj. No. 2016-14 / Achen-Gardner Proj. No. 3526100**

EXHIBIT C – SUBMITTAL REQUIREMENTS FOR THE GMP:

- Exhibit C1: Scope of Work
- Exhibit C2: Schedules of Values
 - Exhibit C2.A: Schedule of Values
 - Exhibit C2.B: Schedule of General Conditions
- Exhibit C3: List of Plans and Specifications
- Exhibit C4: List of Clarifications and Assumptions
- Exhibit C5: Subcontractor and Supplier Bids
 - Exhibit C5.A: Subcontractor and Supplier Award Recommendation
 - Exhibit C5.B: Selected Vendor Report
 - Exhibit C5.C: Quote Analysis Report
- Exhibit C6: Project Schedule
- Exhibit C7: Direct Cost Report

EXHIBIT C1: SCOPE OF WORK

March 2, 2017

**Roadway Improvements Related to the Ritz Carlton Development CMAR
GMP1 – Tatum Boulevard and Lincoln Drive
Town of Paradise Valley Proj. No. 2016-14 / Achen-Gardner Proj. No. 3526100**

PROJECT DESCRIPTION AND SCOPE OF WORK

Scope of work consists of right-of-way improvements in Lincoln Drive east of Tatum Boulevard to accommodate a new additional west-bound, right-turn lane. The boundaries are on Lincoln Drive from the east side of Tatum Boulevard to 600 feet east of the center of the intersection. Improvements will include median modifications, relocation of utilities, reconstruction and expansion of the north side of Lincoln Drive, signal modifications, grading, paving, concrete flatwork, construction of a stucco wall along the frontage of 4826 E. Lincoln Drive and driveway modifications required by the new grading, landscaping & irrigation, meandering sidewalk, signing, and striping.

EXHIBIT C2: SCHEDULES OF VALUES

March 2, 2017

**Roadway Improvements Related to the Ritz Carlton Development CMAR
GMP1 – Tatum Boulevard and Lincoln Drive
Town of Paradise Valley Proj. No. 2016-14 / Achen-Gardner Proj. No. 3526100**

See attached:

- EXHIBIT C2.A: Schedule of Values
- EXHIBIT C2.B: Schedule of General Conditions



Achen-Gardner Construction, LLC

550 South 79th Street
 Chandler, AZ 85226
 Ph. 480 940 1300 Fax: 480 940 4576

EXHIBIT C2.A: SCHEDULE OF VALUES

ROADWAY IMPROVEMENTS RELATED TO THE RITZ CARLTON DEVELOPMENT TATUM BOULEVARD & LINCOLN DRIVE - GMP1 PROJECT NUMBER: 2016-14

To: Town of Paradise Valley
 Address: Engineering Services Analyst
 Paradise Valley, AZ 85253-4328

Attn: Jeremy Knapp
 Phone: (480) 348-3622
 Email: jknapp@paradisevalleyaz.gov
 Date: 03/01/2017
 03/15/2017 Rev2

Project: 3526100 - GMP 1 - TATUM & LINCOLN
 IMPROVEMENTS

Item	Description	Quantity	Unit	Unit Price	Total
10	MOBILIZATION	1.000	LS	\$15,716.66	\$15,716.66
15	GENERAL CONDITIONS	2.500	MO	\$23,734.00	\$59,335.00
20	SWPPP (ALLOWANCE)	1.000	AL	\$1,500.00	\$1,500.00
30	DUST CONTROL PERMIT	1.000	LS	\$1,325.00	\$1,325.00
40	SURVEY & AS-BUILTS	1.000	LS	\$2,893.00	\$2,893.00
50	MATERIAL TESTING	1.000	LS	\$7,663.70	\$7,663.70
60	VMB (ALLOWANCE)	1.000	AL	\$4,592.00	\$4,592.00
70	TRAFFIC/PEDESTRIAN CONTROL	1.000	LS	\$28,561.61	\$28,561.61
80	PUBLIC OUTREACH (ALLOWANCE)	1.000	AL	\$ 500.00	\$ 500.00
90	OFF-DUTY OFFICER (ALLOWANCE)	1.000	AL	\$17,600.00	\$17,600.00
100	CONST WATER & DUST CONTROL	1.000	LS	\$4,925.02	\$4,925.02
110	SWEEPING (ALLOWANCE)	1.000	AL	\$10,880.00	\$10,880.00
SUBTOTAL - GENERAL ITEMS					\$155,491.99
1110	REMOVE AC PAVEMENT	200.000	SY	\$ 28.66	\$5,732.00
1120	REMOVE AC PAVEMENT - MILLING	592.000	SY	\$ 9.97	\$5,902.24
1130	REMOVE CONC. CURB (SINGLE, CURB&GUTTER, ROLL)	634.000	LF	\$ 6.78	\$4,298.52
1140	REMOVE CONC. SIDEWALK	1,378.000	SF	\$ 2.32	\$3,196.96
1150	REMOVE CONC. DRIVEWAY	141.000	SF	\$ 6.66	\$ 939.06
1160	RMV CONC. HEADER CURB	56.000	LF	\$ 10.17	\$ 569.52
SUBTOTAL - REMOVAL ITEMS					\$20,638.30
2010	SUBGRADE PREP	385.000	SY	\$ 41.84	\$16,108.40
2020	AC PVMNT SECT. 1 - 6" AC OVER 8" ABC	385.000	SY	\$ 80.64	\$31,046.40
2030	CONC. PVMNT SECT 2 - 9"CONC OVER 5"ABC	52.000	SY	\$ 145.25	\$7,553.00
2035	5" CONCRETE PAVEMENT, CLASS B, SAN DIEGO BUFF COLO	40.000	SY	\$ 95.70	\$3,828.00
2040	6" CURB AND GUTTER PER MAG 220-"A"	241.000	LF	\$ 26.16	\$6,304.56
2050	SINGLE CURB MAG 222 - "A" H=4"	208.000	LF	\$ 21.18	\$4,405.44
2053	SINGLE CURB MAG 222 "B" H=12"	21.000	LF	\$ 35.60	\$ 747.60

2055	CONCRETE MEDIAN NOSE TRANSITION MAG 223	7.000	SF	\$ 70.65	\$ 494.55
2060	VALLEY GUTTER MAG 241	858.000	SF	\$ 13.11	\$11,248.38
2070	CONC. SIDEWALK MAG 230 - COLORED	1,606.000	SF	\$ 6.27	\$10,069.62
2080	CONC. DRIVEWAY MAG 250-1 - COLORED	162.000	SF	\$ 13.84	\$2,242.08
2083	ADJ MANHOLE FRAME & COVER MAG 422	1.000	EA	\$ 450.00	\$ 450.00
2084	ADJ VALVE BOX & COVER MAG 391-1	1.000	EA	\$ 350.00	\$ 350.00
2085	3" DECOMPOSED GRANITE DRIVEWAY	360.000	SF	\$ 5.23	\$1,882.80
SUBTOTAL - ROADWAY ITEMS					\$96,730.83
3010	OBLIT EXIST PVMNT MARKINGS - 4" EQ	1,680.000	LF	\$ 1.10	\$1,848.00
3020	OBLIT EXIST PVMNT ARROW/LENGEND	6.000	EA	\$ 125.00	\$ 750.00
3030	WHITE THERMO (90 MIL) 4" EQ	2,350.000	LF	\$ 1.10	\$2,585.00
3040	YELLOW THERMO (90 MIL) 4" EQ	640.000	LF	\$ 1.10	\$ 704.00
3050	RAISED PVMNT MKR TYPE D	32.000	EA	\$ 5.00	\$ 160.00
3060	RAISED PVMNT MKR TYPE G	36.000	EA	\$ 5.28	\$ 190.08
3063	TYPE I PERMANENT PVMNT TAPE SINGLE ARROW	6.000	EA	\$ 406.25	\$2,437.50
3065	TYPE I PERMANENT PVMNT TAPE ONLY LEGEND	2.000	EA	\$ 881.25	\$1,762.50
3070	PAINTED MEDIAN NOSE	1.000	EA	\$ 75.00	\$ 75.00
3080	RMV & SALVAGE EISTING SIGN	2.000	EA	\$ 55.00	\$ 110.00
3090	RELOCATE SIGN	1.000	EA	\$ 225.00	\$ 225.00
3095	OBJECT MARKER ASSEMBLY (DETAIL ON SM02)	1.000	EA	\$ 45.00	\$ 45.00
3100	SIGN POST	23.000	LF	\$ 34.00	\$ 782.00
3110	SING POST FOUNDATION	3.000	EA	\$ 74.00	\$ 222.00
3120	SIGN PANEL	30.000	SF	\$ 17.50	\$ 525.00
3130	SIGNAL MODIFICATIONS (TATUM & LINCOLN)	1.000	AL	\$ 5,000.00	\$ 5,000.00
SUBTOTAL - SIGNING, STRIPING, & SIGNAL ITEMS					\$17,421.08
4100	RESET EXISTING PULL BOX	3.000	EA	\$ 500.00	\$1,500.00
4110	RELOCATE TELCO PEDESTAL	1.000	EA	\$2,500.00	\$2,500.00
SUBTOTAL - ELECTRICAL ITEMS					\$4,000.00
5100	MASONRY WALL (COMPLETE FINISH PER PLANS)	205.000	LF	\$ 268.08	\$54,956.40
5110	BRICK VENEER	168.000	SF	\$ 20.00	\$3,360.00
5120	MASONRY COLUMN (COMPLETE FINISH PER PLANS)	9.000	EA	\$1,285.00	\$11,565.00
SUBTOTAL - WALL ITEMS					\$69,881.40
6010	TREE - DESERT IRONWOOD 24" BOX	2.000	EA	\$ 215.00	\$ 430.00
6015	SHRUB - BANK CATCLAW FLAT	7.000	EA	\$ 20.00	\$ 140.00
6020	SHRUB - CENTURY PLANT 5 GALLON	6.000	EA	\$ 20.00	\$ 120.00
6030	SHRUB - COW'S HORN AGAVE 5 GALLON	16.000	EA	\$ 25.00	\$ 400.00
6040	SHRUB - RUSH MILKWEED 5 GALLON	9.000	EA	\$ 20.00	\$ 180.00
6050	SHRUB - DESERT MARIGOLD 5 GALLON	61.000	EA	\$ 18.00	\$1,098.00
6060	SHRUB - BRITTLE BUSH 5 GALLON	10.000	EA	\$ 16.00	\$ 160.00
6070	SHRUB - OCOTILLO 12 CANE MIN.	5.000	EA	\$ 75.00	\$ 375.00
6075	SHRUB - BELOPERONE 15 GALLON	9.000	EA	\$ 75.00	\$ 675.00
6076	CACTI - SAGUARO 10' SPEAR	1.000	EA	\$ 850.00	\$ 850.00
6078	CACTI - FISH HOOK BARREL 15 GALLON	5.000	EA	\$ 75.00	\$ 375.00
6080	CACTI - PRICKLY PEAR 15- GALLON	6.000	EA	\$ 75.00	\$ 450.00
6090	DG 3" MINUS (E3XPRESS NATURAL) ROCK MULCH	2,639.000	SF	\$ 1.25	\$3,298.75

6100	DG MATCH EXISTING	962.000	SF	\$ 1.00	\$ 962.00
6110	1" BACKFLOW PREVENTER	1.000	EA	\$ 900.00	\$ 900.00
6120	GUARDSHACK ENCLOSURE	1.000	EA	\$ 900.00	\$ 900.00
6130	IRRIGATION CONTROLLER LEIT X20	1.000	EA	\$4,000.00	\$4,000.00
6140	1" SCH. 40 PVC	200.000	LF	\$ 2.00	\$ 400.00
6150	3/4" SCH. 40 PVC	800.000	LF	\$ 2.00	\$1,600.00
6160	SLEEVING FOR LANDSCAPE IRRIGATION	15.000	LF	\$ 10.00	\$ 150.00
6170	1" CONTROL VALVE ASSEMBLY	2.000	EA	\$ 450.00	\$ 900.00
6180	1" GATE VALVE	1.000	EA	\$ 300.00	\$ 300.00
6190	QUICK COUPLER ASSEMBLY	1.000	EA	\$ 300.00	\$ 300.00
6200	MULTI-PORT EMITTER ASSEMBLY	110.000	EA	\$ 15.00	\$1,650.00
6210	FLUSH CAP	1.000	EA	\$ 30.00	\$ 30.00
6230	RELOCATE EXISTING WATER METER	1.000	EA	\$ 839.10	\$ 839.10
6240	BOULDERS - 3X3X5 2500 LBS EXPRESS CARMEL	3.000	EA	\$ 190.00	\$ 570.00
6250	BOULDERS - 2X3X3 1800 LBS EXPRESS CARMEL	9.000	EA	\$ 185.00	\$1,665.00
SUBTOTAL - LANDSCAPE & IRRIGATION ITEMS					\$23,717.85
SUBTOTAL - DIRECT COST OF WORK					\$387,881.45
100200	CONTRACTORS FEE (9% on Direct Cost of Work)	1.000	JOB	\$38,945.95	\$34,909.33
100300	INSURANCE REQUIREMENTS (2.5% on Direct Cost of Work + Fee)	1.000	JOB	\$10,710.14	\$10,569.77
100400	BOND (1.0% on Direct Cost of Work + Fee + Insurance)	1.000	JOB	\$4,391.16	\$4,333.61
100500	SALES TAX (5.72% on Direct Cost of Work + Fee + Insurance + Bond)	1.000	JOB	\$25,368.58	\$25,036.11
100700	CONSTRUCTION CONTINGENCY (Incl. Mark-ups)	1.000	AL	\$12,500.00	\$12,500.00
GMP Total					\$475,230.27

CONTRACTOR will complete the Work in accordance with the Construction Documents and accept in full payment for the Work items listed below the following GMP Approved Prices, as applicable:

Item	Percent	Not-to-Exceed Price (\$)
Cost of the Work	81.6%	\$ 387,881.45
Contractor's Fee	7.3%	34,909.33
Insurance	2.2%	10,569.77
Bond	.9%	4,333.61
Sales Tax	5.3%	25,036.11
Construction Contingency	2.7%	12,500.00
GMP	100%	\$ 475,230.27
NOTE: Percentages are calculated based on the GMP Total.		

ROADWAY IMPROVEMENTS RELATED TO THE RITZ CARLTON DEVELOPMENT

TATUM BOULEVARD & LINCOLN DRIVE - GMP1

TOWN OF PARADISE VALLEY PROJECT NUMBER: 2016-14

ACHEN-GARDNER CONSTRUCTION PROJECT NO.: 3526100

EXHIBIT C2.B: SCHEDULE OF GENERAL CONDITIONS



Achen-Gardner Construction, LLC

550 South 79th Street

Chandler, AZ 85226-4706

Office: 480-940-1300 / Fax: 480-940-4576

Date: 3/2/2017

Rev. 03/15/17

Item No.	Description	UM	GMP Quantity	GMP % Utilization	GMP Unit Cost	GMP Total Cost
1001.1	PROJECT SUPERINTENDENT (Scott Colbath/Howdy Hale)	HR	440	100.00%	99.00	\$ 43,560.00
1001.2	PROJECT MANAGER (Christie Hall)	HR	440	25.00%	110.00	\$ 12,100.00
1001.3	PROJECT ADMINISTRATOR	HR	440	0.00%	63.00	\$ -
1001.4	FIELD OFFICE RENTAL (1 EA)					\$ -
1001.5	TEMPORARY POWER HOOK-UPS					\$ -
1001.6	POWER AND UTILITIES					\$ -
1001.7	STORAGE CONTAINERS (2 EA)					\$ -
1001.8	FIELD OFFICE WATER					\$ -
1001.9	CONSTRUCTION YARD FENCE (SCREENED)	LS	1.0	100.00%	1,875.00	\$ 1,875.00
1001.10	OFFICE EQUIP & SUPPLIES					\$ -
1001.11	MISC OFF & YARD TRASH DUMPSTERS	MO	2.5	100.00%	350.00	\$ 875.00
1001.12	PROJECT FIELD TOILETS (1 EA)	MO	2.5	100.00%	150.00	\$ 375.00
1001.13	PROJECT ICE & DRINKING WATER	LS	1.0	100.00%	550.00	\$ 550.00
1001.14	PROJECT PRE-CONSTRUCTION VIDEO					\$ -
	TOTAL GMP GENERAL CONDITIONS	LS				\$ 59,335.00
1001	TOTAL GMP GENERAL CONDITIONS	MO	2.5			\$23,734.00

EXHIBIT C3: LIST OF PLANS AND SPECIFICATIONS

March 2, 2017

**Roadway Improvements Related to the Ritz Carlton Development CMAR
GMP1 – Tatum Boulevard and Lincoln Drive
Town of Paradise Valley Proj. No. 2016-14 / Achen-Gardner Proj. No. 3526100**

- TY Lin 100% plan set dated 02/17 Not for Construction or Recording; titled Ritz Carlton Street Improvements Tatum Blvd & Lincoln Drive Paradise Valley, Arizona Project No. 2016-14.
- Achen-Gardner Construction, LLC GMP Proposal and Exhibits dated March 2, 1027
- Subcontractor and Supplier Selection Plan dated February 21, 2017 and approved February 27, 2017.
- CivTech Memorandum dated March 20,2017, three pages detailing the signal modifications

EXHIBIT C4: LIST OF CLARIFICATIONS AND ASSUMPTIONS

March 2, 2017

Roadway Improvements Related to the Ritz Carlton Development CMAR GMP1 – Tatum Boulevard and Lincoln Drive Town of Paradise Valley Proj. No. 2016-14 / Achen-Gardner Proj. No. 3526100

NOTE: This GMP is based on the following Bid Item Clarifications. Clarifications refer to Bid Item Numbers on the Schedule of Values.

ITEM NO.	DESCRIPTION	INCLUSION/EXCLUSION/ASSUMPTION/CLARIFICATION
20	SWPPP (ALLOWANCE)	No formal SWPPP plan/permit is required or included because the project is less than one acre in project area. Achen-Gardner is still required to maintain proper storm water maintenance so we have included an allowance for any SWPPP measures required.
30	DUST CONTROL PERMIT	A dust compliance sign is not required and is not included because the project area is less than 5 acres.
60	VMB (ALLOWANCE)	Variable Message Boards are only included as follows: 4 message boards x 4 weeks each (one for each approach to the intersection).
70	TRAFFIC CONTROL	<ul style="list-style-type: none"> • Crown Castle can work within our traffic control set up to relocate their pull box in the median if needed. The allotted time for this traffic control set up is three working days. • Traffic control set up will be from: (9:00 a.m. to 3:30 p.m. • The existing west-bound right lane will be closed for a three-week duration. • The west-bound median lane will be closed for a one-week duration. • Traffic control set ups will be daily up/downs other than the full closures noted above.
90	OFF-DUTY OFFICERS (ALLOWANCE)	<ul style="list-style-type: none"> • Town of Paradise Valley police officers will be requested and utilized first. If they are not available, a subcontract service will be utilized. • One officer/full-time/2 months is assumed for pricing.
3030, 3040	WHITE AND YELLOW THERMOPLASTIC STRIPING	Temporary paint striping is included in the thermoplastic prices and will be placed upon completion of the paving and adjustments. Thermoplastic striping will be done 30 days after the temporary paint striping is done.
3130	SIGNAL MODIFICATIONS	Pending price confirmation an allowance is provided for this scope of work and will be confirmed with subcontractor quote/invoice and final scope of work.
6230	RELOCATE EXISTING WATER METER	Relocation of the existing water meter at 4826 E. Lincoln Drive includes lowering the waterline to right-of-way. This item does not include lowering or replacing the waterline from right-of-way to the house.
	PRIVATE DRIVEWAY FROM BARRY GOLDWATER PARK	This private driveway is planned for construction by others and will need to occur between April 10 th and 21 st .

EXHIBIT C5: SUBCONTRACTOR AND SUPPLIER BIDS

March 2, 2017

**Roadway Improvements Related to the Ritz Carlton Development CMAR
GMP1 – Tatum Boulevard and Lincoln Drive
Town of Paradise Valley Proj. No. 2016-14 / Achen-Gardner Proj. No. 3526100**

See attached subcontractor and supplier bids and supporting documentation:

- Exhibit C5.A: Subcontractor and Supplier Award Recommendation
- Exhibit C5.B: Selected Vendor Report
- Exhibit C5.C: Quote Analysis Report – Includes Awarded and Unawarded Quotes

EXHIBIT C5.A: SUBCONTRACTOR AND SUPPLIER AWARD RECOMMENDATION

<u>SCOPE OF WORK</u>	<u>Subcontractor/Supplier</u>	<u>Amount</u>	<u>Condition For Selection</u>	<u>Comments</u>
Masonry	CJS Enterprises LLC			No Bid
	Integrated masonry	66,244.80		
	Maverick & Kenyon Masonry	117,859.00		
	Mountainside Masonry			No Bid
	Stoll Masonry, Inc.			No Bid
	Sun Dial Masonry Inc.	53,465.00	Lowest Responsive Bid	
Milling	Bryco Asphalt			No Bid
	C&S Sweeping			No Bid
	Southwest Barricades, LLC			No Bid
	Trafficade Service			No Bid
	WSP, Inc.	7,899.44	Only Responsive Bid	
Landscape/Irrigation	CD Development, LLC	22,878.75	Lowest Responsive Bid	
	ISS Grounds Control			No Bid
	Land-Tech Landscape			No Bid
	Sun Valley Landscape	23,537.00		
	Westar Environmental	23,388.00		
Pavement Marking	Road Safe Traffic Systems			No Bid
	Sunline Contracting			No Bid
	Pavement Markings, Inc.	10,512.08	Lowest Responsive Bid	
	Falcon Contracting, Inc.			No Bid
Quality Control	ACS Services, LLC			No Bid
	Alpha Geotechnical			No Bid
	Ninyo & Moore	7,663.70	Lowest Responsive Bid	
	Quality Testing, LLC	9,799.90		
Signing	Specialty Companies Group	1,909.00	Lowest Responsive Bid	
	Road Safe Traffic Systems			No Bid
	Sunline Contracting			No Bid
	Arizona Road Specialties			No Bid
	Falcon Contracting, Inc.			No Bid
	Hunter Guardrail and Fence			No Bid

<u>SCOPE OF WORK</u>	<u>Subcontractor/Supplier</u>	<u>Amount</u>	<u>Condition For Selection</u>	<u>Comments</u>
	On It Construction			No Bid
Survey	Valco Surveying Corp.			No Bid
	EPS Group	2,893.00	Lowest Responsive Bid	
	Premier Engineering			No Bid
	Survey Innovation Group	5,588.00		
SWPPP	Argus Construction Services			Informed us no SWPPP required
	Desert Services/SWPPP Solutions			Informed us no SWPPP required
	Offsite Sweeping			No response
Aggregates	Drake Materials			No Bid
	Buesing Corp			No Bid
	Cemex	3,210.08	Lowest Responsive Bid	
	Insearch			No Bid
	Otto Trucking	3,194.66		Bid Incomplete
	Vulcan Materials	2,978.56		Bid Incomplete
Asphalt	Hanson Aggregates			No Bid
	Southwest Asphalt			No Bid
	Vulcan Materials	8,631.00	Only Responsive Bid	
RediMix	Arizona Materials	8,962.50	Lowest Responsive Bid	
	Arizona Metro Mix			No Bid
	Calportland	9,218.72		
	Cemex			No Bid
	Drake Materials			No Bid
	Hanson Aggregates			No Bid

- 1) Refer to Subcontractors/Suppliers Selection Documentation included herein. This GMP Submittal is based on these and as such subject to associated inclusions, exclusions, and clarifications. These documents are incorporated into this GMP Proposal by reference.
- 2) This summary reflects competitive bids with a specific scope/Schedule of Values provided to all subcontractors and suppliers at the time of solicitation and selected recommendations. Actual quantities and extended totals reflected in the SOV may be different based on final quantity and cost adjustments due to ongoing revisions.

EXHIBIT C5.B: SELECTED VENDOR REPORT

Achen-Gardner Construction, LLC
3526101B 90% TATUM & LINCOLN PV 2016-14
*** Kevin Nunez

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Selected Vendors

3DPAINTING	3D Painting and Sandblasting Inc.
Contact:	Ryan Dougherty
Phone:	(623) 696-3205
Fax:	(623) 321-8172
Email:	ryan@3dpaintinc.com
Address:	4151 W Villa Linda Dr Glendale, AZ 85310

Quote Folder: PAINT PAINT

Biditem	Activity	Resource	Description	Quantity Unit	Price	Extension
5100	2061050	4PAINTW	MASONRY WALL (COMPLETE FINI	205.00 LF	10.4400	2,140.20

Vendor Total:						2,140.20
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Selected Vendors

ARIMA1	Arizona Materials LLC
Contact:	Eric Loken
Phone:	(602) 278-4444
Fax:	(602) 442-6905
Email:	eloken@azmatl.com
Address:	3836 S. 43rd Ave. Phoenix, AZ 85009-6053
Notes:	AGGREGATES;CONCRETE SUPPLIER

Quote Folder: REDIMIX REDI MIX

Biditem	Activity	Resource	Description	Quantity Unit	Price	Extension
		2COLOR	COLOR PER YARD FOR MAG AA	6.32 CY	32.7500	206.98
		2COLOR	COLOR WASHOUT PER LOAD	7.00 LD	25.0000	175.00
		2CRCOLO	COLOR PER CY	51.40 CY	26.5000	1,362.10
		2CRMAG	MAG AA CONCRETE	48.91 CY	78.0000	3,814.98
		2CRMAG	MAG B CONCRETE	47.27 CY	72.0000	3,403.44
Vendor Total:						8,962.50

Selected Vendors

CDDEV	C D Development LLC
Contact:	Carlos Corral
Phone:	(602) 222-9822
Fax:	(602) 393-9670
Email:	ccorral@corralsdesigngroup.com
Address:	4632 S 36th Street Phoenix, AZ 85040

Quote Folder: LANDSCAPE LANDSCAPE

Biditem	Activity	Resource	Description	Quantity Unit	Price	Extension
6010	2081010	4LSCAPE	TREE - DESERT IRONWOOD 24" BO	2.00 EA	215.0000	430.00
6015	2081010	4LSCAPE	SHRUB - BANK CATCLAW FLAT	7.00 EA	20.0000	140.00
6020	2081010	4LSCAPE	SHRUB - CENTURY PLANT 5 GALL	6.00 EA	20.0000	120.00
6030	2081010	4LSCAPE	SHRUB - COW'S HORN AGAVE 5 GA	16.00 EA	25.0000	400.00
6040	2081010	4LSCAPE	SHRUB - RUSH MILKWEED 5 GALL	9.00 EA	20.0000	180.00
6050	2081010	4LSCAPE	SHRUB - DESERT MARI GOLD 5 GA	61.00 EA	18.0000	1,098.00
6060	2081010	4LSCAPE	SHRUB - BRITTLE BUSH 5 GALLON	10.00 EA	16.0000	160.00
6070	2081010	4LSCAPE	SHRUB - OCOTILLO 12 CANE MIN.	5.00 EA	75.0000	375.00
6075	2081010	4LSCAPE	SHRUB - BELOPERONE 15 GALLON	9.00 EA	75.0000	675.00
6076	2081010	4LSCAPE	CACTI - SAGUARO 10' SPEAR	1.00 EA	850.0000	850.00
6078	2081010	4LSCAPE	CACTI - FISH HOOK BARREL 15 GA	5.00 EA	75.0000	375.00
6080	2081010	4LSCAPE	CACTI - PRICKLY PEAR 15- GALLO	6.00 EA	75.0000	450.00
6090	2081010	4LSCAPE	DG 3" MINUS (E3XPRESS NATURAL	2,639.00 SF	1.2500	3,298.75
6100	2081010	4LSCAPE	DG MATCH EXISTING	962.00 SF	1.0000	962.00
6110	2081010	4LSCAPE	1" BACKFLOW PREVENTER	1.00 EA	900.0000	900.00
6120	2081010	4LSCAPE	GUARDSHACK ENCLOSURE	1.00 EA	900.0000	900.00
6130	2081010	4LSCAPE	IRRIGATION CONTROLLER LEIT X	1.00 EA	4,000.0000	4,000.00
6140	2081010	4LSCAPE	1" SCH. 40 PVC	200.00 LF	2.0000	400.00
6150	2081010	4LSCAPE	3/4" SCH. 40 PVC	800.00 LF	2.0000	1,600.00
6160	2081010	4LSCAPE	SLEEVING FOR LANDSCAPE IRRIG	15.00 LF	10.0000	150.00
6170	2081010	4LSCAPE	1" CONTROL VALVE ASSEMBLY	2.00 EA	450.0000	900.00
6180	2081010	4LSCAPE	1" GATE VALVE	1.00 EA	300.0000	300.00
6190	2081010	4LSCAPE	QUICK COUPLER ASSEMBLY	1.00 EA	300.0000	300.00
6200	2081010	4LSCAPE	MULTI-PORT EMITTER ASSEMBLY	110.00 EA	15.0000	1,650.00
6210	2081010	4LSCAPE	FLUSH CAP	1.00 EA	30.0000	30.00
6240	2081010	4LSCAPE	BOULDERS - 3X3X5 2500 LBS EXPR	3.00 EA	190.0000	570.00
6250	2081010	4LSCAPE	BOULDERS - 2X3X3 1800 LBS EXPR	9.00 EA	185.0000	1,665.00

Vendor Total:	22,878.75
----------------------	------------------

Selected Vendors

EPSGR1	EPS Group
Contact:	Brandyn Jones
Phone:	(480) 503-2250
Fax:	(480) 503-2258
Email:	brandyn.jones@epsgroupinc.com
Address:	2045 S Vineyard Ave #101 Nesa, AZ 85210

Quote Folder: SURVEY SURVEY

Biditem	Activity	Resource	Description	Quantity	Unit	Price	Extension
40	2102300	4SURVEY	SURVEY & AS-BUILTS	1.10	LS	2,630.0000	2,893.00

Vendor Total: 2,893.00

Selected Vendors

PAVMA1	Pavement Markings, Inc.
Contact:	Doug Brunskill
Phone:	(480) 598-0872
Fax:	(480) 598-0873
Email:	db@pmiaz.com
Address:	8949 S. Beck Ave. Tempe, AZ 85284
Notes:	STRIPING

Quote Folder: STRIPE STRIPE

Biditem	Activity	Resource	Description	Quantity Unit	Price	Extension
3010	2031010	4STRIPE	OBLIT EXIST PVMNT MARKINGS -	1,680.00 LF	1.1000	1,848.00
3020	2031010	4STRIPE	OBLIT EXIST PVMNT ARROW/LEN	6.00 EA	125.0000	750.00
3030	2031010	4STRIPE	WHITE THERMO (90 MIL) 4" EQ	2,350.00 LF	1.1000	2,585.00
3040	2031010	4STRIPE	YELLOW THERMO (90 MIL) 4" EQ	640.00 LF	1.1000	704.00
3050	2031010	4STRIPE	RAISED PVMNT MKR TYPE D	32.00 EA	5.0000	160.00
3060	2031010	4STRIPE	RAISED PVMNT MKR TYPE G	36.00 EA	5.2800	190.08
3063	2031010	4STRIPE	TYPE I PERMANENT PVMNT TAPE	6.00 EA	406.2500	2,437.50
3065	2031010	4STRIPE	TYPE I PERMANENT PVMNT TAPE	2.00 EA	881.2500	1,762.50
3070	2031010	4STRIPE	PAINTED MEDIAN NOSE	1.00 EA	75.0000	75.00

Vendor Total:						10,512.08
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Selected Vendors

SPEC1	Specialty Companies Group
Contact:	Bob Collins
Phone:	(623) 582-2385
Fax:	(623) 581-7454
Email:	sales@scofaz.com
Address:	22223 N 16th St Phoenix, AZ 85024

Quote Folder: SIGN SIGN

Biditem	Activity	Resource	Description	Quantity Unit	Price	Extension
3080	2031040	4SIGN	RMV & SALVAGE EISTING SIGN	2.00 EA	55.0000	110.00
3090	2031040	4SIGN	RELOCATE SIGN	1.00 EA	225.0000	225.00
3095	2031040	4SIGN	OBJECT MARKER ASSEMBLY (DET	1.00 EA	45.0000	45.00
3100	2031040	4SIGN	SIGN POST	23.00 LF	34.0000	782.00
3110	2031040	4SIGN	SING POST FOUNDATION	3.00 EA	74.0000	222.00
3120	2031040	4SIGN	SIGN PANEL	30.00 SF	17.5000	525.00

Vendor Total: 1,909.00

Selected Vendors

SUNDI1	Sun Dial Masonry Inc.
Contact:	Stephanie Hicks
Phone:	(480) 834-6003
Fax:	(480) 898-1864
Email:	stephanie@sunvalleylandscape.com
Address:	1999 W Houston Ave Apache Junction, AZ 85120
Notes:	MASONRY

Quote Folder: MASONRY MASONRY

Biditem	Activity	Resource	Description	Quantity Unit	Price	Extension
5100	2061070	4MASON	MASONRY WALL (COMPLETE FINI	205.00 LF	188.0000	38,540.00
5110	2061070	4MASON	BRICK VENEER	168.00 SF	20.0000	3,360.00
5120	2061070	4MASON	MASONRY COLUMN (COMPLETE F	9.00 EA	1,285.0000	11,565.00
Total Adjustments:						

Vendor Total: 53,465.00

Selected Vendors

VULMA1	Vulcan Materials
Contact:	Robert Kirk
Phone:	(602) 809-2940
Fax:	(602) 528-8979
Email:	kirk@vmcmail.com
Address:	2526 E. University Dr. Phoenix, AZ 85034
Notes:	AGGREGATES; ASPHALT SUPPLIER; CONCRETE SUPPLIER

Quote Folder: ASPHALT ASPHALT

Biditem	Activity	Resource	Description	Quantity	Unit	Price	Extension
		2ACA12.5	AC A 12.5 MM	63.00	TN	68.7500	4,331.25
		2ACA19M	AC A 19 MM	63.00	TN	68.2500	4,299.75

Vendor Total: 8,631.00

Selected Vendors

WESST1	WSP, Inc.
Contact:	Jamie Williams
Phone:	(623) 434-5050
Fax:	(623) 434-5059
Email:	jamie@wspinc.net
Address:	7777 N 70th Ave Glendale, AZ 85303
Notes:	PULVERIZE / MILLING ASPHALT

Quote Folder: 4115 AC MILLING

Biditem	Activity	Resource	Description	Quantity	Unit	Price	Extension
10	2031050	4MILMOB	MOBILIZATION	1.00	EA	2,000.0000	2,000.00
1120	021030	40021030	REMOVE AC PAVEMENT - MILLIN	564.00	SY	10.4600	5,899.44

Vendor Total:							7,899.44
Vendor Minority Amount:	0 %						

Selected Vendors

Minority Totals by Type

Type	Description	Current	Goal	Diff
DBE	Disadvantaged Business Enterprise	\$0.00 0.00 %	\$0.00 0.00 %	\$0.00 0.00 %
MBE	Minority Business Enterprise	\$0.00 0.00 %	\$0.00 0.00 %	\$0.00 0.00 %
SBE	Small Business Enterprise	\$0.00 0.00 %	\$0.00 0.00 %	\$0.00 0.00 %
WBE	Women Owned Business	\$0.00 0.00 %	\$0.00 0.00 %	\$0.00 0.00 %
		\$0.00 0.00 %	\$0.00 0.00 %	\$0.00 0.00 %

EXHIBIT C5.C: QUOTE ANALYSIS REPORT

Achen-Gardner Construction, LLC
3526101B 90% TATUM & LINCOLN PV 2016-14
*** Kevin Nunez

Page 1
03/01/2017 11:21

Analyze Quotes

Folder: 4115 AC MILLING

Vendor Code:						WESST1	BRYAS1	CSSWE1
Vendor Name:						WSP, Inc.	Bryco Asphalt	C & S Sweepi
Vendor Phone:						623-434-5050	480-987-9133	602-252-9471
Bid	Activit	Resour	Description	Quantity	Unit	Plug Pric	UP	UP
10	203105	4MILM	MOBILIZATION	1.00	EA	2,000.000	2,000.000	
1120	021030	400210	REMOVE AC PAVEMEN	564.00	SY	10.460	10.460	
Totals:						7,899.44	7,899.44	
Difference From Plug:							-7,899.44	-7,899.44

Note:

A "P" beside a price indicates a plug price.
Bold indicates that the vendor is selected.

WESST1 - WSP, Inc.
PULVERIZE / MILLING ASPHALT

BRYAS1 - Bryco Asphalt Milling
PULVERIZE / MILLING ASPHALT

CSSWE1 - C & S Sweeping
SWEEPING

Christie Hall

From: Jamie Williams <jamie@wspinc.net>
Sent: Wednesday, March 01, 2017 9:44 AM
To: Kevin Nunez
Subject: RE: Request for Quote Tatum & Lincoln Variable Depth Milling 90 % GMP

\$7,900.00

-----Original Message-----

From: Kevin Nunez [<mailto:knunez@achen.com>]
Sent: Wednesday, March 01, 2017 9:13 AM
To: Jamie Williams <jamie@wspinc.net>
Subject: RE: Request for Quote Tatum & Lincoln Variable Depth Milling 90 % GMP

Jamie, we can only do 1/2, then we will need to wait for 1-1/2 hour while traffic is switched to finish up. can you adjust the price based on a 1-1/2 hr gap in the operation.

Thanks,

Kevin

-----Original Message-----

From: Jamie Williams [<mailto:jamie@wspinc.net>]
Sent: Wednesday, March 01, 2017 8:47 AM
To: Kevin Nunez
Subject: Request for Quote Tatum & Lincoln Variable Depth Milling 90 % GMP

Kevin-

Your price is \$6,500.00 with one mobilization included. This is our 4 hour minimum charge based on 592sy.

Thank you,
Jamie Williams
Operations Manager

-----Original Message-----

From: Kevin Nunez [<mailto:knunez@achen.com>]
Sent: Thursday, February 16, 2017 3:04 PM
To: Jamie Williams <jamie@wspinc.net>

Subject: Request for Quote Tatum & Lincoln Variable Depth Milling 90 % GMP

Please see attached request for quote regarding our Tatum & Lincoln project for Paradise Valley.

Let me know should you have any questions.

Thanks,

KEVIN J NUNEZ

Vice President / Chief Estimator

Office: 480.403.9440 | Cell: 602.918.3243 | Email: knunez@achen.com

ACHEN-GARDNER CONSTRUCTION

550 South 79th Street | Chandler, AZ 85226

2425 West Wave Hill Court | Tucson, AZ 85705 achen.com | [facebook](#) | [twitter](#) | [linkedin](#) | [youtube](#)

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Analyze Quotes

Folder: ADJUST ADJUSTMENT

Vendor Code:						SPEC1	ARIRO1	ONIT1	
Vendor Name:						Specialty Com	Arizona Road	On It Constru	
Vendor Phone:						623-582-2385	480-558-0031	602-687-9794	
Bid	Activit	Resour	Description	Quantity	Unit	Plug Pric	UP	UP	UP
2083	203106	4ADJ	ADJ MANHOLE FRAME	1.00	EA	450.000	450.000		
2084	203106	4ADJ	ADJ VALVE BOX & COV	1.00	EA	350.000	300.000		
Totals:						800.00	750.00		
Difference From Plug:							-50.00	-800.00	-800.00

Note:
 A "P" beside a price indicates a plug price.
 Bold indicates that the vendor is selected.

ARIRO1 - Arizona Road Specialties
 ADJUSTMENT & SURVEY MONUMENTS



Specialty Companies Group, LLC

PROPOSAL

TO: **ACHEN GARDNER CONSTRUCTION**

2/27/2017

PROJECT: **TATUM & LINCOLN MASONRY 90 % GMP**

PLAN DATE:

LOCATION: **N TATUM BLVD / E LINCOLN DR**

ADDENDA:

CITY: **PARIDISE VALLEY**

ATTN: **KEVIN NUNEZ**

PHONE: **480-403-9440**

1 of 1

Bid Item #	Item Description	Qty.	Unit	Unit Price	Unit Total
1	ADJUST MANHOLE FRAME & COVER PER MAG DTL 422	1	EA	\$450.00	\$450.00
2	ADJUST VALVES BOX & COVER PER MAG DTL 391-1	1	EA	\$300.00	\$300.00
3	INSTALL POST / FOUNDATION	4	EA	\$195.00	\$780.00
4	INSTALL R3-8LL	1	EA	\$125.00	\$125.00
5	INSTALL R3-5f	2	EA	\$50.00	\$100.00
6	INSTALL R3-5r	2	EA	\$150.00	\$300.00
7	INSTALL TYPE 2H OBJECT MARKER	1	EA	\$45.00	\$45.00
8	REMOVE POST / FOUNDATION & SIGNS	2	EA	\$55.00	\$110.00
10	RELOCATE POST / FOUNDATION & SIGNS	2	EA	\$225.00	\$450.00
Total:					\$2,660.00

TERMS:

All items and quantity in proposal are to be included in subcontract agreement.

If any items are not included in the subcontract or the quantity is reduced, the remaining unit prices are subject to change.

All hardware for adjustments to be provided by others.

Traffic control shall be provided by others.

Night / Weekend work shall be additional.

Final billing shall be based on field verification of installed quantities. Void or empty hole billed at unit price.

Mobilization is included. Additional mobilizations due to delay or unknown conditions shall be provided at \$750.00 each.

Prices are good for 6 months from bid date.

EXCLUSIONS:

Pre-lowering of items. Permits, bonds and taxes. Engineering, survey and testing. Construction Water. SWPPP.

Frames, covers, grade rings, debris shields, valve box, lid, debris caps and electronic locators.

Saw-cutting, asphalt milling. Colored concrete, asphalt patch back and crack sealing. Manhole coating or lining.

Pavement marking, striping and reflective pavement markers.

Pre-vailing wages and certified payroll.

*** ANY AND ALL MRRA JOBS INCREASE UNIT PRICE 3%**

Respectfully Submitted,

Bryant Shaw

Accepted By: _____

Date: _____

Bryant Shaw
Estimator Special Projects

PO# : _____

22223 N. 16th Street Phoenix, AZ 85024 Office: 623-582-2385 - Fax: 623-581-7454

ROC 193227

Analyze Quotes

Folder: AGGREGATES AGGREGATES

Vendor Code:				VULMA1	OTTTR1	CEMIN1
Vendor Name:				Vulcan Material	Otto Trucking I	CEMEX Inc
Vendor Phone:				602-809-2940	480-641-3500	602-416-2735
Resource	Description	Quantity	Unit	Plug Price	UP	UP
2AGAB	ABC MAG	203.49	TN	12.200	11.050	12.200
2AGGR	DECOMPOSED DRIVEWAY	11.50	TN	20.000	20.000 P	20.000
2AGTR	TRAC OUT ROCK 1-3"	25.00	TN	19.900	20.000	19.900
Totals:				3,210.07	2,978.56	3,210.08
Difference From Plug:					-231.51	0.01

Note:
 A "P" beside a price indicates a plug price.
 Bold indicates that the vendor is selected.

VULMA1 - Vulcan Materials
 AGGREGATES;ASPHALT SUPPLIER;CONCRETE SUPPLIER

OTTTR1 - Otto Trucking Inc.
 AGGREGATES - DIRT BROKERS;TRUCKING

CEMIN1 - CEMEX Inc
 AGGREGATES;ASPHALT SUPPLIER;CONCRETE SUPPLIER



Quotation 9001073200

Arizona Regional Office
 5555 E Van Buren Street, Suite 155
 Phoenix, AZ 85008

Customer Service:		
Aggregates 602-416-2658	Ready-Mix 602-416-2652	Toll Free 877-209-7799

BILL-TO

ACCT# 3033003
 CUSTOMER ACHEN-GARDNER CONSTRUCTION LLC
 CONTACT KEVIN NUNEZ
 CELL 602-918-3243
 OFFICE N/A
 FAX N/A
 EMAIL knunez@achen.com

YOUR CEMEX REPRESENTATIVE

ACCOUNT MANAGER RAY DRIGGS
 CELL 602-809-1084
 OFFICE 602-416-2735
 FAX 602-416-2703
 EMAIL ray.driggs@cemex.com

SHIP-TO

PROJECT TOWN OF PARADISE VALLEY ROADWAY
 IMP
 ADDRESS TATUM & LINCOLN DRIVE
 CITY/ST/ZIP SCOTTSDALE AZ 85260

ENTERED 02/27/2017
 PAYMENT TERMS 1% 15th, net 20th

Quote Acceptance By 03/27/2017

Note: PRICING EXPIRES: 9-30-17

							Quoted Delivery Terms Delivered
Pr	Material	Description	Plant	Truck	QTY	UOM	Tot \$/Unit
prmy	1307799	3/4"-0, BASE COARSE	8991 Agg Trading-Superstrn Crsh	AS16	210	TON	12.20
PRICED IN SUPERS							
prmy	1312684	3"x1 1/2", SCREENED ROC/ TRACK OUT	Aggregate - 19th Ave S&G	AS16	25	TON	19.90
PRICED IN SUPERS							
prmy	1317233	MADISON - MG 1/4" MINUS	8994 Agg Trading-MadisonGranite	AS16	10	TON	20.00
PRICED IN SUPERS // SHORT LOAD FEE OF \$100.00 EXTRA FOR THE SHORT LOAD OF 10 TONS.							



Quotation 9001073200

Arizona Regional Office
5555 E Van Buren Street, Suite 155
Phoenix, AZ 85008

Customer Service:		
Aggregates	Ready-Mix	Toll Free
602-416-2658	602-416-2652	877-209-7799

Aggregate Additional Fees

Fee Description	Charges	UOM	Comment
1553461 Environmental Compliance Fee	\$5.00	LD	Charged on all loads
Plant Opening	\$500.00	EA	Weekends or Off Hours: Subject to notification
Standby Charges	\$0.00	MIN	Subject to notification
Full Freight Recovery [<22 tons]	*	LD	* Formula Calculation: (22 - Act Freight Rate)
Re-Handling Fee	\$40.00	LD	Unsuitable material dumped at landfill, to be reloaded

Ready Mix Additional Fees

Fee Description	Charges	UOM	Comment
Variable Fuel Surcharge [as of 10/14/15]	\$8.00	load	Refer to CEMEX Phoenix Ready-Mix Fuel Surcharge Index
Environmental Compliance Fee	\$25.00	load	Charged on all loads
Bucket Washout Fee (Rinse Recovery System)	\$25.00	load	This service must be requested at time of order
Color Wash Out Fee	\$20.00	load	Applies to all loads with colored concrete
Excessive Jobsite Time Fee [beyond Allowance]	\$2.00	min	Allow 4 min/ cy : 40 min Max / Id: Fee or removal from Jobsite
Ice	\$0.50	lb	Upon Contractor request to aid in temperature control
Short Load	Load	Retarder	Per CY Accelerator—>Per CY
**Fee for Conventional Freight	Only	Chilled Water	Hot Water —> \$2.00
1<2 cyd	\$175	Summer Set1	Winter Set 1 -> \$4.00
2<4 cyd	\$150	Summer Set2	Winter Set 2 -> \$7.00
4<6 cyd	\$125	Summer Set3	Winter Set 3 -> \$10.00
		Summer Set4	Winter Set 4 -> \$13.00

Landfill Terms & Conditions

All loads need to be free of deleterious materials including, but not limited to the following:

- Hazardous materials Green waste Organic material
- Floor tiles with mastic Concrete with mastic Asbestos
- ACP/Transit pipe Paper products Trash:Household or Commercial

* Mixed loads are defined as loads that have any combination of dirt, concrete, or asphalt mixed together in excess of acceptable ratios.
All loads including RGRCP pipe will also be treated as mixed loads due to the increased difficulty in the handling / recycling of this type of material.

Aggregate Terms & Conditions

- Acceptance: Quote must be accepted within 30 days. After which it is subject to confirmation by the seller.
- Notification: CEMEX Sales Department requires timely notification, 1-2 weeks prior to placing order.
- Signature: Please Sign and fax to 602-532-7259
- Fuel: Quoted delivered prices are subject to change due to volatility of diesel fuel prices.
- Adverse Conditions: CEMEX reserves the right to adjust pricing and quantities on material availability and/or adverse market conditions.
- Scope: All quoted prices are based on total materials and are good only for the project and through the date listed above.
- Discount: 1% discount available on payments received on or before 15th of the month following purchase.
- Finance Charges: 1.5% per month or 18% per annum service charge will be added to past due balances

Ready-Mix Terms & Conditions

- Acceptance: This quotation is offered for written acceptance within thirty (30) days. After which it is subject to confirmation by the seller.



Quotation 9001073200

**Arizona Regional Office
5555 E Van Buren Street, Suite 155
Phoenix, AZ 85008**

Customer Service:		
Aggregates	Ready-Mix	Toll Free
602-416-2658	602-416-2652	877-209-7799

Taxes: Prices are subject to applicable sales and excise tax.

Operating Hours: M-F excluding Holidays: Summer [3am-1pm]: Winter[5am-3pm]

Saturday: Delivery is Available. Please contact CEMEX for additional fees, conditions, and operating hours.

Plant Opening [Off Hrs]: Sunday and off-hour opening fees will be quoted upon request.

Scheduling: To assist in planning, orders should be placed 48-72 business hrs prior to delivery

Cancellations: Fees may apply to order cancellations within 24 hours of scheduled shipment

Finance Charges: 1.5% per month or 18% per annum service charge will be added to past due balances

ACHEN-GARDNER CONSTRUCTION LLC

Customer Signature:

Date:

Analyze Quotes

Folder: ASPHALT ASPHALT

Vendor Code: **VULMA1** HANAG1 SOUAS1
 Vendor Name: **Vulcan Mate** Hanson Aggre Southwest As
 Vendor Phone: **602-809-2940** 602-685-4819 480-730-1033

Bid	Activit	Resour	Description	Quantity	Unit	Plug Pric	UP	UP	UP
		2ACA1	AC A 12.5 MM	63.00	TN	70.000	68.750		
		2ACA1	AC A 19 MM	63.00	TN	70.000	68.250		

Totals: 8,820.00 **8,631.00**
Difference From Plug: -189.00 -8,820.00 -8,820.00

Note:
 A "P" beside a price indicates a plug price.
 Bold indicates that the vendor is selected.

VULMA1 - Vulcan Materials
 AGGREGATES;ASPHALT SUPPLIER;CONCRETE SUPPLIER

HANAG1 - Hanson Aggregates of Az Inc.
 AGGREGATES;ASPHALT SUPPLIER;CONCRETE SUPPLIER

SOUAS1 - Southwest Asphalt
 AGGREGATES;ASPHALT SUPPLIER

Analyze Quotes

Folder: LANDSCAPE LANDSCAPE

Vendor Code: CDDEV SUNVA1 WESTAR
 Vendor Name: C D Develop Sun Valley La Westar Enviro
 Vendor Phone: 602-222-9822 480-898-0533 480-279-1515

Bid	Activit	Resour	Description	Quantity	Unit	Plug Pric	UP	UP	UP
6010	208101	4LSCA	TREE - DESERT IRONW	2.00	EA	250.000	215.000	250.000	
6015	208101	4LSCA	SHRUB - BANK CATCLA	7.00	EA	18.000	20.000	18.000	
6020	208101	4LSCA	SHRUB - CENTURY PLA	6.00	EA	20.000	20.000	20.000	
6030	208101	4LSCA	SHRUB - COW'S HORN A	16.00	EA	20.000	25.000	20.000	
6040	208101	4LSCA	SHRUB - RUSH MILKWE	9.00	EA	18.000	20.000	18.000	
6050	208101	4LSCA	SHRUB - DESERT MARI	61.00	EA	18.000	18.000	18.000	
6060	208101	4LSCA	SHRUB - BRITTLE BUSH	10.00	EA	18.000	16.000	18.000	
6070	208101	4LSCA	SHRUB - OCOTILLO 12 C	5.00	EA	100.000	75.000	100.000	
6075	208101	4LSCA	SHRUB - BELOPERONE	9.00	EA	100.000	75.000	100.000	
6076	208101	4LSCA	CACTI - SAGUARO 10' S	1.00	EA	750.000	850.000	750.000	
6078	208101	4LSCA	CACTI - FISH HOOK BA	5.00	EA	100.000	75.000	100.000	
6080	208101	4LSCA	CACTI - PRICKLY PEAR	6.00	EA	100.000	75.000	100.000	
6090	208101	4LSCA	DG 3" MINUS (E3XPRES	2,639.00	SF	1.000	1.250	1.000	
6100	208101	4LSCA	DG MATCH EXISTING	962.00	SF	1.000	1.000	1.000	
6110	208101	4LSCA	1" BACKFLOW PREVEN	1.00	EA	1,300.000	900.000	1,300.000	
6120	208101	4LSCA	GUARDSHACK ENCLOS	1.00	EA	500.000	900.000	500.000	
6130	208101	4LSCA	IRRIGATION CONTROLL	1.00	EA	5,500.000	4,000.000	5,500.000	
6140	208101	4LSCA	1" SCH. 40 PVC	200.00	LF	1.000	2.000	1.000	
6150	208101	4LSCA	3/4" SCH. 40 PVC	800.00	LF	0.850	2.000	0.850	
6160	208101	4LSCA	SLEEVING FOR LANDSC	15.00	LF	5.000	10.000	5.000	
6170	208101	4LSCA	1" CONTROL VALVE AS	2.00	EA	750.000	450.000	750.000	
6180	208101	4LSCA	1" GATE VALVE	1.00	EA	150.000	300.000	150.000	
6190	208101	4LSCA	QUICK COUPLER ASSE	1.00	EA	225.000	300.000	225.000	
6200	208101	4LSCA	MULTI-PORT EMITTER	110.00	EA	10.000	15.000	10.000	
6210	208101	4LSCA	FLUSH CAP	1.00	EA	100.000	30.000	100.000	
6240	208101	4LSCA	BOULDERS - 3X3X5 2500	3.00	EA	350.000	190.000	350.000	
6250	208101	4LSCA	BOULDERS - 2X3X3 1800	9.00	EA	200.000	185.000	200.000	
Totals:						23,537.00	22,878.75	23,537.00	
Difference From Plug:							-658.25		-23,537.00

Note:
 A "P" beside a price indicates a plug price.
 Bold indicates that the vendor is selected.

SUNVA1 - Sun Valley Landscape
 LANDSCAPING & IRRIGATION



CD Development, LLC.

CD DEVELOPMENT, L.L.C.

4632 South 36th Street

Phoenix, Arizona 85040

p. (602) 222-9822

f. (602) 393-9670

AZ ROC# 188533

DBE Certification # 5495

www.cddevelopmentaz.com

Achen Gardner Construction, LLC

February 28, 2017

ATTN: Kevin Nunez

RE: Ritz Carlton Street Improvements

We respectfully submit a bid proposal for the landscape and irrigation scope of the above referenced project. This proposal is based on 100% plan sheets and details by TY-LIN and EPG. Description of work includes: attached bid schedule.

Proposed total price: \$22,878.75

Assumptions/Exclusions/Clarifications

- Rough grade to be within 0.10/ft. in all dg/planting areas, topsoil in all landscape areas to be provided by GC as required.
- All sales tax, permits, bonds and other fees by GC as required.
- GC to provide all construction water, dust control (palliative) and permanent/temporary, new/relocated water meter for construction.
- GC to provide all traffic control and temporary access as required by CD Development (CDD).
- GC to relocate water meter and pipe copper to BFPU location on plan. Permits and fees by GC.
- All clearing and grubbing, concrete, asphalt, curbs, walls, shrub and tree removals and disposal by G.C.
- All necessary boring and concrete/asphalt saw cutting disposal and replacements by GC.
- No master valve, flow sensor or water/electric meter included.
- No maintenance of site once substantiality complete and approved.
- Not bid with prevailing wages.

We appreciate the opportunity to provide Achen-Gardner a proposal for the above work and guarantee this price until August of 2017. If you have any questions, please contact me at 602-222-9822.

Sincerely,

Carlos Corral

CD Development, L.L.C.



EXHIBIT B: SUBCONTRACTOR BID FORM (02/16/17)

ACHEN-GARDNER CONSTRUCTION, LLC
REQUEST FOR BIDS

TO: Achen-Gardner Construction, LLC

Date: 2/28/17

FROM: CD Development LLC
ADDRESS: 4632 S. 36th St. Phx AZ 85040
PHONE: 602.222.9822
CONTACT: Carlos Corral

RE: **TOWN OF PARADISE VALLEY - CONSTRUCTION MANAGER AT RISK FOR:
ROADWAY IMPROVEMENTS RELATED TO THE RITZ CARLTON DEVELOPMENT
GMP 1
TOPV PROJECT NO.: 2016-14
AGC PROJECT NO.: 3526100**

SUBJECT: **Bid Form Due Date: February 28, 2017
Time: 12:00 Noon
Place: Achen-Gardner Construction, LLC
550 S. 79th Street
Chandler, AZ 85226
OR
Email: knunez@achen.com (Kevin Nunez)**

Pricing submittals will be received at the Chandler office of Achen-Gardner Construction, LLC (Achen-Gardner) located at 550 South 79th Street, Chandler, Arizona. Bidders must review all associated documents and become familiar with the existing site conditions prior to pricing submittal. By submitting this Bid Form, Bidder acknowledges that such review has been completed.

NOTE: Bidders are directed NOT to contact the Owner or Designer with questions regarding this bid.

PROJECT SUMMARY:

GMP 1 consists of the improvements on Lincoln Drive at the intersection of Tatum Boulevard and Lincoln Drive in the Town of Paradise Valley and is Phase 1 of the larger offsite improvements project around the new site being developed by Five Star Development Resort Communities for the Ritz Carlton Resort on Scottsdale Road and Lincoln Boulevard.

The improvements support the expansion of west-bound Lincoln Boulevard to include a second right-turn lane and also include the associated utility relocations, improvements to the roadway frontage, modifications to the median, new sidewalk, curb and gutter, landscaping, and construction of a new wall

MAJOR SUBCONTRACTOR SELECTION PROCESS AND REQUIREMENTS:

As per the APDM legislation, major subcontractors are being selected based on a combination of qualifications and price.

Qualifications: All interested bidders are required to complete the included Subcontractor Letter of Interest & Pre-Qualification Statement. This portion of the selection process will be reviewed and scored Pass/Fail.

Pricing Submittal: All Bidders are required to submit this Bid Form as detailed herein, by **February 28, 2017 at 12:00 Noon.**

Final Selection: The qualified bidder for each scope with the proposal (including bidder's pricing qualifications/inclusions/exclusions, proposed alternatives, and perceived ability to meet the Project's schedule) that represents the best value to the Town will be recommended. Final awards are based on Town of Paradise Valley approval.

INSTRUCTIONS TO BIDDERS

GENERAL INSTRUCTIONS:

- 1) If after review of the documents, Bidder elects not to bid, please advise Achen-Gardner immediately so we may adjust accordingly.
- 2) **Questions will be taken until February 24, 2017 at 12:00 noon.** All questions must be submitted in writing via email to Kevin Nunez at knunez@achen.com. Responses to questions will be furnished to all Bidders.
- 3) Pricing submittals may be delivered in the following ways:
 - a. Via FAX to (480) 940-4576. All Pricing submittals transmitted by FAX (ATTN: Kevin Nunez) shall be in the hands of Achen-Gardner prior to bid closing time. Telephone submittals will not be accepted.
 - b. Via email to Kevin Nunez (knunez@achen.com) prior to bid closing time.
 - c. Via hard copy original to the Chandler office of Achen-Gardner Construction located at 550 South 79th Street, Chandler, AZ 85226 prior to bid closing time.
- 4) These instructions are provided to Bidders so that they may properly respond to the Request for Bid. Each Bidder is directed to carefully review these instructions and all documents prior to submitting their bid.
- 5) Bidders are directed **NOT** to contact the Owner or Designer with questions regarding this bid.
- 6) The Town of Paradise Valley, its representatives and Achen-Gardner reserve the right to waive any informality in any Bid.
- 7) The Town of Paradise Valley, its representatives and Achen-Gardner reserve the right to accept or reject any or all pricing submittals.
- 8) **All pricing submittals shall be submitted on the Bid Form prepared by Achen-Gardner and completed in its entirety. No exceptions will be made.**
- 9) All pricing submittals shall be signed by a duly authorized agent of the Company submitting the Bid.
- 10) Receipt of Addenda and Amendments (if any) shall be acknowledged by the Bidders on their signed Bid Form (ref: last page of this Bid Form). Addenda/Amendments shall be issued via email.
- 11) The Bid Quantities furnished on Exhibit C the Schedule of Values (SOV) by Achen-Gardner shall be used by each bidder in the tabulation of their pricing submittals. Each Bidder shall provide Bid Unit Prices in accordance with the required documents. Bidders **shall** provide as a separate attachment their own actual take-off quantities/pricing. Pricing total and evaluation of bids will be based on the bid quantities provided by Achen-Gardner (i.e. Exhibit C – Schedule of Values). Your “Bidder Take-off Quantities/Pricing” will be utilized only for evaluation of final scope and quantities and is required for this submittal.

- 12) Each bidder shall become familiar with the project site and perform a thorough plan review and take-off to familiarize themselves with the project scope. A separate section on the SOV (last page) is furnished for Bidders to enter items, associated quantities, and pricing identified during plan review that are not itemized on the SOV. These items will be evaluated separately from the base SOV. Only the base SOV will be utilized in tabulating comparative bid totals among Bidders.
- 13) Alternate systems, cost savings, and value engineering ideas are encouraged. If a Bidder would like to propose any of these, they should include this information in the space provided on the SOV (ref: last page of the SOV). These items will be evaluated separately from the Base Schedule of Values.
- 14) No changes to these Instructions to Bidders shall be made unless included in an official Amendment to the Instructions to Bidders issued by Achen-Gardner.
- 15) **ALL BIDDERS - All Bid pricing must include: all costs for mobilization/demobilization, fabrication, delivery, layout, supervision, trench safety barricading/marketing, attendance at weekly/specialty/utility project meetings/site meets, contributions to final plan and constructability reviews (relative to Subcontractor's scope), labor, materials, equipment, uncrating, hoisting, setting, installation, parking, storage, insurance, permits, shop drawings, submittals, samples, overhead, profit and any other costs necessary to complete the work required in accordance with all associated Project documents.**
- 16) Any exclusions must be specifically stated.
- 17) Achen-Gardner's primary role on the Project will be as General Contractor/Construction Manager responsible for temporary project field office/yard, general conditions, permits, survey, quality control, testing, traffic control, grading, paving, concrete flatwork, sewer construction, concrete structures, general job site supervision, owner payment and performance bonds, and sales tax.
- 18) Achen-Gardner will be negotiating a Guaranteed Maximum Price (GMP) with the Town of Paradise Valley based on the subcontract proposals being solicited here. The GMP Contract will be a Unit Price/Measured Quantity/Not-to-exceed type of contract, as will the associated Subcontract Agreements. The GMP and associated Subcontract Agreements will be based on the specific scope set out in the Bid Documents provided to you.
- 19) The successful Bidders will be notified only after a thorough review and evaluation of all the Pricing submittals and Bid Forms have been made by Achen-Gardner, and in accordance with the tentative schedule (ref: Project Tentative Schedule). If needed, Achen-Gardner may conduct interviews with bidders to assist in evaluation of bid proposals and bidder understanding of the project scope (re: Project Tentative Schedule).

PROJECT TENTATIVE SCHEDULE:

Subcontractor LOI & Pre-Qualification Statement Due (Exhibit A) (Exhibit A required from only <u>Major</u> Subcontractors (Proposals of \$50,000 +)	02/24/17
Subcontractor Bid Form (Exhibit B) with SOV (Exhibit C)	02/28/17
GMP Submittal to the Town/Subcontractor Recommendations	03/06/17
Construction NTP (Tentative)	04/10/17
Project Substantial Completion	07/10/17
* All times are Mountain Standard Time (MST)	

4) SUPPLIERS:

The following Suppliers are proposed for this Project. This list is complete and no additional Suppliers shall be allowed on the Project site without prior approval:

Company	Contact	Phone Number	Product
Horizon	Lee Diller	602.768.1367	Irrigation
Granite Express	Paul Kerr	480.354.6809	Rock Mulch
Sunrise Nursery	Joe Carranza	623.703.0376	Plants
Mountain States Nursery	Jean Cote	623.764.1027	Plants

5) INSURANCE:

Bidder's insurance coverage meets or exceeds the Town of Paradise Valley contract requirements.

YES NO

6) PLANS AND DOCUMENTS:

Following are the Bid Documents and should be thoroughly reviewed by Bidder:

- EXHIBIT A: Subcontractor Letter of Interest & Pre-Qualification Statement
- EXHIBIT B: Subcontractor Bid Form
- EXHIBIT C: GMP Schedule of Values
- EXHIBIT D: 90% Plan Comments
- TY Lin International 90% Plan Set Ritz Carlton Street Improvements Tatum Blvd. & Lincoln Drive Paradise Valley, Arizona Project No. 2016-14 dated 12/16.

7) PAY ITEM SCOPE CLARIFICATIONS:

General Items:

- CM@R General Contractor (Achen-Gardner) is responsible for all traffic control, survey, and acceptance material testing.
- **Stipulation of any inclusions, exclusions, and/or clarifications associated with your proposal must be presented with your Pricing Submittal**
- It is the Bidder's responsibility to ensure that Bidder understands the tentative construction schedule and duration and has furnished proposal pricing accordingly.
- This is a CM@R project and will, therefore, require Subcontractor's participation (relative to Subcontractor's scope of work) in the remainder of the design review/comment process and associated meetings throughout construction in addition to regular construction meetings. Plan accordingly in your pricing structure.
- **Pricing:** Achen-Gardner requests all proposals' pricing be good through July 10, 2017. If there is a potential of price escalations for specific items, you may: 1) include them in your overall unit price for the item, or 2) provide the estimated amount of the price escalation and the approximate date it will occur.

- It is our intention to address any potential material/commodity escalations in our final pricing to the Town with all approved selected bidders and prior to entering into sub-contract agreements. Exclusions and/or clarifications regarding this requirement must be included on the Bid Schedule of Values or Attachments. If no estimated escalation is noted, the Schedule of Values prices included with Bidder's proposal will be accepted as good for the project duration through July 10, 2017.

Quality Control Testing:

- This project scope shall bid using MAG Testing Specifications and Town of Paradise Valley supplemental requirements.

Construction Survey & Staking Subcontractors:

- All Bidders will carry \$1,000,000.00 minimum Professional Liability Errors and Omissions Coverage.

8) ABILITY TO COMPLY WITH PROJECT SCHEDULE REQUIREMENTS

YES NO

9) ADDENDA ACKNOWLEDGMENTS:

Addendum N/A Dated _____ Addendum _____ Dated _____
Addendum _____ Dated _____ Addendum _____ Dated _____

10) BIDDER ACKNOWLEDGMENT:

Bidder acknowledges that the Town of Paradise Valley, its representatives and Achen-Gardner will rely upon this Bid in determining whether to proceed with the Project and/or contracts; and that once submitted, this Bid may not be altered, amended or withdrawn for a period of thirty (30) days without prior written consent of Achen-Gardner.

11) SUBCONTRACT:

Bidder herein agrees that if awarded the work on the basis of this Bid Proposal, he will enter into and execute a contract with Achen-Gardner. (Re. Bid Form Section 6)

COMPANY / BIDDER: CD Development LLC

SIGNATURE: Carlos Corral

PRINTED NAME: Carlos Corral

TITLE: Member

DATE: 2/28/17

CONTRACTORS LICENSE NO: 188533



ACHEN GARDNER CONSTRUCTION, LLC
550 SOUTH 79TH STREET
CHANDLER, AZ 85226
480.940.1300 P
480.940.4576 F

REQUEST FOR QUOTATION

C D Development LLC
4632 S 36th Street
Phoenix AZ 85040
(602) 222-9822
ccorral@corraldesigngroup.com
Attention: Carlos Corral

RE: TOWN OF PARADISE VALLEY - CONSTRUCTION MANAGER AT RISK FOR:
ROADWAY IMPROVEMENTS RELATED TO THE RITZ CARLTON DEVELOPMENT
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OR

Email: knunez@achen.com <<mailto:knunez@achen.com>> (Kevin Nunez)

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The improvements support the expansion of west-bound Lincoln Boulevard to include a second right-turn lane and also include the associated utility relocations, improvements to the roadway frontage, modifications to the median, new sidewalk, curb and gutter, landscaping, and construction of a new wall.

**Plans and other project documents are available by inserting
<https://achen.box.com/v/TatumLincoln90GMP>**

MAJOR SUBCONTRACTOR SELECTION PROCESS AND REQUIREMENTS:

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 - 16) Any exclusions must be specifically stated.
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survey, quality control, testing, traffic control, grading, paving, concrete flatwork, sewer construction, concrete structures, general job site supervision, owner payment and performance bonds, and sales tax.

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PROJECT TENTATIVE SCHEDULE:

Subcontractor LOI & Pre-Qualification Statement Due (Exhibit A) 02/24/17
 (Exhibit A required from only Major Subcontractors (Proposals of \$50,000 +)

Subcontractor Bid Form (Exhibit B) with SOV (Exhibit C)
 02/28/17

GMP Submittal to the Town/Subcontractor Recommendations 03/06/17
 Construction NTP (Tentative)

04/10/17

Project Substantial Completion 07/10/17

* All times are Mountain Standard Time (MST)

EXHIBIT C:

Item	Description	Quan	Units	Unit Price \$	Extension \$
6010	TREE - DESERT IRONWOOD 24" BOX	2.00	EA	215.00	430.00
6015	SHRUB - BANK CATCLAW FLAT	7.00	EA	20.00	140.00
6020	SHRUB - CENTURY PLANT 5 GALLON	6.00	EA	20.00	120.00
6030	SHRUB - COW'S HORN AGAVE 5 GALLON	16.00	EA	25.00	400.00
6040	SHRUB - RUSH MILKWEED 5 GALLON	9.00	EA	20.00	180.00
6050	SHRUB - DESERT MARIGOLD 5 GALLON	61.00	EA	18.00	1098.00
6060	SHRUB - BRITTLE BUSH 5 GALLON	10.00	EA	16.00	160.00
6070	SHRUB - OCOTILLO 12 CANE MIN.	5.00	EA	75.00	375.00
6075	SHRUB - BELOPERONE 15 GALLON	9.00	EA	75.00	675.00
6076	CACTI - SAGUARO 10' SPEAR	1.00	EA	850.00	850.00
6078	CACTI - FISH HOOK BARREL 15 GALLON	5.00	EA	75.00	375.00

6080	CACTI - PRICKLY PEAR 15- GALLON	6.00	EA	75.00	450.00
6090	DG 3" MINUS (E3XPRESS NATURAL) ROCK MULCH	2,639.00	SF	1.25	3298.75
6100	DG MATCH EXISTING	962.00	SF	1.00	962.00
6110	1" BACKFLOW PREVENTER	1.00	EA	900.00	900.00
6120	GUARDSHACK ENCLOSURE	1.00	EA	900.00	900.00
6130	IRRIGATION CONTROLLER LEIT X20	1.00	EA	4000.00	4000.00
6140	1" SCH. 40 PVC	200.00	LF	2.00	400.00
6150	3/4" SCH. 40 PVC	800.00	LF	2.00	1600.00
6160	SLEEVING FOR LANDSCAPE IRRIGATION	15.00	LF	10.00	150.00
6170	1" CONTROL VALVE ASSEMBLY	2.00	EA	450.00	900.00
6180	1" GATE VALVE	1.00	EA	300.00	300.00
6190	QUICK COUPLER ASSEMBLY	1.00	EA	300.00	300.00
6200	MULTI-PORT EMITTER ASSEMBLY	110.00	EA	15.00	1650.00
6210	FLUSH CAP	1.00	EA	30.00	30.00
6230	RELOCATE EXISTING WATER METER	1.00	EA	-	-
6240	BOULDERS - 3X3X5 2500 LBS EXPRESS CARMEL	3.00	EA	190.00	570.00
6250	BOULDERS - 2X3X3 1800 LBS EXPRESS CARMEL	9.00	EA	185.00	1665.00
					22878.75

Please quote all items and return to knunez@achen.com
or fax to 480-940-4576 by February 28, 2017 12:00 Noon

If you have any questions regarding this project, please contact
Kevin Nunez at
knunez@achen.com
480-940-1300
602-918-3243

If the contact information in this solicitation letter is incorrect or needs to be changed, please let us know so that we may maintain correct contact information for your business. Thank you.

EXHIBIT C: 100% CD Development LLC Quantity Takeoff and Pricing

Item	Description	Quan	Units	Unit Price \$	Extension \$
6010	TREE - DESERT IRONWOOD 24" BOX	2.00	EA	215.00	430.00
6015	SHRUB - BANK CATCLAW FLAT	7.00	EA	20.00	140.00
6020	SHRUB - CENTURY PLANT 5 GALLON	6.00	EA	20.00	120.00
6030	SHRUB - COW'S HORN AGAVE 5 GALLON	16.00	EA	25.00	400.00
6040	SHRUB - RUSH MILKWEED 5 GALLON	9.00	EA	20.00	180.00
6050	SHRUB - DESERT MARIGOLD 5 GALLON	61.00	EA	18.00	1098.00
6060	SHRUB - BRITTLE BUSH 5 GALLON	10.00	EA	16.00	160.00
6070	SHRUB - OCOTILLO 12 CANE MIN.	5.00	EA	75.00	375.00
6075	SHRUB - BELOPERONE 15 GALLON	9.00	EA	75.00	675.00
6076	CACTI - SAGUARO 10' SPEAR	1.00	EA	850.00	850.00
6078	CACTI - FISH HOOK BARREL 15 GALLON	5.00	EA	75.00	375.00
6080	CACTI - PRICKLY PEAR 15- GALLON	6.00	EA	75.00	450.00
6090	DG 3" MINUS (E3XPRESS NATURAL) ROCK MULCH	2,609.00	SF	1.25	3261.25
6100	DG MATCH EXISTING	964.00	SF	1.00	964.00
6110	1" BACKFLOW PREVENTER	1.00	EA	900.00	900.00
6120	GUARDSHACK ENCLOSURE	1.00	EA	900.00	900.00
6130	IRRIGATION CONTROLLER LEIT X20	1.00	EA	4000.00	4000.00
6140	1" SCH. 40 PVC	192.00	LF	2.00	384.00
6150	3/4" SCH. 40 PVC	557.00	LF	2.00	1114.00
6160	SLEEVING FOR LANDSCAPE IRRIGATION	15.00	LF	10.00	150.00
6170	1" CONTROL VALVE ASSEMBLY	2.00	EA	450.00	900.00
6180	1" GATE VALVE	1.00	EA	300.00	300.00
6190	QUICK COUPLER ASSEMBLY	1.00	EA	300.00	300.00
6200	MULTI-PORT EMITTER ASSEMBLY	40.00	EA	15.00	600.00
6210	FLUSH CAP	4.00	EA	30.00	120.00
6230	RELOCATE EXISTING WATER METER	1.00	EA	-	-

6240	BOULDERS - 3X3X5 2500 LBS EXPRESS CARMEL	3.00	EA	190.00	570.00
6250	BOULDERS - 2X3X3 1800 LBS EXPRESS CARMEL	10.00	EA	185.00	1850.00
					21566.25



EXHIBIT B: SUBCONTRACTOR BID FORM (02/16/17)

ACHEN-GARDNER CONSTRUCTION, LLC
REQUEST FOR BIDS

TO: Achen-Gardner Construction, LLC

Date: 2/28/17

FROM: W.K. Anderson Enterprises DBA Sun Valley Landscape
ADDRESS: 1999 W. Houston Ave Apache Junction, 85120
PHONE: 480.898.0533
CONTACT: Stephanie Hicks

RE: TOWN OF PARADISE VALLEY - CONSTRUCTION MANAGER AT RISK FOR:
ROADWAY IMPROVEMENTS RELATED TO THE RITZ CARLTON DEVELOPMENT
GMP 1
TOPV PROJECT NO.: 2016-14
AGC PROJECT NO.: 3526100

SUBJECT: Bid Form Due Date: February 28, 2017
Time: 12:00 Noon

Place: Achen-Gardner Construction, LLC
550 S. 79th Street
Chandler, AZ 85226
OR
Email: knunez@achen.com (Kevin Nunez)

Pricing submittals will be received at the Chandler office of Achen-Gardner Construction, LLC (Achen-Gardner) located at 550 South 79th Street, Chandler, Arizona. Bidders must review all associated documents and become familiar with the existing site conditions prior to pricing submittal. By submitting this Bid Form, Bidder acknowledges that such review has been completed.

NOTE: Bidders are directed NOT to contact the Owner or Designer with questions regarding this bid.

ACHEN-GARDNER CONSTRUCTION, LLC | www.achen.com
550 South 79th Street | Chandler, AZ 85226 | P: 480.940.1300 | P: 800.580.5548 | F: 480.940.4576

ARIZONA | COLORADO | NEW MEXICO | UTAH
AZ: ROC261745 A-, ROC261746 B-01, ROC261747 B-04 CO: 20101257887 NM: #365027 UT: ROC7650801-5501

PROJECT SUMMARY:

GMP 1 consists of the improvements on Lincoln Drive at the intersection of Tatum Boulevard and Lincoln Drive in the Town of Paradise Valley and is Phase 1 of the larger offsite improvements project around the new site being developed by Five Star Development Resort Communities for the Ritz Carlton Resort on Scottsdale Road and Lincoln Boulevard.

The improvements support the expansion of west-bound Lincoln Boulevard to include a second right-turn lane and also include the associated utility relocations, improvements to the roadway frontage, modifications to the median, new sidewalk, curb and gutter, landscaping, and construction of a new wall

MAJOR SUBCONTRACTOR SELECTION PROCESS AND REQUIREMENTS:

As per the APDM legislation, major subcontractors are being selected based on a combination of qualifications and price.

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Final Selection: The qualified bidder for each scope with the proposal (including bidder's pricing qualifications/inclusions/exclusions, proposed alternatives, and perceived ability to meet the Project's schedule) that represents the best value to the Town will be recommended. Final awards are based on Town of Paradise Valley approval.

INSTRUCTIONS TO BIDDERS

GENERAL INSTRUCTIONS:

- 1) If after review of the documents, Bidder elects not to bid, please advise Achen-Gardner immediately so we may adjust accordingly.
- 2) **Questions will be taken until February 24, 2017 at 12:00 noon.** All questions must be submitted in writing via email to Kevin Nunez at knunez@achen.com. Responses to questions will be furnished to all Bidders.
- 3) Pricing submittals may be delivered in the following ways:
 - a. Via FAX to (480) 940-4576. All Pricing submittals transmitted by FAX (ATTN: Kevin Nunez) shall be in the hands of Achen-Gardner prior to bid closing time. Telephone submittals will not be accepted.
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- 8) **All pricing submittals shall be submitted on the Bid Form prepared by Achen-Gardner and completed in its entirety. No exceptions will be made.**
- 9) All pricing submittals shall be signed by a duly authorized agent of the Company submitting the Bid.
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- 12) Each bidder shall become familiar with the project site and perform a thorough plan review and take-off to familiarize themselves with the project scope. A separate section on the SOV (last page) is furnished for Bidders to enter items, associated quantities, and pricing identified during plan review that are not itemized on the SOV. These items will be evaluated separately from the base SOV. Only the base SOV will be utilized in tabulating comparative bid totals among Bidders.
- 13) Alternate systems, cost savings, and value engineering ideas are encouraged. If a Bidder would like to propose any of these, they should include this information in the space provided on the SOV (ref: last page of the SOV). These items will be evaluated separately from the Base Schedule of Values.
- 14) No changes to these Instructions to Bidders shall be made unless included in an official Amendment to the Instructions to Bidders issued by Achen-Gardner.
- 15) **ALL BIDDERS - All Bid pricing must include: all costs for mobilization/demobilization, fabrication, delivery, layout, supervision, trench safety barricading/marking, attendance at weekly/specialty/utility project meetings/site meets, contributions to final plan and constructability reviews (relative to Subcontractor's scope), labor, materials, equipment, uncrating, hoisting, setting, installation, parking, storage, insurance, permits, shop drawings, submittals, samples, overhead, profit and any other costs necessary to complete the work required in accordance with all associated Project documents.**
- 16) Any exclusions must be specifically stated.
- 17) Achen-Gardner's primary role on the Project will be as General Contractor/Construction Manager responsible for temporary project field office/yard, general conditions, permits, survey, quality control, testing, traffic control, grading, paving, concrete flatwork, sewer construction, concrete structures, general job site supervision, owner payment and performance bonds, and sales tax.
- 18) Achen-Gardner will be negotiating a Guaranteed Maximum Price (GMP) with the Town of Paradise Valley based on the subcontract proposals being solicited here. The GMP Contract will be a Unit Price/Measured Quantity/Not-to-exceed type of contract, as will the associated Subcontract Agreements. The GMP and associated Subcontract Agreements will be based on the specific scope set out in the Bid Documents provided to you.
- 19) The successful Bidders will be notified only after a thorough review and evaluation of all the Pricing submittals and Bid Forms have been made by Achen-Gardner, and in accordance with the tentative schedule (ref: Project Tentative Schedule). If needed, Achen-Gardner may conduct interviews with bidders to assist in evaluation of bid proposals and bidder understanding of the project scope (re: Project Tentative Schedule).

PROJECT TENTATIVE SCHEDULE:

Subcontractor LOI & Pre-Qualification Statement Due (Exhibit A) (Exhibit A required from only <u>Major</u> Subcontractors (Proposals of \$50,000 +)	02/24/17
Subcontractor Bid Form (Exhibit B) with SOV (Exhibit C)	02/28/17
GMP Submittal to the Town/Subcontractor Recommendations	03/06/17
Construction NTP (Tentative)	04/10/17
Project Substantial Completion	07/10/17
* All times are Mountain Standard Time (MST)	

4) SUPPLIERS:

The following Suppliers are proposed for this Project. This list is complete and no additional Suppliers shall be allowed on the Project site without prior approval:

Company	Contact	Phone Number	Product
Horizon Irrigation	John Daniel	602-768-1316	Irrigation parts
J+S Landscape materials	Tommedlock	480-985-8330	Granite
Sunrise Nursery	Anotnio Salinas	623-544-1961	Trees/Plants

5) INSURANCE:

Bidder's insurance coverage meets or exceeds the Town of Paradise Valley contract requirements.

YES NO

6) PLANS AND DOCUMENTS:

Following are the Bid Documents and should be thoroughly reviewed by Bidder:

- EXHIBIT A: Subcontractor Letter of Interest & Pre-Qualification Statement
- EXHIBIT B: Subcontractor Bid Form
- EXHIBIT C: GMP Schedule of Values
- EXHIBIT D: 90% Plan Comments
- TY Lin International 90% Plan Set Ritz Carlton Street Improvements Tatum Blvd. & Lincoln Drive Paradise Valley, Arizona Project No. 2016-14 dated 12/16.

7) PAY ITEM SCOPE CLARIFICATIONS:

General Items:

- CM@R General Contractor (Achen-Gardner) is responsible for all traffic control, survey, and acceptance material testing.
- **Stipulation of any inclusions, exclusions, and/or clarifications associated with your proposal must be presented with your Pricing Submittal**
- It is the Bidder's responsibility to ensure that Bidder understands the tentative construction schedule and duration and has furnished proposal pricing accordingly.
- This is a CM@R project and will, therefore, require Subcontractor's participation (relative to Subcontractor's scope of work) in the remainder of the design review/comment process and associated meetings throughout construction in addition to regular construction meetings. Plan accordingly in your pricing structure.
- **Pricing:** Achen-Gardner requests all proposals' pricing be good through July 10, 2017. If there is a potential of price escalations for specific items, you may: 1) include them in your overall unit price for the item, or 2) provide the estimated amount of the price escalation and the approximate date it will occur.

- It is our intention to address any potential material/commodity escalations in our final pricing to the Town with all approved selected bidders and prior to entering into sub-contract agreements. Exclusions and/or clarifications regarding this requirement must be included on the Bid Schedule of Values or Attachments. If no estimated escalation is noted, the Schedule of Values prices included with Bidder's proposal will be accepted as good for the project duration through July 10, 2017.

Quality Control Testing:

- This project scope shall bid using MAG Testing Specifications and Town of Paradise Valley supplemental requirements.

Construction Survey & Staking Subcontractors:

- All Bidders will carry \$1,000,000.00 minimum Professional Liability Errors and Omissions Coverage.

8) ABILITY TO COMPLY WITH PROJECT SCHEDULE REQUIREMENTS

YES X NO _____

9) ADDENDA ACKNOWLEDGMENTS:

Addendum _____ Dated _____ Addendum _____ Dated _____
Addendum _____ Dated _____ Addendum _____ Dated _____

10) BIDDER ACKNOWLEDGMENT:

Bidder acknowledges that the Town of Paradise Valley, its representatives and Achen-Gardner will rely upon this Bid in determining whether to proceed with the Project and/or contracts; and that once submitted, this Bid may not be altered, amended or withdrawn for a period of thirty (30) days without prior written consent of Achen-Gardner.

11) SUBCONTRACT:

Bidder herein agrees that if awarded the work on the basis of this Bid Proposal, he will enter into and execute a contract with Achen-Gardner. (Re. Bid Form Section 6)

COMPANY / BIDDER: Sun Valley Landscape

SIGNATURE: Stephanie Hicks

PRINTED NAME: Stephanie Hicks

TITLE: Project Coordinator / Estimating Asst.

DATE: 2/28/17

CONTRACTORS LICENSE NO: 133936



**100% Native American and Air Force Veteran Owned and Operated
MBE Certified~ SBC- ADOT UTRACS #11273**

W. K. ANDERSON ENTERPRISES, INC. Dba **SUN VALLEY LANDSCAPE**
1999 W. Houston Ave., Apache Junction, AZ 85120
(480) 898-0533 Office (480) 898-1864 Fax
www.sunvalleylandscape.com
ROC #133936, 133935

Bid Proposal

Date: February 28, 2017

Company: Achen Gardner

Attention: Kevin Nunez

Phone: 480.940.1300

Fax:

E-mail: knunez@achen.com

Addendum(s):

Project: Tatum & Lincoln

We are pleased to submit our proposal for the above referenced project.

Please see the bid form for all items included in the bid price

\$23,537.00

Exclusions/Inclusions:

- Excludes bonds, & permits.
- Excludes protection of existing landscape.
- Excludes Acts of God.
- Excludes street sweepers.
- Excludes barricades and/or any traffic control, and off-duty police officer.
- Hard dig, if a 310 backhoe or 2300 Ditch Witch can't dig, there will be an additional charge.
- No coring, boring, cutting, patching of asphalt, concrete, plates or plating, etc.
- Excludes slurry.
- Excludes site dust control.
- Excludes water meter and box.
- Grade to be + or - .10 done by the General Contractor.
- Includes 2 mobilizations, any additional MOB's will be charged @ \$1000.00.
- No import/export of soil.
- Owner/GC will provided water to site or will reimburse Sun Valley for any expenses associated with said meter and water usage.
- Price variance **may** occur every 3 months if project is delayed to accommodate increases in materials.
- Excludes concrete header, curbing, demo, electrical runs/pull boxes, erosion control, flow sensor, master valves, metal edging, purple pipe, removals, rip rap, seeding, sod/turf, and temporary water supply.
- Excludes Davis Bacon Wages.

Disclaimers

- Price good through 7/10/17.
- Net 30 days unless otherwise indicated or negotiated.
- Prices good only if this proposal is made a part of the contract documents.

Sincerely,

Stephanie Hicks
Sun Valley Landscape

Achen Gardner Construction

Item	Description	Quan	Units	Unit Price	Extension
6010	TREE - DESERT IRONWOOD 24" BOX	2.00	EA	250	500-
6015	SHRUB - BANK CATCLAW FLAT	7.00	EA	18-	126-
6020	SHRUB - CENTURY PLANT 5 GALLON	6.00	EA	20-	120-
6030	SHRUB - COW'S HORN AGAVE 5 GALLON	16.00	EA	20-	320-
6040	SHRUB - RUSH MILKWEED 5 GALLON	9.00	EA	18-	162-
6050	SHRUB - DESERT MARIGOLD 5 GALLON	61.00	EA	18-	1098-
6060	SHRUB - BRITTLE BUSH 5 GALLON	10.00	EA	18-	180-
6070	SHRUB - OCOTILLO 12 CANE MIN.	5.00	EA	100-	500-
6075	SHRUB - BELOPERONE 15 GALLON	9.00	EA	100-	900-
6076	CACTI - SAGUARO 10' SPEAR	1.00	EA	750-	750-
6078	CACTI - FISH HOOK BARREL 15 GALLON	5.00	EA	100-	500-
6080	CACTI - PRICKLY PEAR 15- GALLON	6.00	EA	100-	600-
6090	DG 3" MINUS (E3XPRESS NATURAL) ROCK MULCH	2,639.00	SF	1.00	2639-
6100	DG MATCH EXISTING	962.00	SF	1.00	962-
6110	1" BACKFLOW PREVENTER	1.00	EA	1300-	1300-
6120	GUARDSHACK ENCLOSURE	1.00	EA	500-	500-
6130	IRRIGATION CONTROLLER LEIT X20	1.00	EA	5500-	5500-
6140	1" SCH. 40 PVC	200.00	LF	1.00	200-
6150	3/4" SCH. 40 PVC	800.00	LF	.85	680-
6160	SLEEVING FOR LANDSCAPE IRRIGATION	15.00	LF	5-	75-
6170	1" CONTROL VALVE ASSEMBLY	2.00	EA	750-	1500-
6180	1" GATE VALVE	1.00	EA	150-	150-
6190	QUICK COUPLER ASSEMBLY	1.00	EA	225-	225-
6200	MULTI-PORIT EMITTER ASSEMBLY	110.00	EA	10-	1100-
6210	FLUSH CAP	1.00	EA	100-	100-
6230	RELOCATE EXISTING WATER METER	1.00	EA	NB	NB
6240	BOULDERS - 3X3X5 2500 LBS EXPRESS CARMEL	3.00	EA	350-	1050-
6250	BOULDERS - 2X3X3 1800 LBS EXPRESS CARMEL	9.00	EA	200-	1800-

Please quote all items and return to knunez@achen.com
or fax to 480-940-4576 by February 28, 2017 12:00 Noon

If you have any questions regarding this project please contact
Kevin Nunez at
knunez@achen.com
480-940-1300
602-918-3243

If the contact information in this solicitation letter is incorrect or needs to be changed, please let us know so that we may maintain correct contact information for your business. Thank you.

Sun Valley Landscape
 100% Native American and Air Force Veteran Owned and Operated
 Phone: (480) 898-0533
 Fax: (480) 898-1864



TATUM & LINCOLN - 100% PLANS - NOT FOR CONSTRUCTION

ITEM	DESCRIPTION	QTY	UNIT
BOULDERS			
	3' X 3' X 5' EXPRESS CARMEL BOULDERS - 2500 LBS	3	EA
	2' X 3' X 3' EXPRESS CARMEL BOULDERS - 1800 LBS	10	EA
CACTI			
	15 GAL FISH HOOK BARREL	5	EA
	15 GAL PRICKLY PEAR	6	EA
CONTROLLER			
	LIET X20 - SOLAR CONTROLLER	1	EA
INERTS			
	3' MINUS - EXPRESS NATURAL - EXPRESS CARMEL - ROCK MULCH - 4" THICK	2,439	SF
	MATCH EXISTING - ROCK MULCH IN SIZE AND COLOR - 4" THICK MAX	966	SF
IRRIGATION- PIPE			
	1" MAINLINE - SCH 40	210	LF
	3/4" LATERALS - SCH 40	800	LF
	SPARE CONTROL WIRES	1680	LF
	2" SLEEVING - SCH 40	84	LF
IRRIGATION- VALVE/FITTINGS			
	1" VALVES - W/ DC LATCHING SOLENOID, Y FILTER, 1" BALL VALVE & 30 PSI PRESSURE REGULATOR	2	EA
	1" MAINLINE FLUSH CAP - IN VALVE BOX	1	EA
	3/4" FLUSH CAPS - IN 4" VALVE BOX	4	EA
	1" FEBCO B252YA BACKFLOW PREVENTER - W/ GUARDSHACK	1	EA
	1" GATE VALVE - BRONZE - IN VALVE BOX	1	EA
	1" QUICK COUPLER - IN 10" VALVE BOX	1	EA
	MULTI PORT EMITTERS - TREE AND SHRUBS	42	EA
OCOTILLO			
	OCOTILLO - 12 CANE MINIMUM	5	EA
PROTECT IN PLACE TREES			
	PROTECT IN PLACE - EXISTING TREE	4	EA
RELOCATE			
	RELOCATE WATER METER	1	EA
SAGUARO			
	SAGUARO - 10' SPEAR	1	EA
SHRUB - 15 GAL			
	15 GAL CHUPAROSA	9	EA
SHRUB - 5 GAL			
	5 GAL CENTURY PLANT	6	EA
	5 GAL COWS HORN AGAVE	16	EA
	5 GAL RUSH MILKWEED	9	EA
	5 GAL DESERT MARIGOLD	61	EA
	5 GAL BRITTLE BUSH	10	EA
	5 GAL BANK CATCLAW	7	EA
TREE - 24" BOX			
	24" BOX DESERT IRONWOOD	2	EA
MISC.			
	TREE STAKES, FERTILIZER TABLERS, PLANTING PIT MATERIAL	1	LS
MAINTENANCE			
	EXCLUDED	0	EA
IRRIGATION			
	8" OF 3/4" PEA GRAVEL FOR VALVE BOXES	1	LS
WARRANTY			
		1	LS

EXCLUDE:

- BARRICADES
- BORING
- CONCRETE HEADER
- CURBING
- DAVIS BACON WAGES
- DEMO
- ELECTRICAL RUNS & PULL BOXES
- EROSION CONTROL
- FLOW SENSOR
- GRADES +/- .10
- IMPORT/EXPORT OF SOIL
- MASTER VALVE
- METAL EDGING
- PROTECT IN PLACE
- PURPLE PIPE
- REMOVALS
- RIP RAP
- SEEDING
- SOIL TESTING
- SOD/TURF
- TRAFFIC CONTROL
- TEMPORARY WATER SUPPLY
- WATER METER
- STREET SWEEPING



Date: 2/28/17
Plan Date: 2/22/17

Company: Achen Gardner
Attn: Kevin Nunez
Phone: 480-940-1300
Fax: 480-940-4576
Email: knunez@achen.com
RE: Tatum Blvd. & Lincoln (Ritz Carlton Improvements)
Address: Paradise Valley

See Bid Form

Includes: All labor, material, & equipment/ Standard 40 Hour Work Week
Trees, plants, & irrigation as per plan
One-year tree & irrigation guarantee
Sixty-day plant guarantee
2” Depth Decomposed Granite
Pre-Emergent/**Boulders**
Tree stakes
Removal of all debris created by Westar
Caliper per ANA Specs for Box Size for that Type & Size of Trees

Excludes: Permits/Crane/Hoisting/Root Barrier
Sales Tax/Special Wages
Bond/Repair Existing Landscape
Meters/Protect in Place/Salvage/Demo
Maintenance/Decomposed Granite for Future Lots
Rip Rap/Curbing /Lighting
Grading in excess of +/- 1/10th
Rough grading
Hand watering
Hard dig
Hardscape/Pots
Dirt work of any kind
Damage due to acts of God
Power to controller or activation
Power pedestals
Soil Prep for Sod
Import of any Topsoil/Dirt
Berm construction
Water
Street sweeping & track out (only responsible for our own)
Traffic control
Cutting, patching, coring or boring of concrete or asphalt

Note: All special orders must be paid in advance by the GC or owner prior to order being placed. This proposal is part of your contract.

Bid prices good through July 10th, 2017. Bid based on current availability.
Unpaid balances accrue at 18% interest.

Authorized: _____ Date: _____

If you have any questions, please call me at 480-241-3662.

Thank you,

Vinny Panessa

vinny@westarenvironmental.com



EXHIBIT B: SUBCONTRACTOR BID FORM (02/16/17)

ACHEN-GARDNER CONSTRUCTION, LLC
REQUEST FOR BIDS

TO: Achen-Gardner Construction, LLC

Date: 2/28/17

FROM: Westar Environmental
ADDRESS: PO Box 1749 Higley Az 85236
PHONE: 480-241-3662
CONTACT: Vinny Panessa

RE: **TOWN OF PARADISE VALLEY - CONSTRUCTION MANAGER AT RISK FOR:
ROADWAY IMPROVEMENTS RELATED TO THE RITZ CARLTON DEVELOPMENT
GMP 1
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ACHEN-GARDNER CONSTRUCTION, LLC | www.achen.com

550 South 79th Street | Chandler, AZ 85226 | P: 480.940.1300 | P: 800.580.5548 | F: 480.940.4576

ARIZONA | COLORADO | NEW MEXICO | UTAH

AZ: ROC261745 A-, ROC261746 B-01, ROC261747 B-04 CO: 20101257887 NM: #365027 UT: ROC7650801-5501

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- 10) Receipt of Addenda and Amendments (if any) shall be acknowledged by the Bidders on their signed Bid Form (ref: last page of this Bid Form). Addenda/Amendments shall be issued via email.
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- 12) Each bidder shall become familiar with the project site and perform a thorough plan review and take-off to familiarize themselves with the project scope. A separate section on the SOV (last page) is furnished for Bidders to enter items, associated quantities, and pricing identified during plan review that are not itemized on the SOV. These items will be evaluated separately from the base SOV. Only the base SOV will be utilized in tabulating comparative bid totals among Bidders.
- 13) Alternate systems, cost savings, and value engineering ideas are encouraged. If a Bidder would like to propose any of these, they should include this information in the space provided on the SOV (ref: last page of the SOV). These items will be evaluated separately from the Base Schedule of Values.
- 14) No changes to these Instructions to Bidders shall be made unless included in an official Amendment to the Instructions to Bidders issued by Achen-Gardner.
- 15) **ALL BIDDERS - All Bid pricing must include: all costs for mobilization/demobilization, fabrication, delivery, layout, supervision, trench safety barricading/markings, attendance at weekly/specialty/utility project meetings/site meets, contributions to final plan and constructability reviews (relative to Subcontractor's scope), labor, materials, equipment, uncrating, hoisting, setting, installation, parking, storage, insurance, permits, shop drawings, submittals, samples, overhead, profit and any other costs necessary to complete the work required in accordance with all associated Project documents.**
- 16) Any exclusions must be specifically stated.
- 17) Achen-Gardner's primary role on the Project will be as General Contractor/Construction Manager responsible for temporary project field office/yard, general conditions, permits, survey, quality control, testing, traffic control, grading, paving, concrete flatwork, sewer construction, concrete structures, general job site supervision, owner payment and performance bonds, and sales tax.
- 18) Achen-Gardner will be negotiating a Guaranteed Maximum Price (GMP) with the Town of Paradise Valley based on the subcontract proposals being solicited here. The GMP Contract will be a Unit Price/Measured Quantity/Not-to-exceed type of contract, as will the associated Subcontract Agreements. The GMP and associated Subcontract Agreements will be based on the specific scope set out in the Bid Documents provided to you.
- 19) The successful Bidders will be notified only after a thorough review and evaluation of all the Pricing submittals and Bid Forms have been made by Achen-Gardner, and in accordance with the tentative schedule (ref: Project Tentative Schedule). If needed, Achen-Gardner may conduct interviews with bidders to assist in evaluation of bid proposals and bidder understanding of the project scope (re: Project Tentative Schedule).

PROJECT TENTATIVE SCHEDULE:

Subcontractor LOI & Pre-Qualification Statement Due (Exhibit A) (Exhibit A required from only <u>Major</u> Subcontractors (Proposals of \$50,000 +)	02/24/17
Subcontractor Bid Form (Exhibit B) with SOV (Exhibit C)	02/28/17
GMP Submittal to the Town/Subcontractor Recommendations	03/06/17
Construction NTP (Tentative)	04/10/17
Project Substantial Completion	07/10/17

* All times are Mountain Standard Time (MST)

4) SUPPLIERS:

The following Suppliers are proposed for this Project. This list is complete and no additional Suppliers shall be allowed on the Project site without prior approval:

Company	Contact	Phone Number	Product
Granite Express	Paul Kerr	480-354-6809	Granite + Builders
Site One	Fabian Duarte	480-341-8019	Irrigation
Plant Mart	Deanna Wilson	480-987-0350	Plant Material

5) INSURANCE:

Bidder's insurance coverage meets or exceeds the Town of Paradise Valley contract requirements.

YES NO

6) PLANS AND DOCUMENTS:

Following are the Bid Documents and should be thoroughly reviewed by Bidder:

- EXHIBIT A: Subcontractor Letter of Interest & Pre-Qualification Statement
- EXHIBIT B: Subcontractor Bid Form
- EXHIBIT C: GMP Schedule of Values
- EXHIBIT D: 90% Plan Comments
- TY Lin International 90% Plan Set Ritz Carlton Street Improvements Tatum Blvd. & Lincoln Drive Paradise Valley, Arizona Project No. 2016-14 dated 12/16.

7) PAY ITEM SCOPE CLARIFICATIONS:

General Items:

- CM@R General Contractor (Achen-Gardner) is responsible for all traffic control, survey, and acceptance material testing.
- **Stipulation of any inclusions, exclusions, and/or clarifications associated with your proposal must be presented with your Pricing Submittal**
- It is the Bidder's responsibility to ensure that Bidder understands the tentative construction schedule and duration and has furnished proposal pricing accordingly.
- This is a CM@R project and will, therefore, require Subcontractor's participation (relative to Subcontractor's scope of work) in the remainder of the design review/comment process and associated meetings throughout construction in addition to regular construction meetings. Plan accordingly in your pricing structure.
- **Pricing: Achen-Gardner requests all proposals' pricing be good through July 10, 2017. If there is a potential of price escalations for specific items, you may: 1) include them in your overall unit price for the item, or 2) provide the estimated amount of the price escalation and the approximate date it will occur.**

- It is our intention to address any potential material/commodity escalations in our final pricing to the Town with all approved selected bidders and prior to entering into sub-contract agreements. Exclusions and/or clarifications regarding this requirement must be included on the Bid Schedule of Values or Attachments. If no estimated escalation is noted, the Schedule of Values prices included with Bidder's proposal will be accepted as good for the project duration through July 10, 2017.

Quality Control Testing:

- This project scope shall bid using MAG Testing Specifications and Town of Paradise Valley supplemental requirements.

Construction Survey & Staking Subcontractors:

- All Bidders will carry \$1,000,000.00 minimum Professional Liability Errors and Omissions Coverage.

8) ABILITY TO COMPLY WITH PROJECT SCHEDULE REQUIREMENTS

YES NO

9) ADDENDA ACKNOWLEDGMENTS:

Addendum _____ Dated _____ Addendum _____ Dated _____
Addendum _____ Dated _____ Addendum _____ Dated _____

10) BIDDER ACKNOWLEDGMENT:

Bidder acknowledges that the Town of Paradise Valley, its representatives and Achen-Gardner will rely upon this Bid in determining whether to proceed with the Project and/or contracts; and that once submitted, this Bid may not be altered, amended or withdrawn for a period of thirty (30) days without prior written consent of Achen-Gardner.

11) SUBCONTRACT:

Bidder herein agrees that if awarded the work on the basis of this Bid Proposal, he will enter into and execute a contract with Achen-Gardner. (Re. Bid Form Section 6)

COMPANY / BIDDER: Westar Environmental

SIGNATURE: Vinny Panessa

PRINTED NAME: Vinny Panessa

TITLE: Business Developer

DATE: 2/28/17

CONTRACTORS LICENSE NO: 151410

Analyze Quotes

Folder: MASONRY MASONRY

Vendor Code: SUNDI1 INTEGRATE MAVER1
 Vendor Name: Sun Dial Mas Integrated Ma Maverick & K
 Vendor Phone: 480-834-6003 623-434-0840 602-272-0348

Bid	Activit	Resour	Description	Quantity	Unit	Plug Pric	UP	UP	UP
5100	206107	4MAS	MASONRY WALL (COM	205.00	LF	176.000	188.000	156.000	385.000
5110	206107	4MAS	BRICK VENEER	168.00	SF	25.000	20.000	9.850	65.500
5120	206107	4MAS	MASONRY COLUMN (C	9.00	EA	5,200.000	1,285.000	1,000.000	1,600.000

EXCL1: footing plug 13,530.00 13,530.00
 EXCL2: paint & stuccot plug 10,080.00
 EXCL3: paint
Total Adjustments: 23,610.00 13,530.00

Totals: 87,080.00 **53,465.00** 66,244.80 117,859.00
Difference From Plug: -33,615.00 -20,835.20 30,779.00

Note:
 A "P" beside a price indicates a plug price.
 Bold indicates that the vendor is selected.

SUNDI1 - Sun Dial Masonry Inc.
 MASONRY



EXHIBIT B: SUBCONTRACTOR BID FORM (02/16/17)

ACHEN-GARDNER CONSTRUCTION, LLC
REQUEST FOR BIDS

TO: Achen-Gardner Construction, LLC

Date: 2/28/17

FROM: Sun Dial masonry
ADDRESS: 1999 W. Houston Ave. Apache Junction, 85120
PHONE: 480.834.6003
CONTACT: Stephanie Hicks

RE: TOWN OF PARADISE VALLEY - CONSTRUCTION MANAGER AT RISK FOR:
ROADWAY IMPROVEMENTS RELATED TO THE RITZ CARLTON DEVELOPMENT
GMP 1
TOPV PROJECT NO.: 2016-14
AGC PROJECT NO.: 3526100

SUBJECT: Bid Form Due Date: February 28, 2017
Time: 12:00 Noon

Place: Achen-Gardner Construction, LLC
550 S. 79th Street
Chandler, AZ 85226
OR
Email: knunez@achen.com (Kevin Nunez)

Pricing submittals will be received at the Chandler office of Achen-Gardner Construction, LLC (Achen-Gardner) located at 550 South 79th Street, Chandler, Arizona. Bidders must review all associated documents and become familiar with the existing site conditions prior to pricing submittal. By submitting this Bid Form, Bidder acknowledges that such review has been completed.

NOTE: Bidders are directed NOT to contact the Owner or Designer with questions regarding this bid.

ACHEN-GARDNER CONSTRUCTION, LLC | www.achen.com
550 South 79th Street | Chandler, AZ 85226 | P: 480.940.1300 | P: 800.580.5548 | F: 480.940.4576

ARIZONA | COLORADO | NEW MEXICO | UTAH
AZ: ROC261745 A-, ROC261746 B-01, ROC261747 B-04 CO: 20101257887 NM: #365027 UT: ROC7650801-5501

PROJECT SUMMARY:

GMP 1 consists of the improvements on Lincoln Drive at the intersection of Tatum Boulevard and Lincoln Drive in the Town of Paradise Valley and is Phase 1 of the larger offsite improvements project around the new site being developed by Five Star Development Resort Communities for the Ritz Carlton Resort on Scottsdale Road and Lincoln Boulevard.

The improvements support the expansion of west-bound Lincoln Boulevard to include a second right-turn lane and also include the associated utility relocations, improvements to the roadway frontage, modifications to the median, new sidewalk, curb and gutter, landscaping, and construction of a new wall

MAJOR SUBCONTRACTOR SELECTION PROCESS AND REQUIREMENTS:

As per the APDM legislation, major subcontractors are being selected based on a combination of qualifications and price.

Qualifications: All interested bidders are required to complete the included Subcontractor Letter of Interest & Pre-Qualification Statement. This portion of the selection process will be reviewed and scored Pass/Fail.

Pricing Submittal: All Bidders are required to submit this Bid Form as detailed herein, by **February 28, 2017 at 12:00 Noon.**

Final Selection: The qualified bidder for each scope with the proposal (including bidder's pricing qualifications/inclusions/exclusions, proposed alternatives, and perceived ability to meet the Project's schedule) that represents the best value to the Town will be recommended. Final awards are based on Town of Paradise Valley approval.

INSTRUCTIONS TO BIDDERS

GENERAL INSTRUCTIONS:

- 1) If after review of the documents, Bidder elects not to bid, please advise Achen-Gardner immediately so we may adjust accordingly.
- 2) **Questions will be taken until February 24, 2017 at 12:00 noon.** All questions must be submitted in writing via email to Kevin Nunez at knunez@achen.com. Responses to questions will be furnished to all Bidders.
- 3) Pricing submittals may be delivered in the following ways:
 - a. Via FAX to (480) 940-4576. All Pricing submittals transmitted by FAX (ATTN: Kevin Nunez) shall be in the hands of Achen-Gardner prior to bid closing time. Telephone submittals will not be accepted.
 - b. Via email to Kevin Nunez (knunez@achen.com) prior to bid closing time.
 - c. Via hard copy original to the Chandler office of Achen-Gardner Construction located at 550 South 79th Street, Chandler, AZ 85226 prior to bid closing time.
- 4) These instructions are provided to Bidders so that they may properly respond to the Request for Bid. Each Bidder is directed to carefully review these instructions and all documents prior to submitting their bid.
- 5) Bidders are directed **NOT** to contact the Owner or Designer with questions regarding this bid.
- 6) The Town of Paradise Valley, its representatives and Achen-Gardner reserve the right to waive any informality in any Bid.
- 7) The Town of Paradise Valley, its representatives and Achen-Gardner reserve the right to accept or reject any or all pricing submittals.
- 8) **All pricing submittals shall be submitted on the Bid Form prepared by Achen-Gardner and completed in its entirety. No exceptions will be made.**
- 9) All pricing submittals shall be signed by a duly authorized agent of the Company submitting the Bid.
- 10) Receipt of Addenda and Amendments (if any) shall be acknowledged by the Bidders on their signed Bid Form (ref: last page of this Bid Form). Addenda/Amendments shall be issued via email.
- 11) The Bid Quantities furnished on Exhibit C the Schedule of Values (SOV) by Achen-Gardner shall be used by each bidder in the tabulation of their pricing submittals. Each Bidder shall provide Bid Unit Prices in accordance with the required documents. Bidders **shall** provide as a separate attachment their own actual take-off quantities/pricing. Pricing total and evaluation of bids will be based on the bid quantities provided by Achen-Gardner (i.e. Exhibit C – Schedule of Values). Your “Bidder Take-off Quantities/Pricing” will be utilized only for evaluation of final scope and quantities and is required for this submittal.

- 12) Each bidder shall become familiar with the project site and perform a thorough plan review and take-off to familiarize themselves with the project scope. A separate section on the SOV (last page) is furnished for Bidders to enter items, associated quantities, and pricing identified during plan review that are not itemized on the SOV. These items will be evaluated separately from the base SOV. Only the base SOV will be utilized in tabulating comparative bid totals among Bidders.
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- 15) **ALL BIDDERS - All Bid pricing must include: all costs for mobilization/demobilization, fabrication, delivery, layout, supervision, trench safety barricading/marking, attendance at weekly/specialty/utility project meetings/site meets, contributions to final plan and constructability reviews (relative to Subcontractor's scope), labor, materials, equipment, uncrating, hoisting, setting, installation, parking, storage, insurance, permits, shop drawings, submittals, samples, overhead, profit and any other costs necessary to complete the work required in accordance with all associated Project documents.**
- 16) Any exclusions must be specifically stated.
- 17) Achen-Gardner's primary role on the Project will be as General Contractor/Construction Manager responsible for temporary project field office/yard, general conditions, permits, survey, quality control, testing, traffic control, grading, paving, concrete flatwork, sewer construction, concrete structures, general job site supervision, owner payment and performance bonds, and sales tax.
- 18) Achen-Gardner will be negotiating a Guaranteed Maximum Price (GMP) with the Town of Paradise Valley based on the subcontract proposals being solicited here. The GMP Contract will be a Unit Price/Measured Quantity/Not-to-exceed type of contract, as will the associated Subcontract Agreements. The GMP and associated Subcontract Agreements will be based on the specific scope set out in the Bid Documents provided to you.
- 19) The successful Bidders will be notified only after a thorough review and evaluation of all the Pricing submittals and Bid Forms have been made by Achen-Gardner, and in accordance with the tentative schedule (ref: Project Tentative Schedule). If needed, Achen-Gardner may conduct interviews with bidders to assist in evaluation of bid proposals and bidder understanding of the project scope (re: Project Tentative Schedule).

PROJECT TENTATIVE SCHEDULE:

Subcontractor LOI & Pre-Qualification Statement Due (Exhibit A) (Exhibit A required from only <u>Major</u> Subcontractors (Proposals of \$50,000 +)	02/24/17
Subcontractor Bid Form (Exhibit B) with SOV (Exhibit C)	02/28/17
GMP Submittal to the Town/Subcontractor Recommendations	03/06/17
Construction NTP (Tentative)	04/10/17
Project Substantial Completion	07/10/17

* All times are Mountain Standard Time (MST)

4) SUPPLIERS:

The following Suppliers are proposed for this Project. This list is complete and no additional Suppliers shall be allowed on the Project site without prior approval:

Company	Contact	Phone Number	Product
Superlite Block	Kathy Hullabay-Ranger	602.980.1746	Block, mortar
Calportland	mark Keiner	480.620.4673	Concrete, grout
Grand materials	Derrick Boscarino	480.678.8008	Rebar, veneer
Mesa Precast	Jesse Coleman	480.968.5400	caps

5) INSURANCE:

Bidder's insurance coverage meets or exceeds the Town of Paradise Valley contract requirements.

YES NO

6) PLANS AND DOCUMENTS:

Following are the Bid Documents and should be thoroughly reviewed by Bidder:

- EXHIBIT A: Subcontractor Letter of Interest & Pre-Qualification Statement
- EXHIBIT B: Subcontractor Bid Form
- EXHIBIT C: GMP Schedule of Values
- EXHIBIT D: 90% Plan Comments
- TY Lin International 90% Plan Set Ritz Carlton Street Improvements Tatum Blvd. & Lincoln Drive Paradise Valley, Arizona Project No. 2016-14 dated 12/16.

7) PAY ITEM SCOPE CLARIFICATIONS:

General Items:

- CM@R General Contractor (Achen-Gardner) is responsible for all traffic control, survey, and acceptance material testing.
- **Stipulation of any inclusions, exclusions, and/or clarifications associated with your proposal must be presented with your Pricing Submittal**
- It is the Bidder's responsibility to ensure that Bidder understands the tentative construction schedule and duration and has furnished proposal pricing accordingly.
- This is a CM@R project and will, therefore, require Subcontractor's participation (relative to Subcontractor's scope of work) in the remainder of the design review/comment process and associated meetings throughout construction in addition to regular construction meetings. Plan accordingly in your pricing structure.
- **Pricing:** Achen-Gardner requests all proposals' pricing be good through July 10, 2017. If there is a potential of price escalations for specific items, you may: 1) include them in your overall unit price for the item, or 2) provide the estimated amount of the price escalation and the approximate date it will occur.

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Quality Control Testing:

- This project scope shall bid using MAG Testing Specifications and Town of Paradise Valley supplemental requirements.

Construction Survey & Staking Subcontractors:

- All Bidders will carry \$1,000,000.00 minimum Professional Liability Errors and Omissions Coverage.

8) ABILITY TO COMPLY WITH PROJECT SCHEDULE REQUIREMENTS

YES X NO _____

9) ADDENDA ACKNOWLEDGMENTS:

Addendum _____ Dated _____ Addendum _____ Dated _____
Addendum _____ Dated _____ Addendum _____ Dated _____

10) BIDDER ACKNOWLEDGMENT:

Bidder acknowledges that the Town of Paradise Valley, its representatives and Achen-Gardner will rely upon this Bid in determining whether to proceed with the Project and/or contracts; and that once submitted, this Bid may not be altered, amended or withdrawn for a period of thirty (30) days without prior written consent of Achen-Gardner.

11) SUBCONTRACT:

Bidder herein agrees that if awarded the work on the basis of this Bid Proposal, he will enter into and execute a contract with Achen-Gardner. (Re. Bid Form Section 6)

COMPANY / BIDDER: Sun Dial masonry

SIGNATURE: Stephanie Hicks

PRINTED NAME: Stephanie Hicks

TITLE: Project Coordinator / Estimating Asst.

DATE: 2/28/17

CONTRACTORS LICENSE NO: 110551



**100% Native American and Air Force Veteran Owned and Operated
MBE Certified~ SBC ADOT UTRACS #11115**

Sun Dial Masonry 1999 W. Houston Ave., Apache Junction, AZ 85120
(480) 834-6003 Office (480) 898-1864 Fax
ROC # 110551, 200686

Bid Proposal

Date: February 28, 2017

Company: Achen Gardner

Attention: Kevin Nunez

Phone: 480.940.1300

Fax:

E-mail: knunez@achen.com

Addendum(s):

Project: Tatum & Lincoln

We are pleased to submit our proposal for the above referenced project.

Please see bid form for all included in bid price

\$53,465.00

Material and Labor

Project: Tatum & Lincoln

Masonry as per sub-contractors interpretation of plans and specs. This bid is based on the

Arizona Masonry Build Quality Designation. General Contractor / Owner to furnish

electricity, ingress and egress to working areas without charge. This

Bid is subject to the acceptability of the sub-contract terms and conditions.

	<u>Include:</u>	<u>Exclude:</u>	<u>Install:</u>
Mortar	X		X
Block	X		X
Wire	X		X
Control Joint	X		X
Mortar Additive		X	
Insulation		X	
Rebar (no tying)	X		X
Block Stems		X	
Grout	X		X
Concrete	X		X
Footings	X		X
Pre-Cast	X		X
Window & Door Placement		X	
Setting Hollow Metal Door Frames		X	
Hard Dig		X	
Shoring		X	
Dry Packing		X	
Lintels		X	
Stucco	X		X
Paint		X	
Caulking		X	
Saddles/Seats		X	
Reglit (no sawing)/Flashing		X	
P.A. Straps		X	
Anchor Bolts/Plates		X	
Structural Steel		X	
Welding		X	
Templates		X	
Waterproofing		X	
Demolition		X	
Traffic Control/Barricades		X	
Backfill & Re-landscaping		X	
Clean-Up To GC Provided Dumpster	X		
Acts of God		X	
Grading		X	
Sales Tax		X	
Bond		X	
Permits		X	
Testing		X	
Wall & Imbed Layout		X	
Davis Bacon Wages		X	
Wrought Iron and/or Gates		X	
Hard Dig		X	
Inbeds		X	
Stone Veneer		X	
Demo		X	
Corrugated Steel Panels		X	
Concrete Slabs		X	
Gate Posts/Hardware/Steel Hinges/Posts		X	
Metal Fencing & Install		X	

General Contractor / Owner:

Date:

Sub-Contractor: Sun Dial Masonry

Date:

Disclaimers

- Price good through 7/10/17.
- Net 30 days unless otherwise indicated or negotiated
- Prices good only if this proposal is made a part of the contract documents
- Please allow 4-6 weeks for special order block
- Grades must be provided at +/- .10

Please sign below to show you are in agreement with these terms.

Sincerely,

Stephanie Hicks
Sun Dial Masonry

x _____ Date: _____
Achen Gardner Construction

survey, quality control, testing, traffic control, grading, paving, concrete flatwork, sewer construction, concrete structures, general job site supervision, owner payment and performance bonds, and sales tax.

- 18) Achen-Gardner will be negotiating a Guaranteed Maximum Price (GMP) with the Town of Paradise Valley based on the subcontract proposals being solicited here. The GMP Contract will be a Unit Price/Measured Quantity/Not-to-exceed type of contract, as will the associated Subcontract Agreements. The GMP and associated Subcontract Agreements will be based on the specific scope set out in the Bid Documents provided to you.
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Subcontractor LOI & Pre-Qualification Statement Due (Exhibit A) 02/24/17
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 02/28/17

GMP Submittal to the Town/Subcontractor Recommendations 03/06/17
 Construction NTP (Tentative)

04/10/17
 Project Substantial Completion 07/10/17

* All times are Mountain Standard Time (MST)

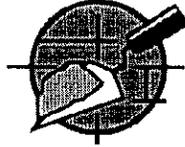
EXHIBIT C:

Item	Description	Quan	Units	Unit Price	Extension
5100	MASONRY WALL (COMPLETE FINISH PER PLANS)	205.00	LF	188	38540-
5110	BRICK VENEER	168.00	SF	20	3360-
5120	MASONRY COLUMN (COMPLETE FINISH PER PLANS)	9.00	EA	1285	11565-

Please quote all items and return to knunez@achen.com
 or fax to 480-940-4576 by February 28, 2017 12:00 Noon

If you have any questions regarding this project please contact
 Kevin Nunez at
knunez@achen.com
 480-940-1300
 602-918-3243

If the contact information in this solicitation letter is incorrect or needs to be changed, please let us know so that we may maintain correct contact information for your business. Thank you.



INTEGRATED
MASONRY PROPOSAL - 02.28.2017

PROPOSAL GOOD FOR 30 DAYS

TO: Achen
ATTN: Kevin Nunez
FAX: Email

JOB NAME: Tatum & Lincoln - Paradise Valley, AZ
ARCHITECT: TY Lin International 100% drawings

Proposal includes labor and material for the following:

- **Building Masonry**
 1. NONE SHOWN

- **Site Masonry**
 1. 205 LF site wall, 8' tall CMU per details, std gray CMU
 2. (9) CMU columns, 8' tall per details, std gray CMU
 3. (9) precast column caps
 4. 168 SF direct applied brick veneer - Lakewood Belcaro
 5. Reinforcing, mortar and grout
 6. Hoisting and scaffold for this scope only
 7. Clean up to GC dumpster

EXCLUSIONS/CLARIFICATIONS

sales tax, davis/bacon wages, permit fees, testing, precast concrete, cast in place concrete, stone veneers, drypack, angles, demo, epoxy mortar, caulking, glass block, signage, insulation, pavers, waterproofing/dampproofing, flashings, block sealer, concrete footings, steel lintels, wrought iron, pressure/acid wash u.n.o., paint/stain, efflorescence control, I'll buy lunch if you are actually reading this, dry block, swppp, dust control, GC responsible for water & power, embed materials, fireproofing/firestopping, layout of rebar dowels that tie into floor reinforcing, layout of mechanical openings, hoisting to 36' only GC crane required for anything higher

MOBILIZATIONS

Building = (0)
Site = (1)

Building Masonry \$ NONE SHOWN

Site Masonry \$ 42,629 (\$31,979 CMU, \$10,650 brick/precast)

AA 02.26.2017

WYATT STRAIT
602.377.1474

WSTRAIT@INTEGRATEDMASONRY.COM

623.434.0840 (P) 623.434.0841 (F)

CM BUILDERS, INC DBA INTEGRATED MASONRY - AZROC #227337

INTEGRATEDMASONRY.COM

3217 E SHEA BLVD #613

PHOENIX, AZ 85028

survey, quality control, testing, traffic control, grading, paving, concrete flatwork, sewer construction, concrete structures, general job site supervision, owner payment and performance bonds, and sales tax.

- 18) Achen-Gardner will be negotiating a Guaranteed Maximum Price (GMP) with the Town of Paradise Valley based on the subcontract proposals being solicited here. The GMP Contract will be a Unit Price/Measured Quantity/Not-to-exceed type of contract, as will the associated Subcontract Agreements. The GMP and associated Subcontract Agreements will be based on the specific scope set out in the Bid Documents provided to you.
- 19) The successful Bidders will be notified only after a thorough review and evaluation of all the Pricing submittals and Bid Forms have been made by Achen-Gardner, and in accordance with the tentative schedule (ref: Project Tentative Schedule). If needed, Achen-Gardner may conduct interviews with bidders to assist in evaluation of bid proposals and bidder understanding of the project scope (re: Project Tentative Schedule).

PROJECT TENTATIVE SCHEDULE:

Subcontractor LOI & Pre-Qualification Statement Due (Exhibit A) 02/24/17
 (Exhibit A required from only Major Subcontractors (Proposals of \$50,000 +)

Subcontractor Bid Form (Exhibit B) with SOV (Exhibit C)
 02/28/17

GMP Submittal to the Town/Subcontractor Recommendations 03/06/17
 Construction NTP (Tentative)

04/10/17

Project Substantial Completion 07/10/17

* All times are Mountain Standard Time (MST)

EXHIBIT C:

Item	Description	Quan	Units	Unit Price	Extension
5100	MASONRY WALL (COMPLETE FINISH PER PLANS)	205.00	LF	\$129.13	\$26,604
5110	BRICK VENEER	168.00	SF	\$50	\$8400
5120	MASONRY COLUMN (COMPLETE FINISH PER PLANS)	9.00	EA	\$625	\$5625

Please quote all items and return to knunez@achen.com
 or fax to 480-940-4576 by February 28, 2017 12:00 Noon

If you have any questions regarding this project please contact
 Kevin Nunez at
knunez@achen.com
 480-940-1300
 602-918-3243

If the contact information in this solicitation letter is incorrect or needs to be changed, please let us know so that we may maintain correct contact information for your business. Thank you.



**Maverick & Kenyon
Masonry, Inc.**

4080 W. Fairmount Ave.
Phoenix AZ 85019
p 480.300.5990
f 602.272.0349
ROC286946 K-31
AZ LIC #286946 CR31

MASONRY BID FORM

AMCA STANDARD FORM

Project: Road Improvements for Ritz Carlton Phase 1 Bid Date: 28-Feb-2017 Time: 12:00

Spec Section: Plan Notes

Addendum Noted: 1

Plans Dated: Feb 2017

We offer the following prices, firm for thirty (30) days, for performance of all MASONRY work covered by the plans and specifications. *This bid is subject to the acceptability of the subcontractor terms and conditions: and, we request that this bid form become an integral part and attachment to contract documents.*

ITEMS INCLUDED

(Where shown on drawings)

1. Brick, concrete masonry units, ~~structural tile, glass block, spectra glaze, dimensional and random stone. Simulated stone.~~
2. Architectural precast concrete caps ~~and cast stone.~~
3. ~~Clay flue lining, fire brick and other necessary components for a complete masonry fireplace.~~
4. Mortar.
5. ~~Bracing of masonry walls 30 days after completion.~~ Floor or deadmen provided by other. No engineering.
6. Grout fill masonry ~~and H. M. frames~~ in CMU wall, while wall is being built.
7. Horizontal wire reinforcement as required.
8. Anchors & ties smaller than #2 bar not welded.
9. Masonry to masonry control joints while wall is being built.
10. ~~Loose fill or foam insulation in masonry.~~
11. ~~Rigid board insulation when installed in double wythe masonry walls.~~
12. ~~Weep holes in masonry.~~
13. ~~Cleaning of Masonry~~ as specified (excluding efflorescence, rain, or mud splatter after initial cleaning).
14. Scaffolding for this trade only.
15. Unloading and storage of masonry materials only.
16. ~~Shop drawings for dimensional stone.~~
17. Masonry debris to be placed in jobsite containers or central jobsite area designated and provided by general contractor.
18. MASONRY rebar.
- 19.

ITEMS EXCLUDED

1. Furnishing ~~rebar~~, bolts, lintels, angels, beam seats, weld plates, misc. metals, flashing, embeds and tying, cutting, bending, cleaning, welding, drilling, or doweling of the same.
2. Dovetail reglet supply and layout.
3. Dry packing, fire safing & compressible filler.
4. Demolition.
5. Establishing lines & grades & layout for other trades.
6. Furnishing potable water, sanitary facilities and dust control.
7. Cold & hot weather protection.
8. Cast-in place concrete, precast curbs or splash blocks.
9. Installing reglet requiring saw cutting.
10. Setting and bracing hollow metal frames or arch templates.
11. Forming and shoring of masonry lintels.
12. Caulking, staining, sealer or waterproofing.
13. Testing and inspection costs.
14. Masonry shop drawings.
15. Sales taxes, permits, fees or user taxes.
16. Broom sweeping and final cleanup. Hand washing of masonry.
17. Removal, loading, or hauling of masonry debris.
18. Protecting finish floor surfaces.
19. Reading and interpreting soils reports, mechanical, electrical and plumbing drawings.
20. Pollution and mold insurance.
21. Prevailing wage rates.
22. IWR in block & mortar.

NOTE: The following items not exceeding 200lbs. will be installed by masons as masonry is being built; rebar, bolts, steel lintels, beam seats, weld plates, flashing, reglet, and wall penetrations required by other trades. Supply of sleeves, boxes and physical layout by others. Maximum length for bond beam rebar to be 20' only.

STANDARD CONDITIONS:

General Contractor will make available, without back charge, the following during normal construction period of any project.

1. Night watchman or other security measures if otherwise required solely by general contractor.
2. Adequate access (no open trenches). Clean out consolidation and removal.
3. Water within 100' of building site, electricity (220V.), sanitary facilities and environmental control.
4. Out of level footing to be corrected in masonry will be charged at \$8.00 per liner foot.
5. Arizona Masonry Guild (AMG-107) – Standard Level of Quality.

	BASE BID	ADD FOR BOND
MASONRY WALL 205'(COMPLETE FINISH – ALT):	\$ 79,000.00	\$ 1,975.00
BRICK VENEER 168 SF:	\$ 11,000.00	\$ 275.00
MASONRY COLUMN 9 EACH (COMPLETE FINISH – ALT):	<u>\$ 14,400.00</u>	<u>\$ 360.00</u>
Total:	\$ 104,400.00	\$ 2,610.00



**Town of Paradise Valley – Roadway Improvements Related to the Ritz Carlton Development
GMP1 for Tatum Boulevard and Lincoln Drive**

EXHIBIT A: MAJOR SUBCONTRACTOR LETTER OF INTEREST & PRE-QUALIFICATION STATEMENT
Please complete as it appears on your State Contractor's License

Maverick and Kenyon Masonry Inc.
Legal Name of Firm

DBA _____

Address _____

Arizona _____

State <u>AZ</u>	License No. <u>ROC 286946</u>	Class(es) <u>CR 31</u>	Expiration <u>11/30/2017</u>
State _____	License No. _____	Class(es) _____	Expiration _____
State _____	License No. _____	Class(es) _____	Expiration _____

<u>4001 W. Indian School Rd</u>	<u>Phoenix</u>	<u>AZ</u>	<u>85019</u>
Mailing Address	City	State	Zip
<u>4080 W. Fairmount Dr.</u>	<u>Phoenix</u>	<u>AZ</u>	<u>85019</u>
Shipping Address	City	State	Zip
<u>(480) 300-5990</u>	<u>(602) 272-3048</u>	_____	_____
Phone	Fax	Web Address	_____

Provide Names and Titles of your Firm's Principle Contacts

<u>Bill Cooley</u>	<u>Gen Manager</u>
Principle Contact	Title
<u>(480) 300-5990</u>	<u>(602) 272-3048</u>
Phone	Fax
<u>Dave Babcock</u>	<u>Estimator</u>
Secondary Contact	Title
<u>(480) 300-5990</u>	<u>(602) 272-3048</u>
Phone	Fax
_____	<u>dbabcock@mk-masonry.com</u>
_____	Email

Prevailing Wage

Are you willing to bid on prevailing wage projects? Yes No

Your Company Minority Status

Please check all that apply and provide proof of certifications: NA

- | | |
|---|---|
| <input type="checkbox"/> DBE Disadvantage Business Enterprise | <input type="checkbox"/> DVBE Disable Veteran Business Enterprise |
| <input type="checkbox"/> WBE Women Business Enterprise | <input type="checkbox"/> SBE Small Business Enterprise |

Minority Ownership

- Native American (Includes American Indian, Eskimo, Aleut & Native Hawaiian)

Call Donald Shelley for ^{info} copy of parents balance sheet
 (602) 233-1191

Annual Sales

Year	Annual Sales	Largest Single Contract Value	General Contractor
2015	\$	\$	
2014	\$	\$	
2013	\$	\$	

Safety

Experience Modification Rate: Current 105% 2015 110% 2014 113% 2013 113%
See attached

Current Bonding Information

46-3043101
 Federal Tax ID Merchants Bonding Company Dunn & Bradstreet Number If Applicable US Insurance Services
 Surety Company Jessika Gulliver Broker (602) 374-1309 Bank of America
 Broker / Contact Person 2375 E Camelback Rd #250 Phone Phoenix Name of Bank AZ State 85016 Zip
 Address - Broker City Phone
 Surety Company / Contact Person \$ 5 million Aggregate Bonding Limit (\$) \$ 2 million Per Project Bonding Limit (\$) \$ Unused Portion of Bonding Limit (\$)

Note: Attach notarized letter from surety stating previous limits *Letter attached*

Previous Experience (Note: Following experienced information to be included as an attachment.)

- (1) List 3 comparable projects in the last 5 years your firm has performed. Please include the following information:
- Name of project
 - Name of project owner
 - Construction dates (start and finish)
 - Construction contract value (original and final)
 - Project owner reference current contact information (phone and e-mail)
 - Your Firm's Project Manager
 - Your Firm's Project Superintendent
- See Maverick + Kenyon References*

(2) Number of additional pages included with this 2-page Prequalification Statement _____

Your pre-qualification status cannot be determined until the pre-qualification statement is accurately completed and a letter from your surety is received.

x UAH
 Compiled by Contractor
 Title 2/28/17
 Date

Submit To:
 Achen-Gardner Construction
 Attn: Christie Hall
 Email: chall@achen.com
 550 South 79th Street, Chandler, AZ 85226
 Or by Fax:
 480.940.4576

Questions can be directed to Christie Hall at 480.940.1300



June 6, 2016

Re: Kenyon Plastering, Inc.
WCIRB & NCCI Workers Compensation Experience Modification

To Whom It May Concern:

This will confirm Kenyon Plastering, Inc.'s California Workers Compensation Insurance Rating Bureau (WCIRB) and all other states National Council on Compensation Insurance (NCCI) experience modifications for the last five (5) years:

<u>Effective Date</u>	<u>WCIRB (California)</u>	<u>NCCI (All Other States)</u>
03/31/2016-03/31/2017	64% (Projected)	105%
03/31/2015-03/31/2016	64%	110%
03/31/2014-03/31/2015	66%	113%
03/31/2013-03/31/2014	105%	113%
03/31/2012-03/31/2013	121%	78%

Should you have any questions, please do not hesitate to give our office a call.

Regards,

Karle Kern
Senior Vice President
Lockton Insurance Brokers, LLC
725 S. Figueroa Street
Los Angeles, CA 90017
#0E01943



UNDERSTAND. SERVICE. INNOVATE.

USI Insurance Services
2375 E. Camelback Road
Suite 250
Phoenix, AZ 85016
www.usi.biz
Phone: 602.279.5800
Toll-free: 800.688.7472
Fax: 602.279.5899

April 11, 2016

RE: Kenyon Construction, Inc.

To whom it may concern:

We have been asked to provide the following information on behalf Kenyon Construction, Inc. our most valued client.

Bonding Company – Merchants Bonding Company (mutual)

Best Rating – A

Bond Agent – USI Insurance Services, LLC

Jorge Mendez

Bond Department Manager

602 374 1307

Current Single Job Size – low eight figure range

Current Backlog (workload) Capacity – medium eight figure range

Bonding History - All bond requests have been approved.

Our experience has been exemplary and we highly recommend Kenyon Construction, Inc. and its management team.

This letter is to be used for informational purposes and is not a commitment. Actual bond requests are reviewed for approval when the request is submitted and approval is subject to a variety of factors including, but not limited to, written proof of financing for the project under consideration.

Please feel free to contact me directly at 602 374 1309 if you have any questions or comments and note that this letter is not a commitment or obligation.

Sincerely,

USI INSURANCE SERVICES, LLC

Jessika Gulliver, Attorney In Fact

MAVERICK AND KENYON MASONRY INC. REFERENCES

Northern Arizona University Aquatics Center- \$1,350,00.00 plus, Finish date Summer of 2016

Haydon Builders, 4640 E. Cottongin Loop, Phoenix, AZ 85040

Travis Jury- Project Manager 602-695-5368 tjury@haydonbc.com

Chandler Fire Station- \$300,000.00, Completed 2015

Danson Construction LLC, 2320 W. Peoria, Phoenix, AZ 85029

Val Raven- Superintendent – 602-820-6532 vraven@dansonbldg.com

Alliance Bank- Chandler- \$240,000, Completed 2015

Sun State Builders, 1050 W. Washington #214, Tempe, AZ 85281

Ernie Biebrich-Project Manager- (480) 516-0879 ebiebrich@sunstatebuilders.com

Clarifications: Scope of work includes 205 LF of 8” smooth gray CMU screen wall with a white color stucco finish; 168 SF of thin brick veneer and 9 masonry columns with the same stucco finish alternate as noted above and the white precast concrete column caps. The alternate stucco finish provides for the white color required without the need for a separate painting contractor for work we do not perform. The reduced maintenance costs associated with a colored stucco application should out-weigh any initial additional cost concern. We have not included the concrete foundations or backfill of same for the masonry work. Two mobilizations are included. Scaffold, forklift and grout pump operations access is required. Material prices can increase with only 30 days notice. Please allow for an additional 6% of our contract value for these unforeseen costs to hold the bid to July 2017. The overall project schedule was noted but no specific trade durations were observed. We do have material lead and cure times we need to observe to acquire and provide a quality finish.

ESTIMATOR & CONTACT: Dave Babcock



EXHIBIT B: SUBCONTRACTOR BID FORM (02/16/17)

ACHEN-GARDNER CONSTRUCTION, LLC
REQUEST FOR BIDS

TO: Achen-Gardner Construction, LLC

Date: 2/28/17

FROM: M&K MASONRY, INC
ADDRESS: 4080 W. FAIRMOUNT AVE. PHX, AZ 85019
PHONE: (480) 300-5990
CONTACT: DAVE BARCOCK

RE: **TOWN OF PARADISE VALLEY - CONSTRUCTION MANAGER AT RISK FOR:
ROADWAY IMPROVEMENTS RELATED TO THE RITZ CARLTON DEVELOPMENT
GMP 1
TOPV PROJECT NO.: 2016-14
AGC PROJECT NO.: 3526100**

**SUBJECT: Bid Form Due Date: February 28, 2017
Time: 12:00 Noon
Place: Achen-Gardner Construction, LLC
550 S. 79th Street
Chandler, AZ 85226
OR
Email: knunez@achen.com (Kevin Nunez)**

Pricing submittals will be received at the Chandler office of Achen-Gardner Construction, LLC (Achen-Gardner) located at 550 South 79th Street, Chandler, Arizona. Bidders must review all associated documents and become familiar with the existing site conditions prior to pricing submittal. By submitting this Bid Form, Bidder acknowledges that such review has been completed.

NOTE: Bidders are directed NOT to contact the Owner or Designer with questions regarding this bid.

ACHEN-GARDNER CONSTRUCTION, LLC | www.achen.com
550 South 79th Street | Chandler, AZ 85226 | P: 480.940.1300 | P: 800.580.5548 | F: 480.940.4576

ARIZONA | COLORADO | NEW MEXICO | UTAH
AZ: ROC261745 A-. ROC261746 B-01. ROC261747 B-04 CD: 20101257887 NM: #365027 UT: ROC7650801-5501

PROJECT SUMMARY:

GMP 1 consists of the improvements on Lincoln Drive at the intersection of Tatum Boulevard and Lincoln Drive in the Town of Paradise Valley and is Phase 1 of the larger offsite improvements project around the new site being developed by Five Star Development Resort Communities for the Ritz Carlton Resort on Scottsdale Road and Lincoln Boulevard.

The improvements support the expansion of west-bound Lincoln Boulevard to include a second right-turn lane and also include the associated utility relocations, improvements to the roadway frontage, modifications to the median, new sidewalk, curb and gutter, landscaping, and construction of a new wall

MAJOR SUBCONTRACTOR SELECTION PROCESS AND REQUIREMENTS:

As per the APDM legislation, major subcontractors are being selected based on a combination of qualifications and price.

Qualifications: All interested bidders are required to complete the included Subcontractor Letter of Interest & Pre-Qualification Statement. This portion of the selection process will be reviewed and scored Pass/Fail.

Pricing Submittal: All Bidders are required to submit this Bid Form as detailed herein, by **February 28, 2017 at 12:00 Noon.**

Final Selection: The qualified bidder for each scope with the proposal (including bidder's pricing qualifications/inclusions/exclusions, proposed alternatives, and perceived ability to meet the Project's schedule) that represents the best value to the Town will be recommended. Final awards are based on Town of Paradise Valley approval.

INSTRUCTIONS TO BIDDERS

GENERAL INSTRUCTIONS:

- 1) If after review of the documents, Bidder elects not to bid, please advise Achen-Gardner immediately so we may adjust accordingly.
- 2) **Questions will be taken until February 24, 2017 at 12:00 noon.** All questions must be submitted in writing via email to Kevin Nunez at knunez@achen.com. Responses to questions will be furnished to all Bidders.
- 3) Pricing submittals may be delivered in the following ways:
 - a. Via FAX to (480) 940-4576. All Pricing submittals transmitted by FAX (ATTN: Kevin Nunez) shall be in the hands of Achen-Gardner prior to bid closing time. Telephone submittals will not be accepted.
 - b. Via email to Kevin Nunez (knunez@achen.com) prior to bid closing time.
 - c. Via hard copy original to the Chandler office of Achen-Gardner Construction located at 550 South 79th Street, Chandler, AZ 85226 prior to bid closing time.
- 4) These instructions are provided to Bidders so that they may properly respond to the Request for Bid. Each Bidder is directed to carefully review these instructions and all documents prior to submitting their bid.
- 5) Bidders are directed **NOT** to contact the Owner or Designer with questions regarding this bid.
- 6) The Town of Paradise Valley, its representatives and Achen-Gardner reserve the right to waive any informality in any Bid.
- 7) The Town of Paradise Valley, its representatives and Achen-Gardner reserve the right to accept or reject any or all pricing submittals.
- 8) **All pricing submittals shall be submitted on the Bid Form prepared by Achen-Gardner and completed in its entirety. No exceptions will be made.**
- 9) All pricing submittals shall be signed by a duly authorized agent of the Company submitting the Bid.
- 10) Receipt of Addenda and Amendments (if any) shall be acknowledged by the Bidders on their signed Bid Form (ref: last page of this Bid Form). Addenda/Amendments shall be issued via email.
- 11) The Bid Quantities furnished on Exhibit C the Schedule of Values (SOV) by Achen-Gardner shall be used by each bidder in the tabulation of their pricing submittals. Each Bidder shall provide Bid Unit Prices in accordance with the required documents. Bidders **shall** provide as a separate attachment their own actual take-off quantities/pricing. Pricing total and evaluation of bids will be based on the bid quantities provided by Achen-Gardner (i.e. Exhibit C – Schedule of Values). Your “Bidder Take-off Quantities/Pricing” will be utilized only for evaluation of final scope and quantities and is required for this submittal.

- 12) Each bidder shall become familiar with the project site and perform a thorough plan review and take-off to familiarize themselves with the project scope. A separate section on the SOV (last page) is furnished for Bidders to enter items, associated quantities, and pricing identified during plan review that are not itemized on the SOV. These items will be evaluated separately from the base SOV. Only the base SOV will be utilized in tabulating comparative bid totals among Bidders.
- 13) Alternate systems, cost savings, and value engineering ideas are encouraged. If a Bidder would like to propose any of these, they should include this information in the space provided on the SOV (ref: last page of the SOV). These items will be evaluated separately from the Base Schedule of Values.
- 14) No changes to these Instructions to Bidders shall be made unless included in an official Amendment to the Instructions to Bidders issued by Achen-Gardner.
- 15) **ALL BIDDERS - All Bid pricing must include: all costs for mobilization/demobilization, fabrication, delivery, layout, supervision, trench safety barricading/marking, attendance at weekly/specialty/utility project meetings/site meets, contributions to final plan and constructability reviews (relative to Subcontractor's scope), labor, materials, equipment, uncrating, hoisting, setting, installation, parking, storage, insurance, permits, shop drawings, submittals, samples, overhead, profit and any other costs necessary to complete the work required in accordance with all associated Project documents.**
- 16) Any exclusions must be specifically stated.
- 17) Achen-Gardner's primary role on the Project will be as General Contractor/Construction Manager responsible for temporary project field office/yard, general conditions, permits, survey, quality control, testing, traffic control, grading, paving, concrete flatwork, sewer construction, concrete structures, general job site supervision, owner payment and performance bonds, and sales tax.
- 18) Achen-Gardner will be negotiating a Guaranteed Maximum Price (GMP) with the Town of Paradise Valley based on the subcontract proposals being solicited here. The GMP Contract will be a Unit Price/Measured Quantity/Not-to-exceed type of contract, as will the associated Subcontract Agreements. The GMP and associated Subcontract Agreements will be based on the specific scope set out in the Bid Documents provided to you.
- 19) The successful Bidders will be notified only after a thorough review and evaluation of all the Pricing submittals and Bid Forms have been made by Achen-Gardner, and in accordance with the tentative schedule (ref: Project Tentative Schedule). If needed, Achen-Gardner may conduct interviews with bidders to assist in evaluation of bid proposals and bidder understanding of the project scope (re: Project Tentative Schedule).

PROJECT TENTATIVE SCHEDULE:

Subcontractor LOI & Pre-Qualification Statement Due (Exhibit A) (Exhibit A required from only <u>Major</u> Subcontractors (Proposals of \$50,000 +)	02/24/17
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Construction NTP (Tentative)	04/10/17
Project Substantial Completion	07/10/17

* All times are Mountain Standard Time (MST)

4) SUPPLIERS:

The following Suppliers are proposed for this Project. This list is complete and no additional Suppliers shall be allowed on the Project site without prior approval:

Company	Contact	Phone Number	Product
SUPRELLITE			CMU & MORTAR
PHOENIX BRICK			TAW Brick
CEMEX			CONCRETE
MESA PRECAST NINA CONSTRUCTION SUPPLY			PRECAST CAPS REBAR

5) INSURANCE:

Bidder's insurance coverage meets or exceeds the Town of Paradise Valley contract requirements.

YES NO

6) PLANS AND DOCUMENTS:

Following are the Bid Documents and should be thoroughly reviewed by Bidder:

- EXHIBIT A: Subcontractor Letter of Interest & Pre-Qualification Statement
- EXHIBIT B: Subcontractor Bid Form
- EXHIBIT C: GMP Schedule of Values
- EXHIBIT D: 90% Plan Comments
- TY Lin International 90% Plan Set Ritz Carlton Street Improvements Tatum Blvd. & Lincoln Drive Paradise Valley, Arizona Project No. 2016-14 dated 12/16.

7) PAY ITEM SCOPE CLARIFICATIONS:

General Items:

- CM@R General Contractor (Achen-Gardner) is responsible for all traffic control, survey, and acceptance material testing.
- **Stipulation of any inclusions, exclusions, and/or clarifications associated with your proposal must be presented with your Pricing Submittal**
- It is the Bidder's responsibility to ensure that Bidder understands the tentative construction schedule and duration and has furnished proposal pricing accordingly.
- This is a CM@R project and will, therefore, require Subcontractor's participation (relative to Subcontractor's scope of work) in the remainder of the design review/comment process and associated meetings throughout construction in addition to regular construction meetings. Plan accordingly in your pricing structure.
- **Pricing:** Achen-Gardner requests all proposals' pricing be good through July 10, 2017. If there is a potential of price escalations for specific items, you may: 1) include them in your overall unit price for the item, or 2) provide the estimated amount of the price escalation and the approximate date it will occur.

- It is our intention to address any potential material/commodity escalations in our final pricing to the Town with all approved selected bidders and prior to entering into sub-contract agreements. Exclusions and/or clarifications regarding this requirement must be included on the Bid Schedule of Values or Attachments. If no estimated escalation is noted, the Schedule of Values prices included with Bidder's proposal will be accepted as good for the project duration through July 10, 2017.

Quality Control Testing:

- This project shall bid using MAG Testing Specifications and Town of Paradise Valley supplemental requirements.

Construction Survey & Staking Subcontractors:

- All Bidders will carry \$1,000,000.00 minimum Professional Liability Errors and Omissions Coverage.

8) ABILITY TO COMPLY WITH PROJECT SCHEDULE REQUIREMENTS

YES NO - ONLY OVERALL PROJECT DURATION NOTED

9) ADDENDA ACKNOWLEDGMENTS:

Addendum 1 Dated 2-22-17 Addendum _____ Dated _____
Addendum _____ Dated _____ Addendum _____ Dated _____

10) BIDDER ACKNOWLEDGMENT:

Bidder acknowledges that the Town of Paradise Valley, its representatives and Achen-Gardner will rely upon this Bid in determining whether to proceed with the Project and/or contracts; and that once submitted, this Bid may not be altered, amended or withdrawn for a period of thirty (30) days without prior written consent of Achen-Gardner.

11) SUBCONTRACT:

Bidder herein agrees that if awarded the work on the basis of this Bid Proposal, he will enter into and execute a contract with Achen-Gardner. (Re. Bid Form Section 6)

COMPANY / BIDDER: M&K MASONRY INC

SIGNATURE: [Signature]

PRINTED NAME: DAVE BARCOCK

TITLE: ESTIMATOR/PROJ. MANAGER

DATE: 2/28/2017

CONTRACTORS LICENSE NO: ROC 286946 K-31

survey, quality control, testing, traffic control, grading, paving, concrete flatwork, sewer construction, concrete structures, general job site supervision, owner payment and performance bonds, and sales tax.

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5110	BRICK VENEER	168.00	SF	\$65.476	\$11,000 -
5120	MASONRY COLUMN (COMPLETE FINISH PER PLANS)	9.00	EA	\$1600 -	\$14,400 -
* REFERENCE OUR BID PROPOSAL FOR INCLUSIONS & EXCLUSIONS					
* SEE M&R BID PROPOSAL FOR STUCCO FINISH INCLUDED.					

Please quote all items and return to knunez@achen.com
 or fax to 480-940-4576 by February 28, 2017 12:00 Noon

If you have any questions regarding this project please contact
 Kevin Nunez at
knunez@achen.com
 480-940-1300
 602-918-3243

If the contact information in this solicitation letter is incorrect or needs to be changed, please let us know so that we may maintain correct contact information for your business. Thank you.

Analyze Quotes

Folder: PAINT PAINT

Vendor Code: 3DPAINTIN DOUPA1
 Vendor Name: 3D Painting a Dougherty Pai
 Vendor Phone: 623-696-3205 623-486-4126

Bid	Activit	Resour	Description	Quantity	Unit	Plug Pric	UP	UP	UP
5100	206105	4PAIN	MASONRY WALL (COM	205.00	LF	10.500	10.440	12.690	
5120	206105	4PAIN	MASONRY COLUMN (C		SF	1.000			

Totals: 2,152.50 2,140.20 2,601.45

Difference From Plug: -12.30 448.95

Note:

A "P" beside a price indicates a plug price.

Bold indicates that the vendor is selected.

DOUPA1 - Dougherty Painting Co.
 PAINTING

3D Painting and Sandblasting Inc.

An Equal Employment Opportunity Employer

*PAINTING CONTRACTOR
COMMERCIAL – INDUSTRIAL
CR-34 LICENSE NO. 311239*

*4151 W Villa Linda Dr
Glendale, AZ 85310
OFFICE: 623-696-3205
FAX: 623-321-8172*

To: Kevin Nunez- Achen-Gardner Construction
From: Ryan Dougherty - 3D Painting and Sandblasting Inc.
Re: Lincoln/Tatum PV Wall

We respectfully submit the following for your consideration

Scope of work:

Provide all labor, material, and equipment required to perform the field prep and painting of 205 LF of masonry wall. This will include pressure washing to prep and 2 coats of paint to both sides and top of the wall. Column tops and brick facade do not paint and will be covered.

Cost: \$2,140.00

Thank you for your time and consideration. Please call if you have any questions or you require any additional information.

Dougherty Painting Company

An Equal Employment Opportunity Employer

PAINTING CONTRACTOR
COMMERCIAL – INDUSTRIAL
K-34 LICENSE NO. 159581
EMAIL: dpaintco@yahoo.com

8871 N. 79th AVENUE
PEORIA, AZ 85345-7902
OFFICE: 623-486-4126
FAX: 623-486-0981

To: Kevin Nunez- Achen-Gardner Construction
From: Ryan Dougherty - Dougherty Painting Company
Re: Lincoln/Tatum PV Wall

We respectfully submit the following for your consideration

Scope of work:

Provide all labor, material, and equipment required to perform the field prep and painting of 205 LF of masonry wall. This will include pressure washing to prep and 2 coats of paint to both sides and top of the wall. Column tops and brick facade do not paint and will be covered.

Cost: \$2,600.00

Thank you for your time and consideration. Please call if you have any questions or you require any additional information.

Analyze Quotes

Folder: QC QUALITY CONTROL

Vendor Code:						NINMO1	QUATE1	ACSSE1	
Vendor Name:						Ninyo & Moo	Quality Testin	ACS Services	
Vendor Phone:						602-243-1600	480-496-2000	480-968-0190	
Bid	Activit	Resour	Description	Quantity	Unit	Plug Pric	UP	UP	UP
50	210250	4QC	MATERIAL TESTING	1.10	LS	10,000.000	6,967.000	8,909.000	
Totals:						11,000.00	7,663.70	9,799.90	
Difference From Plug:							-3,336.30	-1,200.10	-11,000.00

Note:
 A "P" beside a price indicates a plug price.
 Bold indicates that the vendor is selected.

NINMO1 - Ninyo & Moore
 QUALITY CONTROL

QUATE1 - Quality Testing LLC.
 QUALITY CONTROL

February 28, 2017
Proposal No. 12-01296

Mr. Kevin Nunez
Achen Gardner Construction
550 South 79th Street
Phoenix, Arizona 85226

Subject: Proposal to Perform Materials Testing and Special Inspection Services
Tatum Boulevard and Lincoln Drive Improvements
Paradise Valley, Arizona

Dear Mr. Nunez:

Ninyo & Moore is pleased to submit the following proposal to perform materials testing and special inspection services for the Tatum and Lincoln Improvements related to the Ritz Carlton Development in Paradise Valley, Arizona. Ninyo & Moore is capable of performing a wide variety of geotechnical and materials inspection and testing services including soils and aggregates, asphalt concrete, reinforced concrete, masonry, pre-stressed concrete, structural steel, welding, roofing, and fireproofing. Since 1986, Ninyo & Moore has grown to 15 offices in Arizona, California, Nevada, Colorado, and Texas.

Ninyo & Moore laboratories are supervised by registered civil engineers and meet the requirements of American Society for Testing and Materials (ASTM) E329, ASTM C1077, ASTM D3740, and ASTM D3666. Ninyo & Moore's testing equipment is calibrated annually by representatives utilizing equipment traceable to the National Institute of Standards and Technology, and is regularly inspected by the Cement and Concrete Reference Laboratory and AASHTO's Material Reference Laboratory.

PROPOSED SCOPE OF SERVICES

The proposed scope of services is to perform materials testing and special inspection services for the Tatum and Lincoln Improvements related to the Ritz Carlton Development in Paradise Valley, Arizona. Ninyo & Moore anticipates that the following services will be needed during the construction phase:

- Observation, testing, and sampling during the placement of soil, aggregate, concrete, masonry and asphalt.
- Laboratory testing of soil, aggregate, concrete, masonry and asphalt materials.
- Special inspection of masonry.
- Project management, data processing, and report review services of field and laboratory testing reports.

PROJECT ASSUMPTIONS

This proposal and cost estimate includes the following assumptions:

- Field technician rates are based on a 4-hour minimum.
- Overtime is not included in the estimate.
- Overtime will be charged at 1.5 times the technician rate for work performed in excess of 8 hours per day.
- Cost estimate estimated from plans and specifications. No schedule was provided.

FEE ESTIMATE

Ninyo & Moore estimates the materials testing services to be approximately:

- Materials Testing Services: \$6,270 (Six Thousand Two Hundred Seventy Dollars.)
- Special Inspection Services: \$697 (Six Hundred Ninety-Seven Dollars).

Please note that our estimated fee does not include stand-by time, or costs associated with retesting or re-inspecting materials that were found not to be in compliance with the project plans or specifications. Upon award of this project we request a meeting to review your schedule and our assumptions in preparing this proposal.

If this proposal meets with your approval, please sign and return a copy of the attached Work Authorization and Agreement.

Ninyo & Moore appreciates the opportunity to provide services on this project and we look forward to working with you.

Sincerely,
NINYO & MOORE

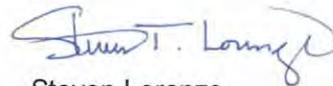


Sean Jacquemin
Project Engineer

SCJ/ECR/tp

Attachments: Cost Estimate
Work Authorization and Agreement
Prequalification Form

Distribution: (1) Addressee (via e-mail)



Steven Lorenzo
Principal/Business Development Manager



COST ESTIMATE

Project: Tatum Boulevard and Lincoln Drive Improvements
Location: Paradise Valley, Arizona

February 28, 2017
Proposal No. 12-01296

Earthwork

<u>Engineering Technician</u>	8	days @	4	hours/day @	\$45.00	\hour		\$1,440.00
<u>Trip Charge</u>	8	trips @	\$15.00			\trip		\$120.00
<u>Laboratory Testing</u>								
Standard Proctors	2			samples @	\$125.00	\sample		\$250.00
Gradations	2			samples @	\$110.00	\sample		\$220.00
Atterberg Limits	2			samples @	\$90.00	\sample		\$180.00
Swell Potential	1			sample @	\$195.00	\sample		\$195.00
Specific Gravity	1			sample @	\$140.00	\sample		\$140.00
Earthwork Subtotal								\$2,545.00

Concrete

<u>Engineering Technician</u>	4	days @	4	hours/day @	\$45.00	\hour		\$720.00
<u>Trip Charge</u>	4	trips @	\$15.00			\trip		\$60.00
<u>Compression testing of cylinders</u>								
	4	sets @	4	samples/set @	\$15.00	\sample		\$240.00
Concrete Subtotal								\$1,020.00

Masonry

<u>Engineering Technician</u>	2	days @	4	hours/day @	\$45.00	\hour		\$360.00
<u>Sample Pick-up</u>	1	day @	2	hours/day @	\$45.00	\hour		\$90.00
<u>Trip Charge</u>	3	trips @	\$15.00			\trip		\$45.00
<u>Compression Testing of Mortar specimens</u>								
	1	sets @	4	samples/set @	\$20.00	\sample		\$80.00
<u>Compression Testing of Grout specimens</u>								
	2	sets @	4	samples/set @	\$20.00	\sample		\$160.00
Masonry Subtotal								\$735.00

Asphalt

<u>Engineering Technician</u>	1	day @	6	hours/day @	\$45.00	\hour		\$270.00
<u>Coring Costs</u>	1	day @	4	hours/day @	\$125.00	\hour		\$500.00
<u>Trip Charge</u>	2	trips @	\$15.00			\trip		\$30.00
<u>Laboratory Testing</u>								
Marshall Density	1			sample @	\$125.00	\sample		\$125.00
Maximum Theoretical Density (Rice Test)	1			sample @	\$125.00	\sample		\$125.00
Extraction/Gradation	1			sample @	\$200.00	\sample		\$200.00
Core Density and Thickness	2			samples @	\$25.00	\sample		\$50.00
Asphalt Subtotal								\$1,300.00

Engineering Review, Consultation, and Data Processing

<u>Project Manager</u>	5	hours @	\$96.00	\hour			\$480.00	
<u>Data Processing</u>	5	hours @	\$38.00	\hour			\$190.00	
Engineering Subtotal								\$670.00

Total Cost Estimate for Material Testing Services	\$6,270.00
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COST ESTIMATE

Project: Tatum Boulevard and Lincoln Drive Improvements	February 28, 2017
Location: Paradise Valley, Arizona	Proposal No. 12-01296

Additional Services - Special Inspection Services (If Required)

Masonry Special Inspections

2	days @	4	hours/day @	\$75.00	\hour	\$600.00
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Trip Charge

2	trips @	\$15.00	\trip		\$30.00
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Special Inspections Subtotal	\$630.00
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Engineering Review, Consultation, and Data Processing

Project Manager

0.5	hours @	\$96.00	\hour		\$48.00
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Data Processing

0.5	hours @	\$38.00	\hour		\$19.00
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Engineering Subtotal	\$67.00
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Total Cost Estimate for Special Inspection Services	\$697.00
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Assumptions:

- 1) Project will be serviced from 3202 East Harbour Drive, Phoenix, Arizona.
- 2) Engineering technician time will be billed on a portal to portal basis.
- 3) Materials testing services will be on a time and materials basis.
- 4) Lab tests are estimated and will be charged based on work performed.
- 5) Lead time for requested service is 24 hours.
- 6) Field technician rates are based on a 4-hour minimum.
- 7) Cost estimate based on plans and specifications. No construction schedule was provided.

WORK AUTHORIZATION AND AGREEMENT

Please Sign and Return One Copy to:

NINYO & MOORE
3202 East Harbour Drive
Phoenix, Arizona 85034

PROPOSAL NO. 12-01296

1. PROJECT ADDRESS: **Tatum Boulevard and Lincoln Drive, Paradise Valley, Arizona.**
2. PROJECT DESCRIPTION: **Materials Testing and Special Inspection Services.**
3. SCOPE OF STUDY: **Please refer to proposal dated February 28, 2017.**
4. FEE: **\$6,270 (Six Thousand Two Hundred Seventy Dollars – Time and Materials).
\$ 697 (Six Hundred Ninety-Seven Dollars – Time and Materials). Special Inspection Services**
5. PORTION OF FEE IN ADVANCE OF WORK: **None.**
6. CLIENT: **Achen Gardner Construction** PHONE: **(480) 940-1300**
550 South 79th Street
Phoenix, Arizona 85226
- CONTACT: **Kevin Nunez** PHONE: **(480) 940-1300**
7. STATEMENT TO BE SENT TO: **Client**

CONDITIONS OF AGREEMENT BETWEEN CLIENT AND NINYO & MOORE

This AGREEMENT is made by and between: NINYO & MOORE GEOTECHNICAL AND ENVIRONMENTAL SCIENCES CONSULTANTS, hereinafter referred to as CONSULTANT, and **Achen Gardner Construction**, hereinafter referred to as CLIENT. This AGREEMENT between the parties consists of these TERMS, the attached Proposal identified as Proposal No. **12-01296** dated **February 28, 2017**, and any exhibits or attachments noted in the Proposal. Together, these elements will constitute the entire AGREEMENT superseding any and all prior negotiations, correspondence, or agreements either written or oral. Any changes to this AGREEMENT must be mutually agreed to in writing.

STANDARD OF CARE

CLIENT recognizes that subsurface conditions may vary from those observed at locations where borings, surveys, or explorations are made, and that site conditions may change with time. Data, interpretations, and recommendations by CONSULTANT will be based solely on information available to CONSULTANT. CONSULTANT is responsible for those data, interpretations, and recommendations, but will not be responsible for other parties' interpretations or use of the information developed.

Services performed by CONSULTANT under this AGREEMENT are expected by CLIENT to be conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the geotechnical engineering profession practicing contemporaneously under similar conditions in the locality of the project. Under no circumstance is any warranty, expressed or implied, made in connection with the providing of geotechnical consulting services.

SITE ACCESS AND SITE CONDITIONS

CLIENT will grant or obtain free access to the site for all equipment and personnel necessary for CONSULTANT to perform the work set forth in this agreement. CLIENT will notify any and all possessors of the project site that CLIENT has granted CONSULTANT free access to the site. Client will protect all property, inside and out, including all plants and landscaping. CONSULTANT will take reasonable precautions to reduce the potential for damage to the site, but it is understood by CLIENT that, in the normal course of work, some damage may occur and the correction of such damage or alteration is not part of this AGREEMENT unless so specified in the Proposal.

CLIENT is responsible for accurately delineating the locations of all subterranean structures and utilities. CONSULTANT will take reasonable precautions to avoid known subterranean structures, and CLIENT waives any claim against CONSULTANT, and agrees to defend, indemnify and hold CONSULTANT harmless from any claim or liability for injury or loss, including costs of defense, arising from damage done to subterranean structures and utilities not identified or accurately located. In addition, CLIENT agrees to compensate CONSULTANT for any time spent or expenses incurred by CONSULTANT in defense of any such claim, with compensation to be based upon CONSULTANT's prevailing fee schedule and expense reimbursement policy.

SAMPLE DISPOSAL

CONSULTANT will dispose of remaining soil, rock, and water samples approximately thirty (30) days after submission of the report covering those samples. Further storage or transfer of samples can be made at CLIENT's expense upon CLIENT's prior written request.

MONITORING

If CONSULTANT is retained by CLIENT to provide a site representative for the purpose of monitoring specific portions of construction work or other field activities as set forth in the Proposal, then this phrase applies. For the specified assignment, CONSULTANT will report observations and professional opinions to CLIENT or CLIENT's agent. No action of CONSULTANT or CONSULTANT's site representative can be construed as altering any AGREEMENT between the CLIENT and others. CONSULTANT will report to CLIENT or CLIENT's agent any observed geotechnically related work which, in CONSULTANT's professional opinion, does not conform with plans and specifications. The CONSULTANT has no right to reject or stop work of any agent or subcontractor of CLIENT; such rights are reserved solely for CLIENT. Furthermore, CONSULTANT's presence on the site does not in any way guarantee the completion or quality of the performance of the work of any party retained by CLIENT to provide field or construction-related services.

If CONSULTANT is not retained by Client for the purpose of monitoring construction work or field activities, CONSULTANT will expressly not be held liable or responsible for such activities or for the geotechnical performance of the completed project. Monitoring of construction work or field activities and the geotechnical performance of the completed project is and will remain the sole and express responsibility of the CLIENT or other party designated by the CLIENT. CLIENT hereby agrees to indemnify and hold harmless CONSULTANT from and against any loss or judgment, suffered by the CONSULTANT as a result of a claim or lawsuit resulting from CLIENT's failure to monitor construction work or field activities for which CONSULTANT has not been retained.

CONSULTANT will not be responsible for and will not have control or charge of specific means, methods, techniques, sequences or procedures of construction or other field activities selected by any agent or agreement of CLIENT. It is mutually understood and agreed by CLIENT and CONSULTANT that CONSULTANT has no control or enforcement ability over any persons or parties who are not employees of CONSULTANT. CONSULTANT does not purport to be, nor is CONSULTANT responsible for, any safety precautions nor programs incident thereto for such non-employees of CONSULTANT.

OWNERSHIP AND MAINTENANCE OF DOCUMENTS

Unless otherwise specified in this Agreement or in an Addendum, and provided that CONSULTANT has been fully paid for the Services, CLIENT shall have the right to use the documents, maps, photographs, drawings and specifications resulting from CONSULTANT's efforts on the project, for purposes reasonably contemplated by the parties. CONSULTANT shall have the right, but shall not be obligated, to retain copies of all such materials and shall have the right to use the same for any purpose, unless such use would be expected to cause harm to CLIENT. CLIENT shall specify in advance, in writing, and be charged for all arrangements for special or extended-period maintenance of such materials by CONSULTANT. CONSULTANT retains the right of ownership with respect to any patentable concepts or copyrightable materials arising from its Services.

Reuse of any material described by CLIENT, including publication to third parties, on extension of this project or on any other project without CONSULTANT's written authorization, shall be at CLIENT's risk, and CLIENT agrees to indemnify, defend, and hold harmless CONSULTANT from all claims, damages, and expenses, including attorney's fees, arising out of such unauthorized reuse.

BILLING AND PAYMENT

CLIENT will pay CONSULTANT in accordance with the procedures indicated in the Proposal and its attachments. Invoices will be submitted to CLIENT by CONSULTANT, and will be due and payable upon presentation. If CLIENT objects to all or any portion of any invoice, CLIENT will so notify CONSULTANT in writing within fourteen (14) calendar days of the invoice date, identify the cause of disagreement, and pay when due that portion of the invoice not in dispute. The parties will immediately make every effort to settle the disputed portion of the invoice. In the absence of written notification described above, the balance as stated on the invoice will be paid.

Invoices are delinquent if payment has not been received within thirty (30) days from date of invoice. CLIENT will pay an additional charge of three quarters of a percent (.75) per month (or the maximum percentage allowed by law, whichever is lower) on any delinquent amount, excepting any portion of the invoiced amount in dispute and resolved in favor of CLIENT. Payment thereafter will first be applied to accrued interest and then to the principal unpaid amount. All time spent and expenses incurred (including any attorney's fees) in connection with collection of any delinquent amount will be paid by CLIENT to CONSULTANT per CONSULTANT's current fee schedules. In the event CLIENT fails to pay CONSULTANT within sixty (60) days after invoices are rendered, CLIENT agrees that CONSULTANT will have the right to consider the failure to pay the CONSULTANT's invoice as a breach of this AGREEMENT and CONSULTANT may cease work on the project. At CONSULTANT's option, CONSULTANT may waive said major breach upon payment by CLIENT of all arrearages and outstanding invoices.

TERMINATION

This AGREEMENT may be terminated by either party seven (7) days after written notice in the event of any breach of any provision of this AGREEMENT or in the event of substantial failure of performance by either party, or if CLIENT suspends the work for more than three (3) months. In the event of termination, CONSULTANT will be paid for services performed prior to the date of termination plus

reasonable termination expenses, including, but not limited to, the cost of completing analyses, records, and reports necessary to document job status at the time of termination.

RISK ALLOCATION

Many risks potentially affect CONSULTANT by virtue of entering into this AGREEMENT to perform professional consulting services on behalf of CLIENT. The principal risk is the potential for human error by CONSULTANT. For CLIENT to obtain the benefit of a fee which includes a nominal allowance for dealing with CONSULTANT's liability, CLIENT agrees to limit CONSULTANT's liability to CLIENT and to all other parties for claims arising out of CONSULTANT's performance of the services described in this AGREEMENT. The aggregate liability of CONSULTANT will not exceed \$50,000 for negligent professional acts, errors, or omissions, including attorney's fees and costs which may be awarded to the prevailing party, and CLIENT agrees to indemnify and hold harmless CONSULTANT from and against all liabilities in excess of the monetary limit established above.

Limitations on liability and indemnities in this AGREEMENT are business understandings between the parties voluntarily and knowingly entered into, and shall apply to all theories of recovery including, but not limited to, breach of contract, warranty, tort (including negligence), strict or statutory liability, or any other cause of action, except for willful misconduct or gross negligence. The parties also agree that CLIENT will not seek damages in excess of the limitations indirectly through suits with other parties who may join CONSULTANT as a third-party nor by an award of attorney's fees and costs to the prevailing party in excess of the aggregate liability agreed upon herein by the parties. Parties means CLIENT and CONSULTANT and their officers, employees, agents, affiliates, and subcontractors.

Both CLIENT and CONSULTANT agree that they will not be liable to each other, under any circumstances, for special, indirect, consequential, or punitive damages arising out of or related to this AGREEMENT.

INDEMNIFICATION

If any claim is brought against CONSULTANT, its employees, agents and subcontractors and/or CLIENT by a third party, relating in any way to the Services, the contribution and indemnification rights and obligations of CONSULTANT and Client, subject to the paragraph titled "Risk Allocation" above, such claim shall be determined as follows:

1. If any negligence, breach of contract, or willful misconduct of CONSULTANT caused any damage, injury, or loss claimed by the third party, then CONSULTANT and CLIENT shall each indemnify the other against any loss or judgement on a comparative negligence basis (CLIENT responsibility to include that of its agents, employees, and other contractors); and
2. Unless CONSULTANT was liable for negligence, breach of contract, or willful misconduct which in whole or in part, caused the damage, injury, or loss asserted in the third party claim, CLIENT shall indemnify CONSULTANT against the claim, liability, loss, legal fees, consulting fees, and other costs of defense reasonably incurred.

DISCOVERY OF UNANTICIPATED HAZARDOUS MATERIALS

CLIENT represents that CLIENT has made a reasonable effort to evaluate if hazardous materials are on or near the project site, and that CLIENT has informed CONSULTANT of CLIENT's findings relative to the possible presence of such materials.

Hazardous materials may exist at a site where there is no reason to believe they could or should be present. CONSULTANT and CLIENT agree that the discovery of unanticipated hazardous materials constitutes a changed condition mandating a renegotiation of the scope of work or termination of services. CONSULTANT and CLIENT also agree that the discovery of unanticipated hazardous materials may make it necessary for CONSULTANT to take immediate measures to protect health and safety. CLIENT agrees to compensate CONSULTANT for any equipment decontamination or other costs incident to the discovery of unanticipated hazardous materials.

CONSULTANT agrees to notify CLIENT when unanticipated hazardous materials or suspected hazardous materials are encountered. CLIENT agrees to make any disclosures required by law to the appropriate governing agencies. CLIENT also agrees to hold CONSULTANT harmless for any and all consequences of disclosures made by CONSULTANT which are required by governing law. In the event the project site is not owned by CLIENT, CLIENT recognizes that it is CLIENT's responsibility to inform the property owner of the discovery of unanticipated hazardous materials or suspected hazardous materials.

Notwithstanding any other provision of the AGREEMENT, CLIENT waives any claim against CONSULTANT and, to the maximum extent permitted by law, agrees to defend, indemnify, and save CONSULTANT harmless from any claim, liability, and/or defense costs for injury or loss arising from CONSULTANT's discovery of unanticipated hazardous materials or suspected hazardous materials, including, but not limited to, any costs created by delay of the project and any cost associated with possible reduction of the property's value.

CLIENT will be responsible for ultimate disposal of any samples secured by CONSULTANT which are found to be contaminated.

DISPUTE RESOLUTION

If a dispute at law arises from matters related to the services provided under this AGREEMENT and that dispute requires litigation, then:

1. The claim will be brought and tried in judicial jurisdiction of the court of the county where CONSULTANT's principal place of business is located and CLIENT waives the right to remove the action to any other county or judicial jurisdiction, and;
2. The prevailing party will be entitled to recovery of all reasonable costs incurred, including staff time, court costs, attorneys' and expert witness fees, and other claim-related expenses.

GOVERNING LAW AND SURVIVAL

If any of the provisions contained in this AGREEMENT are held illegal, invalid, or unenforceable, the enforceability of the remaining provisions will not be impaired. Risk allocation and indemnities will survive termination or failure of this AGREEMENT for any cause.

The parties have read, or had the opportunity to read, the foregoing, including all attachments, addendums, and exhibits hereto, have had an opportunity to discuss the same, understand completely the terms, and willingly enter into this AGREEMENT which will become effective on the date signed below by CLIENT.

Printed Name of Client or Authorized Agent

Signature of Client or Authorized Agent

Date

Craig Rees, Principal/Construction Services Manager

Date

PM: SCJ



**Town of Paradise Valley – Roadway Improvements Related to the Ritz Carlton Development
GMP1 for Tatum Boulevard and Lincoln Drive**

EXHIBIT A: MAJOR SUBCONTRACTOR LETTER OF INTEREST & PRE-QUALIFICATION STATEMENT
Please complete as it appears on your State Contractor's License

<u>Ninyo & Moore, Inc.</u>			
Legal Name of Firm			
<u>DBA</u>			
<u>3202 E. Harbour Drive, Phoenix, AZ 85034</u>			
Address			
<u>Arizona</u>	<u>10836</u>	<u>BTR</u>	<u>8/31/17</u>
State	License No.	Class(es)	Expiration
<u>Arizona</u>	<u>206210</u>	<u>A</u>	<u>4/30/17</u>
State	License No.	Class(es)	Expiration
State	License No.	Class(es)	Expiration

<u>3202 E. Harbour Drive</u>	<u>Phoenix</u>	<u>AZ</u>	<u>85034</u>
Mailing Address	City	State	Zip
<u>Same</u>			
<u>Shipping Address</u>	<u>City</u>	<u>State</u>	<u>Zip</u>
<u>602.243.1600</u>	<u>602.243.2699</u>	<u>www.ninyoandmoore.com</u>	
Phone	Fax	Web Address	

Provide Names and Titles of your Firm's Principle Contacts

<u>Steve Lorenzo</u>	<u>Principal/Business Development Manager</u>
Principle Contact	Title
<u>602.243.1600, ext. 16231</u>	<u>slorenzo@ninyoandmoore.com</u>
Phone	Email
<u>602.243.2699</u>	<u>Principal/Construction Services Manager</u>
Fax	Title
<u>Craig Rees</u>	<u>crees@ninyoandmoore.com</u>
Secondary Contact	Email
<u>602.243.1600, ext. 16215</u>	
Phone	Fax
<u>602.243.2699</u>	

Prevailing Wage

Are you willing to bid on prevailing wage projects? Yes No

Your Company Minority Status

Please check all that apply and provide proof of certifications:

- | | |
|---|---|
| <input type="checkbox"/> DBE Disadvantage Business Enterprise | <input type="checkbox"/> DVBE Disable Veteran Business Enterprise |
| <input type="checkbox"/> WBE Women Business Enterprise | <input type="checkbox"/> SBE Small Business Enterprise |

Minority Ownership

- Native American (Includes American Indian, Eskimo, Aleut & Native Hawaiian)

Annual Sales

Year	Annual Sales	Largest Single Contract Value	General Contractor
2015	\$ 59,847,078	\$ 4,495,488	John Wayne Airport - Client
2014	\$ 56,079,768	\$ 1,555,803	Hill International
2013	\$ 50,945,357	\$ 2,900,000	Los Angeles World Apt. Client

Safety

Experience Modification Rate: Current 1.13 2015 .95 2014 .76 2013 .83

Current Bonding Information

33-0269828 154104079

Federal Tax ID Dealey, Renton & Assoc. Dunn & Bradstreet Number If Applicable

Surety Company Ted Kiyama Broker Wells Fargo

Broker / Contact Person 530 Water Street, 7th Floor Phone 510.465.3090 Name of Bank CA 94607

Address 530 Water Street, 7th Floor City Oakland State CA Zip 94607

Surety Company / Contact Person \$ No current bond capacity Phone \$ NA

Aggregate Bonding Limit (\$) \$ No current bond capacity Per Project Bonding Limit (\$) \$ No current bond capacity Unused Portion of Bonding Limit (\$) \$ NA

* As an engineering firm, performance bonds are not typically required, but can be handled on a case-by-case basis.
 Note: Attach notarized letter from surety stating previous limits

Previous Experience (Note: Following experienced information to be included as an attachment.)

(1) List 3 comparable projects in the last 5 years your firm has performed. Please include the following information:

- Name of project
- Name of project owner
- Construction dates (start and finish)
- Construction contract value (original and final)
- Project owner reference current contact information (phone and e-mail)
- Your Firm's Project Manager
- Your Firm's Project Superintendent

(2) Number of additional pages included with this 2-page Prequalification Statement _____

Your pre-qualification status cannot be determined until the pre-qualification statement is accurately completed and a letter from your surety is received.

Steve Lorenzo

Compiled by Principal/Business Development Manager

Title 2/24/2017

Date

Questions can be directed to Christie Hall at **480.940.1300**

Submit To:
 Achen-Gardner Construction
 Attn: Christie Hall
 Email: chall@achen.com
 550 South 79th Street, Chandler, AZ 85226
 Or by Fax:
 480.940.4576

FIRM PROFILE

Ninyo & Moore, a minority-owned business, was established in 1986 to provide exceptional geotechnical engineering, geologic, hydrogeologic, soil and materials testing and inspection, and environmental consulting services to the public and private sectors. They offer a variety of their services for highway and roadway projects. Ninyo & Moore is experienced in all phases of design, construction and rehabilitation of highways, roadways, medians, associated retaining structures, and other related infrastructure. Ninyo & Moore's team of qualified professionals has extensive experience performing services in accordance with the Federal Highway Administration, various State departments of transportation, and local municipality regulations. Ninyo & Moore's full-service laboratories are accredited by ADOT, AASHTO (AMRL, CCRL), City of Phoenix, and the U.S. Army Corps of Engineers, and their technicians are certified by ATTI, ACI, and ICC. Ninyo & Moore has provided their services to private corporations, public agencies, and professional consultants on more than 8,000 projects in Arizona.

COMPARABLE PROJECTS

EDISON ROAD REHABILITATION, MARICOPA, ARIZONA

Approximate Start Date: June, 2016
Approximate Completion Date: Ongoing
Contract Value Original: \$21,000
Contract Value Final: \$15,512
Client: City of Maricopa
Client Contact: Ross Renner
(520) 316-5952
ross.renner@maricopa-az.gov
Ninyo & Moore Project Manager: Farhad Rahimi

HIGLEY & WARNER INTERSECTION IMPROVEMENTS, GILBERT, ARIZONA

Approximate Start Date: May, 2015
Approximate Completion Date: March 2016
Contract Value Original: \$87,552
Contract Value Final: \$87,551
Client: Town of Gilbert
Client Contact: Jack Gierak
(480) 503-6871
Jack.gierak@gilbertaz.gov
Ninyo & Moore Project Manager: Farhad Rahimi

TANGERINE ROAD SEWER PROJECT, MARANA, ARIZONA

Approximate Start Date: January 2017
Approximate Completion Date: May 2017
Contract Value Original: \$15,493
Contract Value Final: \$Ongoing
Client: Hunter Contracting
Client Contact: Steve Melton
(520) 744-0722
stevem@huntercontracting.com
Ninyo & Moore Project Manager: Noe Guzman

DEALEY, RENTON & ASSOCIATES
Insurance Brokers



April 19, 2016

To: Whom It May Concern

Re: Ninyo & Moore Geotechnical and Environmental Sciences Consultants
Bonding Capacity

Offices in
Oakland CA
Pasadena CA
Santa Ana CA

dealeyrenton.com

Please accept this letter as confirmation that as their insurance broker, Dealey, Renton & Associates can facilitate the placement of Performance Bonds on behalf of our client Ninyo & Moore using any one of several surety markets available to us.

As is our practice, bonds will only be placed with carriers rated no less than A- (VII) by A.M. Best and on the U.S. Department of Treasury's List of Certified Companies.

In accordance with normal surety practice, bonding is a matter between Ninyo & Moore and the Surety and willingness to extend any suretyship will be based on underwriting of the account and a review of the contract documents, bond forms and confirmation of adequate financing.

Dealey, Renton & Associates assumes no liability to others if for any reason we do not execute said bond(s).

Thank you.

Ted Kiyama, CPCU

tkiyama@dealeyrenton.com

Dealey, Renton & Associates

Architects//Engineers//Environmental

530 Water Street, 7th Floor, Oakland CA 94607

Office: 510.465.3090 x254

License 0D49234 / DRA License 0020739

EXHIBIT C



COST ESTIMATE SUMMARY

SUB CONSULTANT : Quality Testing, LLC - Contractor QC Services
PROJECT NAME : RITZ Carlton Street Improvements Tatum Blvd & Lincoln Dr
PROJECT OWNER: Paradise Valley
PROJECT NUMBER: 2016-14

GENERAL INFORMATION / ASSUMPTIONS

BASIS OF ESTIMATE

- 1 **ESTIMATE Amount Based on Defined Scope:** This cost proposal is considered an estimate, subject to the GENERAL INFORMATION/ASSUMPTIONS as defined herein. For the estimate amount, QT will perform all Contractor Quality Control (QC) sampling and testing, both field and lab, that is specifically identified in the project documents, or other project controlling documents, at the time of bidding.

Assumption of Production:

QT has assumed a total of 35 trips to this project for soils, concrete and other related construction activity. Its is estimated technician time to be 4 hours per daily activity to perform different testing as required in specifications. Technician will perform multiple testing operations in 4 hour period at one time to minimize travel and boost efficiency of testing performed. Its assumed that contractor will perform multiple operations like pipe backfill and earth work at the same time to minimize labor cost. This estimate does not include any inspection or testing in manufacturing yards or suppliers locations. Site visits will include soil density and material testing as specified in project specifications.

Work Outside of Defined Scope: If sampling and testing work is requested by the client that is not already defined in the project documents, such work will be accommodated; however, compensation for such services shall be in addition to the Estimate amount. QT encourages client project management to inform job level project staff that requests for services outside the originally defined QC scope will result in additional costs. Once identified, QT management will send client project management a Supplemental Agreement (SA) form, defining the scope, cost, and description of any requested additional work. Preferably, the requested additional work will not be performed until after the SA form is signed and returned by client management. However, because requests are often the result of unplanned events, and in order to not impact the construction schedule, some work may be performed prior to the SA form being generated and returned. Regardless, by requesting the additional services, and then allowing them to be performed on the project, the client is accepting the responsibility to pay for requested services.

Schedule: The estimate amount was developed prior to bid and without the benefit of a detailed project schedule. In order to properly plan resource utilization after the bid, the client shall provide QT with a detailed base schedule prior to construction. Using this detailed base schedule, QT will redistribute the pre-bid designated manpower and testing resources in accordance with the actual planned sequence and duration of scheduled construction activities. This redistribution of resources will be provided to client management for comment and to further clarify the scope of planned services. Significant deviation from the base schedule that results in extra field presence, or extra samples, may be considered extra work.

References that Define QC Requirements: This cost proposal is based upon the QC sampling and testing requirements as defined in the following project documents: Project Specifications

- 2 **Contractor QC Periodic Report Summaries:** Reports will be provided on a weekly basis, although test results will be conveyed in real time as requested by the Client. Weekly Reports will be submitted to the designated client representative by Tuesday of the week following the week in which the work was performed. Reports shall show all QC sampling and testing activities performed by QT during the reporting period. Reports from non-QT entities (i.e. suppliers, other firms, etc.) will be included if provided by the client. QT utilizes a sophisticated materials testing information system for managing and reporting on project test information. Reports from this system will be provided in pdf format for use by client.
- 3 **Invoicing:** Invoicing will occur on a 4 week cycle. Each invoice shall include original scope charges that represent an appropriate, and defined, fraction of the original scope estimate amount. In the event that extra work is requested and provided during the invoicing period, such services shall be identified separately from the original scope charges on invoices. Additional work shall be calculated based on the unit prices defined in this cost proposal, or as otherwise superseded in specific Supplemental Agreements.
- 4 **Laboratory Facility:** This estimate is based upon all laboratory testing being conducted in QT's AASHTO Accredited testing facility. The QT facility is a full service production laboratory that services numerous project's simultaneously. Efforts are always made to prioritize samples in accordance with project needs.

EXHIBIT C



COST ESTIMATE SUMMARY

SUB CONSULTANT : Quality Testing, LLC - Contractor QC Services
PROJECT NAME : RITZ Carlton Street Improvements Tatum Blvd & Lincoln Dr
PROJECT OWNER: Paradise Valley
PROJECT NUMBER: 2016-14

GENERAL INFORMATION / ASSUMPTIONS

LABOR POSITIONS

- 5 **Materials Supervisor** - This person will begin immediately upon notice to proceed and will be involved during the entire contract. This person will be dedicated to managing the day to day field and lab materials testing efforts. Initially, this person will work with the client QC Manager to develop the Materials Testing Plan for the project. Then, this person will ensure that testing frequencies are being satisfied, that non-conformance issues are being properly addressed and rectified, that both field and lab test data is being properly reflected in the QT Materials Information Database, that project specific Periodic Materials Testing Reports are being prepared, transmitted and supported in a timely and accurate manner, and that both physical and personnel resources are provided to the job as scheduled and appropriate. This person will also attend and participate in project meetings when requested and will be the focal point for communication and coordination of materials testing activities between QT and the Client
- 6 **Field Technician(s)** - In general, field technician(s) shall be assigned to the project in accordance with the SCHEDULED PROJECT MAN-HOURS sheet of this cost proposal, or as modified by a post-bid schedule evaluation. The technician(s) will cover all materials sampling and field testing requirements on the project per the scope of the originally defined estimate amount. For most efficiency and familiarity, use of the consistent personnel pool is always the objective, but cannot be guaranteed. Technician time is charged on a portal to portal basis and related vehicle charges will apply.
- 7 **Reporting Technician** - A reporting technician will accumulate and draft weekly reports for Materials Supervisor to review, evaluate, finalize, and transmit to the Client in a timely fashion. This allows the Materials Supervisor to focus on report content in lieu of data input.
- 8 **Lab Technician** - Lab Technician Indirect hours have been shown on the SCHEDULED PROJECT MAN-HOURS sheet of this cost proposal for information only. A reasonable, approximate estimate of lab testing quantities is reflected in this cost proposal.

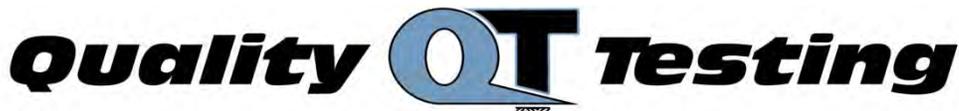
QT CONTINGENCY SERVICES

- 9 The hours estimated herein do not include Quality Control activities at fabrication yards or supplier production sites located off of the project. In addition, a regular occurrence of non-compliance and associated retesting is also not accounted for in this estimate. If needed or wanted, these services may require additional hours and lab testing costs.
- 10 QT's intent is to satisfy the project QC materials testing needs within the regular labor assumptions defined in this cost proposal. Based on past similarly staffed projects, overtime is typically not intended, but often incurred due to the contractor work schedule. Overtime often results from long work days, uncontrollable field delays, weekend and night work, schedule intensity increases, owner agency mandates, etc.. This cost proposal assumes zero overtime. QT will attempt to accommodate short term multiple work shifts, weekend work, night work, shift irregularity, and other unforeseen labor demands within this assumption. However, if concurrent work activities begin to regularly stack up beyond the capacity of the herein stated manpower assumptions, QT will work closely with the client to prioritize QC materials testing activity coverage and to adjust technician schedule appropriately.
- 11 All of the QT positions discussed in the QT SERVICES above are based on an assumption of 0% overtime (i.e. 40 regular hours plus 0 overtime hours per week). Time will be billed as actually worked. Overtime will be considered time in excess of 40 hours in a week, or on weekends, or in excess of 8 hours in a day, or during intermittent night shifts.
- 12 **Scheduling Cancellation:**
For any unforeseen circumstances a technician is cancelled upon their arrival onsite for scheduled activities, the client will be responsible for a minimum of 1 hour plus travel from portal to portal for the technicians time and travel to that project. This is considered services outside the originally defined QC scope and will result in additional costs.

William O'Neill 2/28/2017
Name Date



Signature



COST PROPOSAL SUMMARY

SUB CONSULTANT : Quality Testing, LLC - Contractor QC Services

PROJECT NAME : RITZ Carlton Street Improvements Tatum Blvd & Lincoln Dr

LABOR FEES

CLASSIFICATION	REG HOURS	REG RATES	ASS'D % O/T	O/T HOURS	O/T RATE**	LABOR COSTS	LABOR TYPE
QC Supervisor	14	\$ 65.00			\$ 97.50	\$ 910.00	Direct
QC Reporting Technician	8	\$ 22.00			\$ 33.00	\$ 176.00	Direct
Field Technician	110	\$ 42.00			\$ 63.00	\$ 4,620.00	Direct
		\$ -					
		\$ -					
		\$ -					
		\$ -					
Lab Technicians	40	\$ -					Indirect
		\$ -					
		\$ -					
		\$ -					

**** Regular Rate x Overtime Premium of 1.50**

(1) Direct Billable Labor Cost	\$	5,706.00
(2) Indirect (Non-Billable) Labor Cost	\$	-
(3) Subtotal	\$	5,706.00
Subtract Indirect Labor (2)	\$	-
TOTAL EXTENDED QT DIRECT BILLABLE LABOR	\$	5,706.00

OTHER FEES

CLASSIFICATION	NO. UNITS	UNITS	UNIT PRICE	EXTENDED PRICE
Daily Vehicle & Equipment Charge	25	EA	\$ 45.00	\$ 1,125.00
				\$ -
				\$ -

TOTAL OTHER FEES \$ 1,125.00

LAB TESTING FEES

LAB TESTING FEES	NO. UNITS	UNITS	UNIT PRICE	EXTENDED PRICE
301-Concrete Compressive Strength Cylinders	32	EA	\$ 8.00	\$ 256.00
310-CMU Compressive Strength Testing (Includes 6 CMU's)	1	EA	\$ 225.00	\$ 225.00
410-Plasticity Index	2	EA	\$ 50.00	\$ 100.00
413-Standard Proctor	3	EA	\$ 85.00	\$ 255.00
415-Sand Equivalent		EA	\$ 50.00	\$ -
416-Sieve Analysis	4	EA	\$ 45.00	\$ 180.00
417-Specific Gravity of CA	2	EA	\$ 50.00	\$ 100.00
420/421-pH & Resistivity		EA	\$ 70.00	\$ -
425-One Dimensional Swell		EA	\$ 80.00	\$ -
501-AC Core, Density/Thickness	7	EA	\$ 8.00	\$ 56.00
503-AC Core, Drill and Extract	7	EA	\$ 8.00	\$ 56.00
504-Ignition Furnace Calibration	2	EA	\$ 225.00	\$ 450.00
505/506-AC Content with Gradation (Ignition Method)	2	EA	\$ 100.00	\$ 200.00
507-AC Marshall Bulk Density	1	Set of 3	\$ 100.00	\$ 100.00
509-AC Max. Specific Gravity	1	Set of 3	\$ 100.00	\$ 100.00
510-AC Gyrotory Compaction		Set of 2	\$ 110.00	\$ -
Mix Design Development		\$LS	\$ 1,400.00	\$ -

TOTAL LAB TESTING FEES \$ 2,078.00

TOTAL ESTIMATE OF ALL FEES \$ 8,909.00

LOWER TIER DBE PARTICIPATION (If Applicable) \$ -

William O'Neill
Estimated By

February 28, 2017
Date Revised



EXHIBIT B: SUBCONTRACTOR BID FORM (02/16/17)

ACHEN-GARDNER CONSTRUCTION, LLC
REQUEST FOR BIDS

TO: Achen-Gardner Construction, LLC

Date: 2/27/17

FROM:

Quality Testing, LLC

ADDRESS:

175 S. Hamilton Place Gilbert 85233

PHONE:

480-496-2000

CONTACT:

Bill O'Neill

RE: TOWN OF PARADISE VALLEY - CONSTRUCTION MANAGER AT RISK FOR:
ROADWAY IMPROVEMENTS RELATED TO THE RITZ CARLTON DEVELOPMENT
GMP 1
TOPV PROJECT NO.: 2016-14
AGC PROJECT NO.: 3526100

SUBJECT: Bid Form Due Date: February 28, 2017
Time: 12:00 Noon

Place: Achen-Gardner Construction, LLC
550 S. 79th Street
Chandler, AZ 85226
OR
Email: knunez@achen.com (Kevin Nunez)

Pricing submittals will be received at the Chandler office of Achen-Gardner Construction, LLC (Achen-Gardner) located at 550 South 79th Street, Chandler, Arizona. Bidders must review all associated documents and become familiar with the existing site conditions prior to pricing submittal. By submitting this Bid Form, Bidder acknowledges that such review has been completed.

NOTE: Bidders are directed NOT to contact the Owner or Designer with questions regarding this bid.

ACHEN-GARDNER CONSTRUCTION, LLC | www.achen.com

550 South 79th Street | Chandler, AZ 85226 | P: 480.940.1300 | P: 800.580.5548 | F: 480.940.4576

ARIZONA | COLORADO | NEW MEXICO | UTAH

AZ: ROC261745 A-, ROC261746 B-01, ROC261747 B-04 CO: 20101257887 NM: #365027 UT: ROC7650801-5501

PROJECT SUMMARY:

GMP 1 consists of the improvements on Lincoln Drive at the intersection of Tatum Boulevard and Lincoln Drive in the Town of Paradise Valley and is Phase 1 of the larger offsite improvements project around the new site being developed by Five Star Development Resort Communities for the Ritz Carlton Resort on Scottsdale Road and Lincoln Boulevard.

The improvements support the expansion of west-bound Lincoln Boulevard to include a second right-turn lane and also include the associated utility relocations, improvements to the roadway frontage, modifications to the median, new sidewalk, curb and gutter, landscaping, and construction of a new wall

MAJOR SUBCONTRACTOR SELECTION PROCESS AND REQUIREMENTS:

As per the APDM legislation, major subcontractors are being selected based on a combination of qualifications and price.

Qualifications: All interested bidders are required to complete the included Subcontractor Letter of Interest & Pre-Qualification Statement. This portion of the selection process will be reviewed and scored Pass/Fail.

Pricing Submittal: All Bidders are required to submit this Bid Form as detailed herein, by **February 28, 2017 at 12:00 Noon.**

Final Selection: The qualified bidder for each scope with the proposal (including bidder's pricing qualifications/inclusions/exclusions, proposed alternatives, and perceived ability to meet the Project's schedule) that represents the best value to the Town will be recommended. Final awards are based on Town of Paradise Valley approval.

INSTRUCTIONS TO BIDDERS

GENERAL INSTRUCTIONS:

- 1) If after review of the documents, Bidder elects not to bid, please advise Achen-Gardner immediately so we may adjust accordingly.
- 2) **Questions will be taken until February 24, 2017 at 12:00 noon.** All questions must be submitted in writing via email to Kevin Nunez at knunez@achen.com. Responses to questions will be furnished to all Bidders.
- 3) Pricing submittals may be delivered in the following ways:
 - a. Via FAX to (480) 940-4576. All Pricing submittals transmitted by FAX (ATTN: Kevin Nunez) shall be in the hands of Achen-Gardner prior to bid closing time. Telephone submittals will not be accepted.
 - b. Via email to Kevin Nunez (knunez@achen.com) prior to bid closing time.
 - c. Via hard copy original to the Chandler office of Achen-Gardner Construction located at 550 South 79th Street, Chandler, AZ 85226 prior to bid closing time.
- 4) These instructions are provided to Bidders so that they may properly respond to the Request for Bid. Each Bidder is directed to carefully review these instructions and all documents prior to submitting their bid.
- 5) Bidders are directed **NOT** to contact the Owner or Designer with questions regarding this bid.
- 6) The Town of Paradise Valley, its representatives and Achen-Gardner reserve the right to waive any informality in any Bid.
- 7) The Town of Paradise Valley, its representatives and Achen-Gardner reserve the right to accept or reject any or all pricing submittals.
- 8) **All pricing submittals shall be submitted on the Bid Form prepared by Achen-Gardner and completed in its entirety. No exceptions will be made.**
- 9) All pricing submittals shall be signed by a duly authorized agent of the Company submitting the Bid.
- 10) Receipt of Addenda and Amendments (if any) shall be acknowledged by the Bidders on their signed Bid Form (ref: last page of this Bid Form). Addenda/Amendments shall be issued via email.
- 11) The Bid Quantities furnished on Exhibit C the Schedule of Values (SOV) by Achen-Gardner shall be used by each bidder in the tabulation of their pricing submittals. Each Bidder shall provide Bid Unit Prices in accordance with the required documents. Bidders **shall** provide as a separate attachment their own actual take-off quantities/pricing. Pricing total and evaluation of bids will be based on the bid quantities provided by Achen-Gardner (i.e. Exhibit C – Schedule of Values). Your “Bidder Take-off Quantities/Pricing” will be utilized only for evaluation of final scope and quantities and is required for this submittal.

- 12) Each bidder shall become familiar with the project site and perform a thorough plan review and take-off to familiarize themselves with the project scope. A separate section on the SOV (last page) is furnished for Bidders to enter items, associated quantities, and pricing identified during plan review that are not itemized on the SOV. These items will be evaluated separately from the base SOV. Only the base SOV will be utilized in tabulating comparative bid totals among Bidders.
- 13) Alternate systems, cost savings, and value engineering ideas are encouraged. If a Bidder would like to propose any of these, they should include this information in the space provided on the SOV (ref: last page of the SOV). These items will be evaluated separately from the Base Schedule of Values.
- 14) No changes to these Instructions to Bidders shall be made unless included in an official Amendment to the Instructions to Bidders issued by Achen-Gardner.
- 15) **ALL BIDDERS - All Bid pricing must include: all costs for mobilization/demobilization, fabrication, delivery, layout, supervision, trench safety barricading/markings, attendance at weekly/specialty/utility project meetings/site meets, contributions to final plan and constructability reviews (relative to Subcontractor's scope), labor, materials, equipment, uncrating, hoisting, setting, installation, parking, storage, insurance, permits, shop drawings, submittals, samples, overhead, profit and any other costs necessary to complete the work required in accordance with all associated Project documents.**
- 16) Any exclusions must be specifically stated.
- 17) Achen-Gardner's primary role on the Project will be as General Contractor/Construction Manager responsible for temporary project field office/yard, general conditions, permits, survey, quality control, testing, traffic control, grading, paving, concrete flatwork, sewer construction, concrete structures, general job site supervision, owner payment and performance bonds, and sales tax.
- 18) Achen-Gardner will be negotiating a Guaranteed Maximum Price (GMP) with the Town of Paradise Valley based on the subcontract proposals being solicited here. The GMP Contract will be a Unit Price/Measured Quantity/Not-to-exceed type of contract, as will the associated Subcontract Agreements. The GMP and associated Subcontract Agreements will be based on the specific scope set out in the Bid Documents provided to you.
- 19) The successful Bidders will be notified only after a thorough review and evaluation of all the Pricing submittals and Bid Forms have been made by Achen-Gardner, and in accordance with the tentative schedule (ref: Project Tentative Schedule). If needed, Achen-Gardner may conduct interviews with bidders to assist in evaluation of bid proposals and bidder understanding of the project scope (re: Project Tentative Schedule).

PROJECT TENTATIVE SCHEDULE:

Subcontractor LOI & Pre-Qualification Statement Due (Exhibit A) (Exhibit A required from only <u>Major</u> Subcontractors (Proposals of \$50,000 +)	02/24/17
Subcontractor Bid Form (Exhibit B) with SOV (Exhibit C)	02/28/17
GMP Submittal to the Town/Subcontractor Recommendations	03/06/17
Construction NTP (Tentative)	04/10/17
Project Substantial Completion	07/10/17

* All times are Mountain Standard Time (MST)

4) SUPPLIERS:

The following Suppliers are proposed for this Project. This list is complete and no additional Suppliers shall be allowed on the Project site without prior approval:

Company	Contact	Phone Number	Product
N/A			

5) INSURANCE:

Bidder's insurance coverage meets or exceeds the Town of Paradise Valley contract requirements.

YES NO

6) PLANS AND DOCUMENTS:

Following are the Bid Documents and should be thoroughly reviewed by Bidder:

- EXHIBIT A: Subcontractor Letter of Interest & Pre-Qualification Statement
- EXHIBIT B: Subcontractor Bid Form
- EXHIBIT C: GMP Schedule of Values
- EXHIBIT D: 90% Plan Comments
- TY Lin International 90% Plan Set Ritz Carlton Street Improvements Tatum Blvd. & Lincoln Drive Paradise Valley, Arizona Project No. 2016-14 dated 12/16.

7) PAY ITEM SCOPE CLARIFICATIONS:

General Items:

- CM@R General Contractor (Achen-Gardner) is responsible for all traffic control, survey, and acceptance material testing.
- **Stipulation of any inclusions, exclusions, and/or clarifications associated with your proposal must be presented with your Pricing Submittal**
- It is the Bidder's responsibility to ensure that Bidder understands the tentative construction schedule and duration and has furnished proposal pricing accordingly.
- This is a CM@R project and will, therefore, require Subcontractor's participation (relative to Subcontractor's scope of work) in the remainder of the design review/comment process and associated meetings throughout construction in addition to regular construction meetings. Plan accordingly in your pricing structure.
- **Pricing: Achen-Gardner requests all proposals' pricing be good through July 10, 2017. If there is a potential of price escalations for specific items, you may: 1) include them in your overall unit price for the item, or 2) provide the estimated amount of the price escalation and the approximate date it will occur.**

- It is our intention to address any potential material/commodity escalations in our final pricing to the Town with all approved selected bidders and prior to entering into sub-contract agreements. Exclusions and/or clarifications regarding this requirement must be included on the Bid Schedule of Values or Attachments. If no estimated escalation is noted, the Schedule of Values prices included with Bidder's proposal will be accepted as good for the project duration through July 10, 2017.

Quality Control Testing:

- This project scope shall bid using MAG Testing Specifications and Town of Paradise Valley supplemental requirements.

Construction Survey & Staking Subcontractors:

- All Bidders will carry \$1,000,000.00 minimum Professional Liability Errors and Omissions Coverage.

8) ABILITY TO COMPLY WITH PROJECT SCHEDULE REQUIREMENTS

YES X NO _____

9) ADDENDA ACKNOWLEDGMENTS:

Addendum N/A Dated _____ Addendum _____ Dated _____
Addendum _____ Dated _____ Addendum _____ Dated _____

10) BIDDER ACKNOWLEDGMENT:

Bidder acknowledges that the Town of Paradise Valley, its representatives and Achen-Gardner will rely upon this Bid in determining whether to proceed with the Project and/or contracts; and that once submitted, this Bid may not be altered, amended or withdrawn for a period of thirty (30) days without prior written consent of Achen-Gardner.

11) SUBCONTRACT:

Bidder herein agrees that if awarded the work on the basis of this Bid Proposal, he will enter into and execute a contract with Achen-Gardner. (Re. Bid Form Section 6)

COMPANY / BIDDER: Quality Testing, LLC

SIGNATURE: 

PRINTED NAME: William O'Neill

TITLE: Project Manager

DATE: 2/27/17

CONTRACTORS LICENSE NO: N/A

Analyze Quotes

Folder: REDIMIX REDI MIX

Vendor Code: ARIMA1 CALPO1 CEMIN1
 Vendor Name: Arizona Mat Calportland CEMEX Inc
 Vendor Phone: 602-278-4444 480-787-1266 602-416-2735

Bid	Activit	Resour	Description	Quantity	Unit	Plug Pric	UP	UP	UP
		2COLO	COLOR PER YARD FOR	6.32	CY	32.750	32.750	32.750	
		2COLO	COLOR WASHOUT PER	7.00	LD	25.000	25.000	25.000	
		2CRCO	COLOR PER CY	51.40	CY	25.000	26.500	24.000	
		2CRM	MAG AA CONCRETE	48.91	CY	75.000	78.000	82.000	
		2CRM	MAG B CONCRETE	47.27	CY	70.000	72.000	76.000	
Totals:						8,644.13	8,962.50	9,218.72	
Difference From Plug:							318.37	574.59	-8,644.13

Note:
 A "P" beside a price indicates a plug price.
 Bold indicates that the vendor is selected.

ARIMA1 - Arizona Materials LLC
 AGGREGATES;CONCRETE SUPPLIER

CEMIN1 - CEMEX Inc
 AGGREGATES;ASPHALT SUPPLIER;CONCRETE SUPPLIER



Corporate Offices:
 3636 S. 43rd Avenue
 Phoenix, AZ 85009
 Phone: 602-278-7777
 Fax: 602-442-6905
www.arizonamaterials.net

Arizona Materials

MATERIALS QUOTE

Quote Number: _____ Expected Start Date: _____

Bid Date: 2/27/2017 Effective Date: 3/15/2017 Expiration Date: 10/1/2017
 Customer: Achen-Gardner Customer Job #: _____
 Customer Address: 550 S 79th St Chandler, AZ 85226
 Phone work/cell: 480-940-1300 Fax: 480-940-4576 Email: _____
 Job Name: Tatum & Lincoln Project No: _____
 Job Address: Tatum & Lincoln City: Paradise Valley
 Cross Streets: _____
 Map Grid: _____ Special Instructions: _____
 Plant: _____ Round Trip Miles: _____ COD: YES _____ NO _____
 Specification: _____ MAG _____ ADOT _____ STANDBY: YES _____ NO _____

Quantity	Product Description	Mix Design Code	FOB Price	Delivered Price
45	Mag B	12504		\$ 72.00
50	Mag AA	14004		\$ 78.00
	Color			
	San Diego Buff (12504)			\$26.50
	San Diego Buff (14004)			\$32.75
	Color Washout			\$25.00 LD
	2 % Discount Paid on 15th of Following Month			
	Chilled/Hot Water			N/C
	Fuel Surcharge			N/C
Total Yds				
95.00				

2% Discount if Paid by 15th of Following Month

**Customer has 30 days to validate quote with P.O., signing issued quote, or written verification.
 This quotation based on 10 CY load size and 6 minutes/cubic yard unloading time.**

Arizona Materials, LLC Terms and Conditions of Sale (page 2) are applicable, unless excluded above.

Eric Loken _____ 2/27/2017 _____
 Quoted By: Date: Accepted By:



Corporate Offices:
3636 S. 43rd Avenue
Phoenix, AZ 85009
Phone: 602-278-7777
Fax: 602-442-6905
www.arizonamaterials.net

Arizona Materials *Terms and Conditions of Sale*

Additives

Hot / Chilled Water - \$1.00 per cubic yard
Ice - \$0.25 per pound (3-5 business days notice require)
Non-Chloride Accelerator - \$1.50 per unit
Recover - \$2.00 per 1/2 Hour

Fiber

Micro Fiber - \$6.00 per yard
Macro Fiber (Structural) - Priced as Quoted

Color

Standard Liquid Color - See mix detail for per yard pricing
Color Washout - \$25.00 per load

Delivery

Fuel Surcharge - \$15.00 per load
Wash Out System Buckets - \$25.00 per load (requested at time of order)
Standby Charges - \$1.50 per minute beyond 6 minutes per cubic yard
Short Load Charges -
 1.0 to 2.5 yds - \$150.00
 3.0 to 4.5 yds - \$125.00
 5.0 to 6.5 yds - \$100.00
 7.0 to 7.5 yds - \$75.00

All order backs/split loads under 11 yds on one order are subject to Short Load Charges.

Weekend Delivery - \$5.00 per yard
Plant Opening Charge - \$500.00/hr, 4 hour minimum
Sunday / Holiday Opening - \$750.00/hr, 4 hour minimum

Concrete Pricing subject to change in the event of cement / fly ash allocations and/or unanticipated cement / fly ash price increases.

All materials are produced in conformance with ACI / ASTM Standards.

Contractor is responsible to provide safe access to the point of delivery.

Arizona Materials accepts no responsibility for damages to any curb and beyond the curb line.

It is Contractors responsibility to contact Arizona Materials Quality Control Department with any concrete issues/concerns no later than 48 Hours after placement.



Seller Acceptance: _____
Date Received: _____
Date Acceptance Faxed: _____



Terms and Conditions
(Checked (x) as applied to quotation)

(X) Products quoted per customer's request.

Ready Mix Concrete:

(X) Tempered Water @ \$2.00 per cubic yard.

(X) Ice @ \$0.40 per pound (Requires 3 – 5 business days notice).

(X) Non-Chloride Accelerator @ \$0.09 per ounce.

(X) Recover Set Delay Admixture @ \$0.20 per ounce.

Fiber:

(X) Micro Fiber @ \$6.50 per yard

(X) Macro Fiber (Structural) Priced individually

(X) Standard Liquid Color @ \$2.75 per pound – See mix detail for per yard pricing.

Actual color of concrete may vary due to differences in cement, aggregates, job site conditions and finishing methods. Three yard minimum load required.

(X) Color Washouts @ \$25.00 per load.

() Standby Charges @ \$1.50 per minute beyond 5 minutes per cubic yard.

() Delivery Charges:

1.0 - 1.5 yds = \$ 150.00

2.0 - 3.5 yds = \$ 125.00

4.0 - 5.5 yds = \$ 100.00

(X) Plant Opening Charge: \$ 250.00 per hour/4 hour minimum.

(X) Sunday/Holiday Opening: \$ 500.00 per hour/4 hour minimum.

(X) Split Load Charges @ \$ 250.00 per load.

All materials are produced in conformance with applicable specifications.

CalPortland does not provide Contractor Quality Control.

CalPortland guarantees ticketed mix designs of less than 5000 P.S.I. for loads of three yards or more. Mix strength for loads less than three yards is not guaranteed due to loss of mortar adhering to drum and fins. Ticketed mix designs of 5000 P.S.I. or greater require a four yard minimum.

Due to potentially reactive aggregates in Arizona, CalPortland recommends the use of a Class F Fly Ash to mitigate Alkali Silica Reactivity (ASR). Purchaser shall assume the liability for the use of a cement only mix.

Special Provisions:



Specialty Companies Group, LLC

PROPOSAL

TO: **ACHEN GARDNER CONSTRUCTION**

2/27/2017

PROJECT: **TATUM & LINCOLN MASONRY 90 % GMP**

PLAN DATE:

LOCATION: **N TATUM BLVD / E LINCOLN DR**

ADDENDA:

CITY: **PARIDISE VALLEY**

ATTN: **KEVIN NUNEZ**

PHONE: **480-403-9440**

1 of 1

Bid Item #	Item Description	Qty.	Unit	Unit Price	Unit Total
1	ADJUST MANHOLE FRAME & COVER PER MAG DTL 422	1	EA	\$450.00	\$450.00
2	ADJUST VALVES BOX & COVER PER MAG DTL 391-1	1	EA	\$300.00	\$300.00
3	INSTALL POST / FOUNDATION	4	EA	\$195.00	\$780.00
4	INSTALL R3-8LL	1	EA	\$125.00	\$125.00
5	INSTALL R3-5f	2	EA	\$50.00	\$100.00
6	INSTALL R3-5r	2	EA	\$150.00	\$300.00
7	INSTALL TYPE 2H OBJECT MARKER	1	EA	\$45.00	\$45.00
8	REMOVE POST / FOUNDATION & SIGNS	2	EA	\$55.00	\$110.00
10	RELOCATE POST / FOUNDATION & SIGNS	2	EA	\$225.00	\$450.00
Total:					\$2,660.00

TERMS:

All items and quantity in proposal are to be included in subcontract agreement.

If any items are not included in the subcontract or the quantity is reduced, the remaining unit prices are subject to change.

All hardware for adjustments to be provided by others.

Traffic control shall be provided by others.

Night / Weekend work shall be additional.

Final billing shall be based on field verification of installed quantities. Void or empty hole billed at unit price.

Mobilization is included. Additional mobilizations due to delay or unknown conditions shall be provided at \$750.00 each.

Prices are good for 6 months from bid date.

EXCLUSIONS:

Pre-lowering of items. Permits, bonds and taxes. Engineering, survey and testing. Construction Water. SWPPP.

Frames, covers, grade rings, debris shields, valve box, lid, debris caps and electronic locators.

Saw-cutting, asphalt milling. Colored concrete, asphalt patch back and crack sealing. Manhole coating or lining.

Pavement marking, striping and reflective pavement markers.

Pre-vailing wages and certified payroll.

*** ANY AND ALL MRRA JOBS INCREASE UNIT PRICE 3%**

Respectfully Submitted,

Bryant Shaw

Accepted By: _____

Date: _____

Bryant Shaw
Estimator Special Projects

PO# : _____

22223 N. 16th Street Phoenix, AZ 85024 Office: 623-582-2385 - Fax: 623-581-7454

ROC 193227

Analyze Quotes

Folder: STRIPE STRIPE

Vendor Code: PAVMA1 FALCO1 ROADS SAFE
 Vendor Name: Pavement Ma Falcon Contra Road Safe Tra
 Vendor Phone: 480-598-0872 602-220-0055 602-243-1218

Bid	Activit	Resour	Description	Quantity	Unit	Plug Pric	UP	UP	UP
3010	203101	4STRI	OBLIT EXIST PVMNT M	1,680.00	LF	1.351	1.100		
3020	203101	4STRI	OBLIT EXIST PVMNT A	6.00	EA	153.539	125.000		
3030	203101	4STRI	WHITE THERMO (90 MIL	2,350.00	LF	1.351	1.100		
3040	203101	4STRI	YELLOW THERMO (90	640.00	LF	1.351	1.100		
3050	203101	4STRI	RAISED PVMNT MKR T	32.00	EA	6.142	5.000		
3060	203101	4STRI	RAISED PVMNT MKR T	36.00	EA	6.486	5.280		
3063	203101	4STRI	TYPE I PERMANENT PV	6.00	EA	499.000	406.250		
3065	203101	4STRI	TYPE I PERMANENT PV	2.00	EA	1,082.447	881.250		
3070	203101	4STRI	PAINTED MEDIAN NOSE	1.00	EA	92.123	75.000		

Totals: 12,911.89 **10,512.08**
Difference From Plug: -2,399.81 -12,911.89 -12,911.89

Note:
 A "P" beside a price indicates a plug price.
 Bold indicates that the vendor is selected.

PAVMA1 - Pavement Markings, Inc.
 STRIPING

FALCO1 - Falcon Contracting, Inc.
 SEAL COATING;SIGNAGE;STRIPING



EXHIBIT B: SUBCONTRACTOR BID FORM (02/16/17)

ACHEN-GARDNER CONSTRUCTION, LLC
REQUEST FOR BIDS

TO: Achen-Gardner Construction, LLC

Date: 2/28/17

FROM: Pavement Marking Inc
ADDRESS: 8949 S Beck Ave Tempe Az
PHONE: 480-598-0872
CONTACT: Doug Brunskill

RE: TOWN OF PARADISE VALLEY - CONSTRUCTION MANAGER AT RISK FOR:
ROADWAY IMPROVEMENTS RELATED TO THE RITZ CARLTON DEVELOPMENT
GMP 1
TOPV PROJECT NO.: 2016-14
AGC PROJECT NO.: 3526100

SUBJECT: Bid Form Due Date: February 28, 2017
Time: 12:00 Noon

Place: Achen-Gardner Construction, LLC
550 S. 79th Street
Chandler, AZ 85226
OR
Email: knunez@achen.com (Kevin Nunez)

Pricing submittals will be received at the Chandler office of Achen-Gardner Construction, LLC (Achen-Gardner) located at 550 South 79th Street, Chandler, Arizona. Bidders must review all associated documents and become familiar with the existing site conditions prior to pricing submittal. By submitting this Bid Form, Bidder acknowledges that such review has been completed.

NOTE: Bidders are directed NOT to contact the Owner or Designer with questions regarding this bid.

ACHEN-GARDNER CONSTRUCTION, LLC | www.achen.com
550 South 79th Street | Chandler, AZ 85226 | P: 480.940.1300 | P: 800.580.5548 | F: 480.940.4576

ARIZONA | COLORADO | NEW MEXICO | UTAH
AZ: ROC261745 A-, ROC261746 B-01, ROC261747 B-04 CO: 20101257887 NM: #365027 UT: ROC7650801-5501

PROJECT SUMMARY:

GMP 1 consists of the improvements on Lincoln Drive at the intersection of Tatum Boulevard and Lincoln Drive in the Town of Paradise Valley and is Phase 1 of the larger offsite improvements project around the new site being developed by Five Star Development Resort Communities for the Ritz Carlton Resort on Scottsdale Road and Lincoln Boulevard.

The improvements support the expansion of west-bound Lincoln Boulevard to include a second right-turn lane and also include the associated utility relocations, improvements to the roadway frontage, modifications to the median, new sidewalk, curb and gutter, landscaping, and construction of a new wall

MAJOR SUBCONTRACTOR SELECTION PROCESS AND REQUIREMENTS:

As per the APDM legislation, major subcontractors are being selected based on a combination of qualifications and price.

Qualifications: All interested bidders are required to complete the included Subcontractor Letter of Interest & Pre-Qualification Statement. This portion of the selection process will be reviewed and scored Pass/Fail.

Pricing Submittal: All Bidders are required to submit this Bid Form as detailed herein, by **February 28, 2017 at 12:00 Noon.**

Final Selection: The qualified bidder for each scope with the proposal (including bidder's pricing qualifications/inclusions/exclusions, proposed alternatives, and perceived ability to meet the Project's schedule) that represents the best value to the Town will be recommended. Final awards are based on Town of Paradise Valley approval.

INSTRUCTIONS TO BIDDERS

GENERAL INSTRUCTIONS:

- 1) If after review of the documents, Bidder elects not to bid, please advise Achen-Gardner immediately so we may adjust accordingly.
- 2) **Questions will be taken until February 24, 2017 at 12:00 noon.** All questions must be submitted in writing via email to Kevin Nunez at knunez@achen.com. Responses to questions will be furnished to all Bidders.
- 3) Pricing submittals may be delivered in the following ways:
 - a. Via FAX to (480) 940-4576. All Pricing submittals transmitted by FAX (ATTN: Kevin Nunez) shall be in the hands of Achen-Gardner prior to bid closing time. Telephone submittals will not be accepted.
 - b. Via email to Kevin Nunez (knunez@achen.com) prior to bid closing time.
 - c. Via hard copy original to the Chandler office of Achen-Gardner Construction located at 550 South 79th Street, Chandler, AZ 85226 prior to bid closing time.
- 4) These instructions are provided to Bidders so that they may properly respond to the Request for Bid. Each Bidder is directed to carefully review these instructions and all documents prior to submitting their bid.
- 5) Bidders are directed **NOT** to contact the Owner or Designer with questions regarding this bid.
- 6) The Town of Paradise Valley, its representatives and Achen-Gardner reserve the right to waive any informality in any Bid.
- 7) The Town of Paradise Valley, its representatives and Achen-Gardner reserve the right to accept or reject any or all pricing submittals.
- 8) **All pricing submittals shall be submitted on the Bid Form prepared by Achen-Gardner and completed in its entirety. No exceptions will be made.**
- 9) All pricing submittals shall be signed by a duly authorized agent of the Company submitting the Bid.
- 10) Receipt of Addenda and Amendments (if any) shall be acknowledged by the Bidders on their signed Bid Form (ref: last page of this Bid Form). Addenda/Amendments shall be issued via email.
- 11) The Bid Quantities furnished on Exhibit C the Schedule of Values (SOV) by Achen-Gardner shall be used by each bidder in the tabulation of their pricing submittals. Each Bidder shall provide Bid Unit Prices in accordance with the required documents. Bidders **shall** provide as a separate attachment their own actual take-off quantities/pricing. Pricing total and evaluation of bids will be based on the bid quantities provided by Achen-Gardner (i.e. Exhibit C – Schedule of Values). Your “Bidder Take-off Quantities/Pricing” will be utilized only for evaluation of final scope and quantities and is required for this submittal.

- 12) Each bidder shall become familiar with the project site and perform a thorough plan review and take-off to familiarize themselves with the project scope. A separate section on the SOV (last page) is furnished for Bidders to enter items, associated quantities, and pricing identified during plan review that are not itemized on the SOV. These items will be evaluated separately from the base SOV. Only the base SOV will be utilized in tabulating comparative bid totals among Bidders.
- 13) Alternate systems, cost savings, and value engineering ideas are encouraged. If a Bidder would like to propose any of these, they should include this information in the space provided on the SOV (ref: last page of the SOV). These items will be evaluated separately from the Base Schedule of Values.
- 14) No changes to these Instructions to Bidders shall be made unless included in an official Amendment to the Instructions to Bidders issued by Achen-Gardner.
- 15) **ALL BIDDERS - All Bid pricing must include: all costs for mobilization/demobilization, fabrication, delivery, layout, supervision, trench safety barricading/marking, attendance at weekly/specialty/utility project meetings/site meets, contributions to final plan and constructability reviews (relative to Subcontractor's scope), labor, materials, equipment, uncrating, hoisting, setting, installation, parking, storage, insurance, permits, shop drawings, submittals, samples, overhead, profit and any other costs necessary to complete the work required in accordance with all associated Project documents.**
- 16) Any exclusions must be specifically stated.
- 17) Achen-Gardner's primary role on the Project will be as General Contractor/Construction Manager responsible for temporary project field office/yard, general conditions, permits, survey, quality control, testing, traffic control, grading, paving, concrete flatwork, sewer construction, concrete structures, general job site supervision, owner payment and performance bonds, and sales tax.
- 18) Achen-Gardner will be negotiating a Guaranteed Maximum Price (GMP) with the Town of Paradise Valley based on the subcontract proposals being solicited here. The GMP Contract will be a Unit Price/Measured Quantity/Not-to-exceed type of contract, as will the associated Subcontract Agreements. The GMP and associated Subcontract Agreements will be based on the specific scope set out in the Bid Documents provided to you.
- 19) The successful Bidders will be notified only after a thorough review and evaluation of all the Pricing submittals and Bid Forms have been made by Achen-Gardner, and in accordance with the tentative schedule (ref: Project Tentative Schedule). If needed, Achen-Gardner may conduct interviews with bidders to assist in evaluation of bid proposals and bidder understanding of the project scope (re: Project Tentative Schedule).

PROJECT TENTATIVE SCHEDULE:

Subcontractor LOI & Pre-Qualification Statement Due (Exhibit A) (Exhibit A required from only <u>Major</u> Subcontractors (Proposals of \$50,000 +)	02/24/17
Subcontractor Bid Form (Exhibit B) with SOV (Exhibit C)	02/28/17
GMP Submittal to the Town/Subcontractor Recommendations	03/06/17
Construction NTP (Tentative)	04/10/17
Project Substantial Completion	07/10/17

* All times are Mountain Standard Time (MST)

4) SUPPLIERS:

The following Suppliers are proposed for this Project. This list is complete and no additional Suppliers shall be allowed on the Project site without prior approval:

Company	Contact	Phone Number	Product
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

5) INSURANCE:

Bidder's insurance coverage meets or exceeds the Town of Paradise Valley contract requirements.

YES _____ NO _____

6) PLANS AND DOCUMENTS:

Following are the Bid Documents and should be thoroughly reviewed by Bidder:

- EXHIBIT A: Subcontractor Letter of Interest & Pre-Qualification Statement
- EXHIBIT B: Subcontractor Bid Form
- EXHIBIT C: GMP Schedule of Values
- EXHIBIT D: 90% Plan Comments
- TY Lin International 90% Plan Set Ritz Carlton Street Improvements Tatum Blvd. & Lincoln Drive Paradise Valley, Arizona Project No. 2016-14 dated 12/16.

7) PAY ITEM SCOPE CLARIFICATIONS:

General Items:

- CM@R General Contractor (Achen-Gardner) is responsible for all traffic control, survey, and acceptance material testing.
- **Stipulation of any inclusions, exclusions, and/or clarifications associated with your proposal must be presented with your Pricing Submittal**
- It is the Bidder's responsibility to ensure that Bidder understands the tentative construction schedule and duration and has furnished proposal pricing accordingly.
- This is a CM@R project and will, therefore, require Subcontractor's participation (relative to Subcontractor's scope of work) in the remainder of the design review/comment process and associated meetings throughout construction in addition to regular construction meetings. Plan accordingly in your pricing structure.
- **Pricing: Achen-Gardner requests all proposals' pricing be good through July 10, 2017. If there is a potential of price escalations for specific items, you may: 1) include them in your overall unit price for the item, or 2) provide the estimated amount of the price escalation and the approximate date it will occur.**

- It is our intention to address any potential material/commodity escalations in our final pricing to the Town with all approved selected bidders and prior to entering into sub-contract agreements. Exclusions and/or clarifications regarding this requirement must be included on the Bid Schedule of Values or Attachments. If no estimated escalation is noted, the Schedule of Values prices included with Bidder's proposal will be accepted as good for the project duration through July 10, 2017.

Quality Control Testing:

- This project scope shall bid using MAG Testing Specifications and Town of Paradise Valley supplemental requirements.

Construction Survey & Staking Subcontractors:

- All Bidders will carry \$1,000,000.00 minimum Professional Liability Errors and Omissions Coverage.

8) ABILITY TO COMPLY WITH PROJECT SCHEDULE REQUIREMENTS

YES NO

9) ADDENDA ACKNOWLEDGMENTS:

Addendum 1 Dated 2/22/17 Addendum Dated
Addendum Dated Addendum Dated

10) BIDDER ACKNOWLEDGMENT:

Bidder acknowledges that the Town of Paradise Valley, its representatives and Achen-Gardner will rely upon this Bid in determining whether to proceed with the Project and/or contracts; and that once submitted, this Bid may not be altered, amended or withdrawn for a period of thirty (30) days without prior written consent of Achen-Gardner.

11) SUBCONTRACT:

Bidder herein agrees that if awarded the work on the basis of this Bid Proposal, he will enter into and execute a contract with Achen-Gardner. (Re. Bid Form Section 6)

COMPANY / BIDDER: Paragon Mfg Inc
SIGNATURE: [Signature]
PRINTED NAME: Doug Bruskill
TITLE: Estimator
DATE: 2/28/17
CONTRACTORS LICENSE NO: 280635 AZ



QUOTATION

02/28/2017

Quotation Expires in 45 Days

RE : Ritz Carlton Street Improvements (Tatum/Lincoln)

Project Number : Paradise Valley 2016-14

Bid Date : 02/28/2017

Bid Number : 170144

Attn : Kevin Nunez/Achen Gardner

ITEM #	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
01	White Thermoplastic (4" Equiv)(90 Mil)	2,350 LF	\$0.750	\$1,762.50
02	Yellow Thermoplastic (4" Equiv)(90 Mil)	640 LF	\$0.750	\$480.00
03	Raised Pavement Markers, Type D	32 EA	\$5.000	\$160.00
04	Raised Pavement Markers, Type G	38 EA	\$5.000	\$190.00
05	Painted Median Noses, Yellow	1 EA	\$75.000	\$75.00
06	Arrow Symbols, Type I Tape	6 EA	\$350.000	\$2,100.00
07	Only Legends, Type I Tape	3 EA	\$550.000	\$1,650.00
08	Stripe Obliteration, Hydroblast (4" Equiv)	1,680 LF	\$1.100	\$1,848.00
09	Obliterate Pavement Marking (Arrow, Legend)	6 EA	\$125.000	\$750.00
10	Temporary Paint Striping (White/Yellow)	2,990 LF	\$0.350	\$1,046.50
11	Temporary Painted Symbol	9 EA	\$50.000	\$450.00
N/A	Mobilization	2 EA	\$1,200.000	\$2,400.00
Total Bid:				\$12,912.00

BID CONDITIONS

Our Quotation Excludes the Following : Survey, Sweeping, Traffic Control, Sales Tax, Permits, Bond, As-Built Drawings

Striping survey is required per ADOT Specification 925-3. Payment Terms Net 30 Days. A minimum of 14 days notice required prior to starting work. Our price for stripe obliteration does not include any type of sealant over the obliterated areas.

GENERAL INFORMATION

Insurance:	Travelers	Workman's Comp:	Travelers
Policy #:	6F703863	Federal ID Number:	86-0679854
General Aggregate:	\$2,000,000.00	AZ Tax :	86-0679854
ProdCmp/Ops Aggregate:	\$2,000,000.00	Bond Rate:	\$8.00/1000.00 (Minimum \$100.00)
Auto/Sgl Limit Liability:	\$1,000,000.00	Contractor's License:	280635
Umbrella:	\$4,000,000.00		170144

Analyze Quotes

Folder: SURVEY SURVEY

Vendor Code:				EPSGR1	SURIN1	VALCO			
Vendor Name:				EPS Group	Survey Innova	Valco Surveyi			
Vendor Phone:				480-503-2250	480-922-0780	480-990-2412			
Bid	Activit	Resour	Description	Quantity	Unit	Plug Pric	UP	UP	UP
40	210230	4SURV	SURVEY & AS-BUILTS	1.10	LS	10,000.000	2,630.000	5,080.000	
Totals:						11,000.00	2,893.00	5,588.00	
Difference From Plug:							-8,107.00	-5,412.00	-11,000.00

Note:
 A "P" beside a price indicates a plug price.
 Bold indicates that the vendor is selected.

SURIN1 - Survey Innovations Group Inc.
 SURVEY



January 28, 2017

Re: Ritz Carlton Street Improvements

Kevin Nunez,

EPS Group, Inc. is pleased to submit this proposal for the above referenced project in the Town of Paradise Valley. Our total fee for these services as shown in the scope below is \$2,630.

- Calibrate site and establish control.
- Mark removals.
- Set stakes at 50' intervals for rough grade.
- Set stakes at 25' intervals for curb.
- Set grade stakes for site walls
- Provide signed asbuilts.

We look forward to continuing our working relationship with you and your company. If you have any questions or concerns, please feel free to call me at your convenience at 480-226-9906.

Sincerely,

A handwritten signature in blue ink, appearing to read 'BJ', is placed below the word 'Sincerely,'.

Brandyn Jones, R.L.S.
Survey Manager
EPS Group, Inc





**SURVEY INNOVATION
GROUP, INC**
Land Surveying Services

February 28th, 2017

Kevin Nunez
Achen-Gardner, Inc.
550 South 79th St.
Chandler, AZ 85226

via email: knunez@achen.com

Dear Kevin:

Survey Innovation Group, Inc. (SIG, INC.) proposes to provide professional land surveying services in connection with the Project known as **Ritz Carlton Street Improvements Tatum Blvd & Lincoln Drive** located in Paradise Valley, Arizona. CLIENT is expected to provide SIG, INC. with information as to requirements and/or any special considerations for the Project or special services needed, and also to make available all pertinent existing data, where applicable.

Services will be provided under the General Terms and Conditions attached hereto. Our services will consist of providing professional land surveying services. The Scope of Services is detailed in Exhibit "A". We will also furnish such additional services as may be requested in writing to SIG, INC.

SIG, INC. will invoice periodically for services and reimbursable expenses based on actual work progress. The above financial arrangements are based on the prompt payment of our invoices and on the orderly and continuous progress of the Project.

If this agreement meets with your satisfaction, please sign and return as our Notice to Proceed.

Sincerely,

Accepted for CLIENT,

Jason Segneri, RLS
President

Signature

Print Name

Date

If you wish to receive copies of your invoices via email please provide your email address below; original invoices will still be mailed.

Email

Exhibit "A"
Scope of Services

Control

- Verify existing horizontal and vertical control and establish new control for site staking.

Subtotal: \$540.00

Site Staking

- Provide sawcut limits.
- Provide stakes for new curbing.
- Provide stakes for new sidewalk.
- Provide stakes for new driveway
- Provide stakes for new wall construction.
- Provide stakes for new striping.

Subtotal: \$2,430.00

Asbuilts

- Perform field and office work to prepare asbuilts including:
 1. Site Asbuilts
 - Provide asbuilts for new pavement/concrete construction.

Note: The contractor will note any changes made during the construction phase and provide dimensions to the surveyor before completion of final asbuilts are submitted. Should the following be required by the governing municipality, the contractor shall notify the project surveyor before back-filling water, fire line, sewer, storm drain facilities or other underground pipelines and utilities in order that the surveyor may verify the asbuilt location and elevation of said utilities.

Subtotal: \$810.00

Calculations, Coordination and Project Management

- Onsite preconstruction meetings to coordinate field staking for synergistic operation with construction subcontractors (not to exceed one meeting). Additional meetings will be conducted on a time and materials basis per Fee Schedule.
- Point staking calculation for items contained in this proposal.
- Correspondence to client and subcontractors (i.e. cutsheets, staking progress memorandums, etc).

Subtotal: \$1,300.00

TOTAL: \$5,080.00

General Terms and Conditions for Services Rendered by Survey Innovation Group, Inc.

1. Fee Schedule as of January 1, 2017:

PROJECT MANAGER RLS	\$135.00/HR
PROJECT MANAGER NON-RLS	\$105.00/HR
SURVEY TECHNICIAN	\$95.00/HR
PROJECT COORDINATOR	\$75.00/HR
ONE MAN SURVEY CREW-GPS	\$115.00/HR
TWO MAN SURVEY CREW	\$135.00/HR
THREE MAN SURVEY CREW	\$175.00/HR

Premium Charge: Overtime work, Saturday, Sunday, etc.: Hourly rate time multiplier of 1.50.

2. Survey Innovation Group, Inc. will NOT be open or operating during its scheduled Holidays. The Holiday schedule for 2017 is as follows:

President's Day (Feb. 20 th)	Memorial Day (May 29 th)	Independence Day (July 3 rd and 4 th)
Labor Day (Sept. 4 th)	Thanksgiving (Nov. 23 rd and 24 th)	
Christmas Day (Dec. 25 th)	New Years Day (Jan 1 st , 2018)	

3. All required efforts outside the outlined SCOPE OF SERVICES will be provided upon the CLIENT'S request, as additional services, and will be billed at the current billing fee schedule rate.

4. In the event that a question or a claim may arise as to an error or omission in the SURVEYOR'S maps, the SURVEYOR will assume no liability for errors or omissions unless notified within 48 hours of the CLIENT'S discovery of such. If notified within 48 hours, the SURVEYOR will have the right to remedy any such errors or omissions within a reasonable and agreed upon time thereafter at no additional cost to the CLIENT. In the event that a question or a claim may arise as to an error relative to the accuracy of construction stakes, the SURVEYOR will assume no liability for errors unless all original survey stakes in question remain in place and undisturbed. Should such stakes in question not be present and verified as to their origin and original condition in the surveyor's opinion, no claim for additional compensation or correction shall be presented to the SURVEYOR.

5. CLIENT will be billed monthly, based on the percentage of work completed and/or hourly charges and reimbursable expenses. A finance charge of one and one half percent (1-1/2%) per month (18% annual Percentage rate) will be added to portions of accounts over 30 days past due and will result in immediate stoppage of all services until payment is received. The CLIENT will pay any and all charges incurred by the SURVEYOR to collect past due accounts. In the event that litigation is instituted to enforce the provisions hereof, the prevailing party shall be entitled to recover from the other party in addition to all other relief to which such prevailing party may, otherwise be entitled, all costs expenses and fees incurred by such party or parties.

6. The obligation to provide further services under this SCOPE OF SERVICES may be terminated by either party upon ten (10) days' written notice of intent to terminate. In the event of any termination, the SURVEYOR will be paid for all services rendered to the date of termination plus reimbursable expenses.

7. To the fullest extent permitted by the law, and notwithstanding any other provision to this SCOPE OF SERVICES, the total liability, in the aggregate, of the SURVEYOR and the SURVEYOR'S officers, directors', partners, employees, agents, and sub-consultants, for any and all claims, losses, costs, or damages whatsoever arising out of, resulting from, or in any way related to this SCOPE OF SERVICES from any cause or causes, including but not limited to the negligence, professional errors or omissions, strict liability or breach of contract, or warranty expressed or implied of the SURVEYOR, or the SURVEYOR'S officers, directors', partners, employees, agents, and sub-consultants, shall not exceed the SURVEYOR'S fee specified in the SURVEYOR'S SCOPE OF SERVICES.

8. If there are protracted delays for reasons beyond SURVEYOR'S control, within the customary period of time after six (6) months, SURVEYOR'S compensation shall be adjusted, taking into consideration changes in price indexes and pay scales applicable to the period when services are, in fact, being rendered.

9. Reimbursable expenses incurred in connection with all basic and additional services will be charged on the basis of cost plus 10% to the CLIENT. Reimbursable Expenses include, but are not limited to, reprographic services, deliveries, and municipality fees.

10. This Agreement is to be governed by the Laws of Arizona.

11. This Proposal is valid for 60 calendar days.

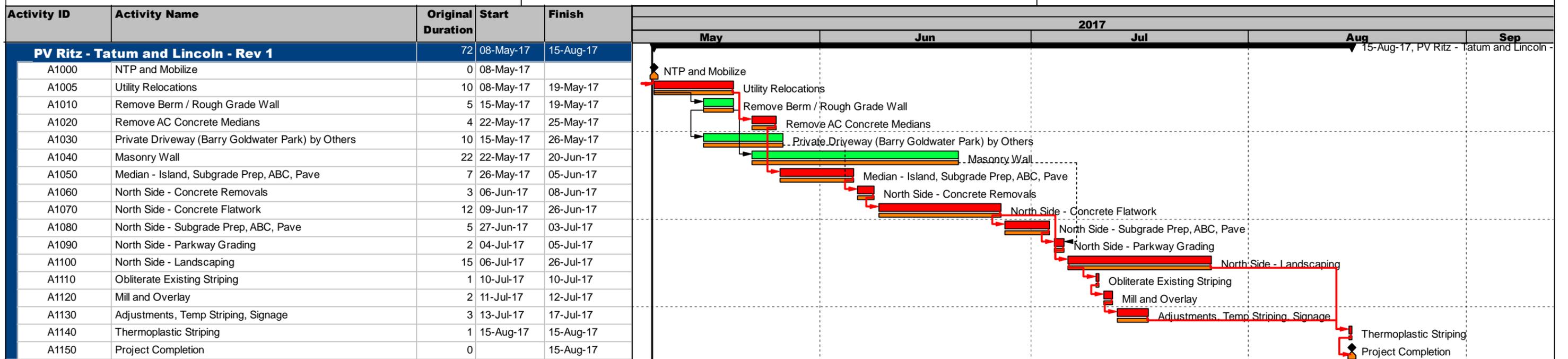
EXHIBIT C6: PROJECT SCHEDULE

March 2, 2017

**Roadway Improvements Related to the Ritz Carlton Development CMAR
GMP1 – Tatum Boulevard and Lincoln Drive
Town of Paradise Valley Proj. No. 2016-14 / Achen-Gardner Proj. No. 3526100**

See attached project schedule

EXHIBIT C6: GMP SCHEDULE REVISED



█ Actual Work
 █ Critical Remaining Work
 █ Remaining Work
 ▲ GMP Baseline Milestone
 ▬ GMP Baseline Schedule
 ◆ Milestone
 ▼ Summary

EXHIBIT C7: DIRECT COST REPORT

March 2, 2017

**Roadway Improvements Related to the Ritz Carlton Development CMAR
GMP1 – Tatum Boulevard and Lincoln Drive
Town of Paradise Valley Proj. No. 2016-14 / Achen-Gardner Proj. No. 3526100**

See attached Direct Cost Report

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 10 Description = MOBILIZATION											
		Land Item	SCHEDULE: 1	100	Unit = LS	Takeoff Quan:	1.000	Engr Quan:	1.000		
2031050	SUB - MOBILIZATION			Quan: 1.00 LS	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	WESST1 - MILLING SUB	1.00	1.00 EA	2,000.000						2,000	2,000
	PAVING MACHINE MOB	1.00	3.00 EA	800.000						2,400	2,400
	STRIPPING SUB MOB	1.00	1.00 EA	2,400.000						2,400	2,400
\$6,800.00				[]						6,800	6,800
										6,800.00	6,800.00
2102100	AGC EQUIPMENT MOBS			Quan: 8.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
<u>10TRAN</u>	AGE TRANSPORT		32.00 CH	Prod: 2.0000 US	Lab Pcs:	1.00	Eqp Pcs:	1.00			
	LOWBOY	1.00	32.00 HR	91.880			1,500	1,440	2,940		
	CDL OPERATOR	1.00	32.00 MH	19.750	1,081				1,081		
\$4,021.62	4.0000 MH/EA		32.0000MH	[79]	1,081		1,500	1,440	4,022		
4.0000	Shifts	2.0000 Un/Shift *	0.2500 Units/Hr		135.18		187.52	180.00	502.70		
2117040	END OF PROJECT CLEANUP			Quan: 1.00 DA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
<u>22GRDC</u>	GANNON/BACKHOE GRADING CREW		8.00 CH	Prod: 1.0000 S	Lab Pcs:	6.00	Eqp Pcs:	4.00			
	3-5 TON DUAL DRUM R		0.00 HR	19.450							
	CAT 314 EXCAVATOR	1.00	8.00 HR	44.000			240	112	352		
	BOBTAIL	1.00	8.00 HR	41.250			240	90	330		
	CASE 570M XT GANNO	1.00	8.00 HR	29.040			146	86	232		
	2000+ GAL WATERTRUC	1.00	8.00 HR	33.080			175	90	265		
	GENERAL LABOR/CLEA	2.00	16.00 MH	17.700	482				482		
	CDL OPERATOR	2.00	16.00 MH	19.750	541				541		
	GENERAL OPERATOR	1.00	8.00 MH	23.000	308				308		
	EXCAVATOR OPERATO	1.00	8.00 MH	25.000	332				332		
\$2,841.82	48.0000 MH/DA		48.0000MH	[983.2]	1,663		801	378	2,842		
1.0000	Shifts	* 1.0000 Un/Shift	0.1250 Units/Hr		1,662.86		801.36	377.60	2,841.82		
2117060	DUMP FEES FOR PROJECT CLEANUP			Quan: 2.00 LD	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	VEG/TRASH DUMP FEE	1.00	2.00 LD	400.000		800					
2185210	TRACKOUT PAD			Quan: 1.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
<u>10TRKO</u>	TRACKOUT ROCK CREW		4.00 CH	Prod: 2.0000 US	Lab Pcs:	1.00	Eqp Pcs:	1.00			

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 10											
Description = MOBILIZATION			Land Item	SCHEDULE: 1	100						
			Unit = LS	Takeoff	Quan:	1.000	Engr	Quan:	1.000		
	CEMINI - TRAC OUT RO	1.00	25.00 TN	19.900		498					498
	VOLVO L90 LOADER	1.00	4.00 HR	56.200				153	72		225
	LOADER/SCRAPER/CUR	1.00	4.00 MH	23.000	153						153
\$875.36	4.0000 MH/EA		4.0000MH	[92]	153	498		153	72		875
0.5000	Shifts		2.0000 Un/Shift *	0.2500 Units/Hr	153.06	497.50		152.80	72.00		875.36
2185220 CONCRETE WASHOUT											
				Quan:	1.00 EA	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	<u>10TRKO</u> TRACKOUT ROCK CREW		4.00 CH	Prod:	2.0000 US	Lab Pcs:	1.00	Eqp Pcs:	1.00		
	VOLVO L90 LOADER	1.00	4.00 HR	56.200				153	72		225
	LOADER/SCRAPER/CUR	1.00	4.00 MH	23.000	153						153
\$377.86	4.0000 MH/EA		4.0000MH	[92]	153			153	72		378
0.5000	Shifts		2.0000 Un/Shift *	0.2500 Units/Hr	153.06			152.80	72.00		377.86
====> Item Totals: 10 - MOBILIZATION											
\$15,716.66	88.0000 MH/LS		88.00MH	[1799.2]	3,050	1,298		2,607	1,962	6,800	15,717
15,716.660	1 LS				3,050.44	1,297.50		2,607.12	1,961.60	6,800.00	15,716.66

BID ITEM = 15											
Description = GENERAL CONDITIONS			Land Item	SCHEDULE: 1	100						
			Unit = MO	Takeoff	Quan:	2.500	Engr	Quan:	2.500		
2101100 PROJECT SUPERINTENDENT											
				Quan:	2.50 MO	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	<u>10SUPC</u> PROJECT SUPERINTENDENT CMAR		440.00 CH	Prod:	55.0000 S	Lab Pcs:	1.00	Eqp Pcs:	1.00		
	PICK UP SUPER/PM	1.00	440.00 HR	19.250				5,060	3,410		8,470
	CM@R PROJECT SUPERI	1.00	440.00 MH	62.680	41,322						41,322
\$49,792.27	176.0000 MH/MO		440.0000MH	[11031.68]	41,322			5,060	3,410		49,792
55.0000	Shifts *		0.0455 Un/Shift	0.0057 Units/Hr	16,528.91			2,024.00	1,364.00		19,916.91
2101101 PROJECT MANAGER											
				Quan:	2.50 MO	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	<u>10PMC</u> PROJECT MANAGER CMAR		440.00 CH	Prod:	55.0000 S	Lab Pcs:	0.25	Eqp Pcs:	0.25		
	PICK UP SUPER/PM	0.25	110.00 HR	19.250				1,265	853		2,118
	CM@R PROJECT MANA	0.25	110.00 MH	62.680	10,331						10,331
\$12,448.07	44.0000 MH/MO		110.0000MH	[2757.92]	10,331			1,265	853		12,448
55.0000	Shifts *		0.0455 Un/Shift	0.0057 Units/Hr	4,132.23			506.00	341.00		4,979.23

43,560
 \$49,792.27

12,160
 \$12,448.07

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
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BID ITEM = 15
 Description = GENERAL CONDITIONS
 Land Item SCHEDULE: 1 100
 Unit = MO Takeoff Quan: 2.500 Engr Quan: 2.500

2101110 ICE & WATER Quan: 2.50 MO Hrs/Shft: 8.00 Cal: 508 WC: NOWC

ICE & WATER 1.00 55.00 DA 10.000 550 550

2101210 FENCING Quan: 2.50 MO Hrs/Shft: 8.00 Cal: 508 WC: NOWC

JOBSITE FENCING 1.00 2.50 MO 500.000 1,250 1,250
 WORK AREA FENCING 1.00 2.50 MO 250.000 625 625
 \$1,875.00 [] 1,875 1,875
 750.00 750.00

2101220 FIELD TOILET - YARD Quan: 2.50 MO Hrs/Shft: 8.00 Cal: 508 WC: NOWC

FIELD TOILET 1.00 2.50 MO 150.000 375 375

2101500 BUY CONSTRUCTION WATER Quan: 2,000.00 MG Hrs/Shft: 8.00 Cal: 508 WC: NOWC

3" BFP RENTAL 1.00 2.50 MO 150.000 375 375
 CONSTRUCTION WATE 1.00 2,000.00 MG 0.250 500 500
 \$875.00 [] 875 875
 0.44 0.44

====> **Item Totals: 15 - GENERAL CONDITIONS**
 \$65,915.34 220.0000 MH/MO 550.00MH [13789.6] 51,653 3,675 6,325 4,263 ~~65,915~~
 26,366.136 2.5 MO 20,661.14 1,470.00 2,530.00 1,705.00 26,366.14 **59,335**

BID ITEM = 20
 Description = SWPPP (ALLOWANCE)
 Land Item SCHEDULE: 1 100
 Unit = AL Takeoff Quan: 1.000 Engr Quan: 1.000

2091030 SWPPP MINIMUM REQUIREMENTS Quan: 1.00 LS Hrs/Shft: 8.00 Cal: 508 WC: NOWC

SWPPP SUB 1.00 1.00 LS 1,500.000 1,500 1,500

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 30			Land Item	SCHEDULE: 1	100						
Description =	DUST CONTROL PERMIT			Unit = LS	Takeoff Quan:	1.000		Engr Quan:		1.000	
2108300	DUST PERMIT			Quan: 1.00 LS	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	DUST PERMIT FEE 1-10	1.00	1.00 LS	1,325.000			1,325				1,325
=====>	Item Totals: 30 - DUST CONTROL PERMIT										
\$1,325.00				[]			1,325				1,325
1,325.000	1 LS						1,325.00				1,325.00
BID ITEM = 40			Land Item	SCHEDULE: 1	100						
Description =	SURVEY & AS-BUILTS			Unit = LS	Takeoff Quan:	1.000		Engr Quan:		1.000	
2102300	SURVEYING			Quan: 1.00 LS	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	EPSGR1 - SURVEY SUB	1.10	1.10 LS	2,630.000						2,893	2,893
BID ITEM = 50			Land Item	SCHEDULE: 1	100						
Description =	MATERIAL TESTING			Unit = LS	Takeoff Quan:	1.000		Engr Quan:		1.000	
2102500	MATERIALS TESTING			Quan: 1.00 LS	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	NINMO1 - QUALITY CO	1.10	1.10 LS	6,967.000						7,664	7,664
BID ITEM = 60			Land Item	SCHEDULE: 1	100						
Description =	VMB (ALLOWANCE)			Unit = AL	Takeoff Quan:	1.000		Engr Quan:		1.000	
2101905	VMB			Quan: 112.00 DA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
4 boards for 4 weeks duration	SOUWBAR - TRAFFIC C	1.00	112.00 DA	41.000						4,592	4,592

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
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BID ITEM = 70 Land Item SCHEDULE: 1 100
 Description = TRAFFIC/PEDESTRIAN CONTROL Unit = LS Takeoff Quan: 1.000 Engr Quan: 1.000

2101900 TRAFFIC CONTROL Quan: 1.00 DA Hrs/Shft: 8.00 Cal: 508 WC: NOWC

	PEDESTRIAN CONTROL	1.09	61.04 DA	75.000						4,578	4,578
	SOUWBAR - LT LANE W	1.00	10.00 EA	150.000						1,500	1,500
	SOUWBAR - LT LANE@1	1.00	7.00 DA	112.000						855	855
	SOUWBAR - RT LANE@	1.00	27.00 DA	112.000						3,296	3,296
	SOUWBAR - RT LANE W	1.00	44.00 EA	150.000						6,600	6,600
	SOUWBAR - FOOTBAL@	1.00	13.00 DA	220.000						3,117	3,117
	SOUWBAR - FOOTBALL	1.00	26.00 EA	300.000						7,800	7,800
	SOUWBAR - TRAFFIC C	1.00	3.00 EA	50.000						150	150
\$27,896.12				[]						27,896	27,896
										27,896.12	27,896.12

2101905 TRAFFIC CONTROL MAINTENANCE Quan: 8.00 HR Hrs/Shft: 8.00 Cal: 508 WC: NOWC

<u>10TRAM</u>	TRAFFIC CONTROL MAINTENANCE		8.00 CH	Prod: 0.0000		Lab Pcs: 2.00	Eqp Pcs: 1.00				
	PICK UP SUPER/PM	1.00	8.00 HR	19.250			92	62			154
	GENERAL LABOR/CLEA	1.00	8.00 MH	17.700		241					241
	CDL OPERATOR	1.00	8.00 MH	19.750		270					270
\$665.49	2.0000 MH/HR		16.0000MH	[37.45]		511		92	62		665
1.0000 Shifts	8.0000 Un/Shift		1.0000 Units/Hr			63.94		11.50	7.75		83.19
=====>	Item Totals: 70 - TRAFFIC/PEDESTRIAN CONTROL										
\$28,561.61	16.0000 MH/LS		16.00MH	[299.6]		511		92	62	27,896	28,562
28,561.610	1 LS					511.49		92.00	62.00	27,896.12	28,561.61

BID ITEM = 80 Land Item SCHEDULE: 1 100
 Description = PUBLIC OUTREACH (ALLOWANCE) Unit = AL Takeoff Quan: 1.000 Engr Quan: 1.000

2091040 PUBLIC RELATIONS SUB Quan: 1.00 USD Hrs/Shft: 8.00 Cal: 508 WC: NOWC

	PUBLIC RELATIONS SU	1.00	1.00 USD	500.000						500	500
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Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 90 Description = OFF-DUTY OFFICER (ALLOWANCE) Land Item SCHEDULE: 1 100 Unit = AL Takeoff Quan: 1.000 Engr Quan: 1.000											
2101910	POLICE OFFICERS		Quan: 44.00 DA		Hrs/Shft: 8.00		Cal: 508	WC: NOWC			
	OFF DUTY POLICE OFFI	1.00	352.00 HR	50.000			17,600				17,600
=====> Item Totals: 90 - OFF-DUTY OFFICER (ALLOWANCE) \$17,600.00 [] 17,600 17,600.000 1 AL 17,600.00 17,600.00											
BID ITEM = 100 Description = CONST WATER & DUST CONTROL Land Item SCHEDULE: 1 100 Unit = LS Takeoff Quan: 1.000 Engr Quan: 1.000											
115030	BUY CONSTRUCTION WATER		Quan: 1.00 LS		Hrs/Shft: 8.00		Cal: 508	WC: NOWC			
	==> 2000+ GAL WATERT	1.00	40.00 HR	33.080				875	448		1,323
	CONSTRUCTION WATE	1.00	9,000.00 MG	0.250			2,250				2,250
	==> CDL OPERATOR	1.00	40.00 MH	19.750	1,352						1,352
\$4,925.02	40.0000 MH/LS		40.0000MH	[790]	1,352		2,250	875	448		4,925
					1,351.82		2,250.00	875.20	448.00		4,925.02
=====> Item Totals: 100 - CONST WATER & DUST CONTROL \$4,925.02 40.0000 MH/LS 40.00MH [790] 1,352 2,250 875 448 4,925 4,925.020 1 LS 1,351.82 2,250.00 875.20 448.00 4,925.02											
BID ITEM = 110 Description = SWEEPING (ALLOWANCE) Land Item SCHEDULE: 1 100 Unit = AL Takeoff Quan: 1.000 Engr Quan: 1.000											
117050	SWEEPING		Quan: 1.00 LS		Hrs/Shft: 8.00		Cal: 508	WC: NOWC			
<u>117100</u>	SWEEPER		128.00 CH	Prod: 0.0000		Lab Pcs:	0.00	Eqp Pcs:	1.00		
	RENT PICK UP SWEEPE	1.00	128.00 HR	85.000				10,880			10,880
=====> Item Totals: 110 - SWEEPING (ALLOWANCE) \$10,880.00 [] 10,880 10,880											

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
<hr/>											
BID ITEM = 110			Land Item	SCHEDULE: 1	100						
Description =	SWEEPING (ALLOWANCE)		Unit =	AL	Takeoff Quan:	1.000	Engr Quan:		1.000		
10,880.000	1 AL						10,880.00				10,880.00
<hr/>											
BID ITEM = 1110			Land Item	SCHEDULE: 1	100						
Description =	REMOVE AC PAVEMENT		Unit =	SY	Takeoff Quan:	200.000	Engr Quan:		200.000		
<hr/>											
610120	REMOVE ASPHALT (SLOW)			Quan:	225.00 SY	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
<u>6REMMO</u>	REMOVALS BKHOE/GANNON LOADER		8.00 CH	Prod:	28.1250 UH	Lab Pcs:	6.00	Eqp Pcs:	5.00		
	CAT 314 EXCAVATOR	1.00	8.00 HR	44.000				240	112		352
	VOLVO L90 LOADER	1.00	8.00 HR	56.200				306	144		450
	BOBTAIL	1.00	8.00 HR	41.250				240	90		330
	CASE 570M XT GANNO	1.00	8.00 HR	29.040				146	86		232
	2000+ GAL WATERTRUC	1.00	8.00 HR	33.080				175	90		265
	GENERAL LABOR/CLEA	1.00	8.00 MH	17.700		241					241
	CDL OPERATOR	2.00	16.00 MH	19.750		541					541
	GENERAL OPERATOR	1.00	8.00 MH	23.000		308					308
	LOADER/SCRAPER/CUR	1.00	8.00 MH	23.000		306					306
	EXCAVATOR OPERATO	1.00	8.00 MH	25.000		332					332
\$3,356.41	0.2133 MH/SY		48.0000MH	[4.558]		1,728		1,107	522		3,356
1.0000	Shifts	225.0000	Un/Shift	28.1250	Units/Hr	7.68		4.92	2.32		14.92
<hr/>											
680550	HAUL DEMO			Quan:	7.00 LD	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	END DUMP (25 TN)	1.00	11.20 HR	80.000				896			896
<hr/>											
680030	AC DUMP FEE			Quan:	7.00 LD	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	ASPHALT DUMP FEE	1.00	7.00 LD	40.000		280					280
<hr/>											
2021050	SAWCUTTING SUB			Quan:	1,000.00 LF	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	SAWCUT AC 6"	1.00	1,000.00 LF	1.200						1,200	1,200
<hr/>											
=====>	Item Totals:	1110	- REMOVE AC PAVEMENT								
\$5,732.41	0.2400	MH/SY	48.00MH	[5.128]		1,728	280	2,003	522	1,200	5,732
28.662	200	SY				8.64	1.40	10.01	2.61	6.00	28.66

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 1120 Description = REMOVE AC PAVEMENT - MILLING Land Item SCHEDULE: 1 100 Unit = SY Takeoff Quan: 592.000 Engr Quan: 592.000											
021030	MILL AC SUB		Quan: 564.00 SY		Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	WESST1 - MILL AC SUB	1.00	564.00 SY	10.460						5,899	5,899
BID ITEM = 1130 Description = REMOVE CONC.CURB (SINGLE, CURB&GUTTER, R Land Item SCHEDULE: 1 100 Unit = LF Takeoff Quan: 634.000 Engr Quan: 634.000											
680020	CONCRETE DUMP FEE		Quan: 5.00 LD		Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CONCRETE DUMP FEE	1.00	5.00 LD	40.000		200					200
680550	HAUL DEMO		Quan: 5.00 LD		Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	END DUMP (25 TN)	1.00	8.00 HR	80.000				640			640
605120	SAWCUT CONC VERTICAL CUT		Quan: 4.00 EA		Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	SAWCUTTING SUB	1.00	4.00 EA	25.000						100	100
2600022	REMOVE CURB		Quan: 631.00 LF		Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
<u>6REMMO</u>	REMOVALS BKHOE/GANNON LOADER		8.00 CH	Prod: 78.8750 UH	Lab Pcs:	6.00	Eqp Pcs:	5.00			
	CAT 314 EXCAVATOR	1.00	8.00 HR	44.000			240	112			352
	VOLVO L90 LOADER	1.00	8.00 HR	56.200			306	144			450
	BOBTAIL	1.00	8.00 HR	41.250			240	90			330
	CASE 570M XT GANNO	1.00	8.00 HR	29.040			146	86			232
	2000+ GAL WATERTRUC	1.00	8.00 HR	33.080			175	90			265
	GENERAL LABOR/CLEA	1.00	8.00 MH	17.700	241						241
	CDL OPERATOR	2.00	16.00 MH	19.750	541						541
	GENERAL OPERATOR	1.00	8.00 MH	23.000	308						308
	LOADER/SCRAPER/CUR	1.00	8.00 MH	23.000	306						306
	EXCAVATOR OPERATO	1.00	8.00 MH	25.000	332						332
\$3,356.41	0.0760 MH/LF		48.0000MH	[1.625]	1,728		1,107	522			3,356
1.0000	Shifts	631.0000	Un/Shift	78.8750	Units/Hr	*	2.74	1.75	0.83		5.32

=====> **Item Totals: 1130 - REMOVE CONC.CURB (SINGLE, CURB&GUTTER, R**

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 1130											
Description =	REMOVE CONC.CURB (SINGLE, CURB&GUTTER, R		Land Item	SCHEDULE: 1	100						
			Unit =	LF	Takeoff Quan:	634.000		Engr Quan:	634.000		
\$4,296.41	0.0757 MH/LF		48.00MH	[1.618]	1,728	200		1,747	522	100	4,296
6.777	634 LF				2.73	0.32		2.76	0.82	0.16	6.78
BID ITEM = 1140											
Description =	REMOVE CONC. SIDEWALK		Land Item	SCHEDULE: 1	100						
			Unit =	SF	Takeoff Quan:	1,378.000		Engr Quan:	1,378.000		
680550 HAUL DEMO											
			Quan:	3.00 LD	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC	
	END DUMP (25 TN)	1.00	7.00 HR		80.000				560		560
680020 CONCRETE DUMP FEE											
			Quan:	3.00 LD	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC	
	CONCRETE DUMP FEE	1.00	3.00 LD		40.000		120				120
2600025 RMV MISC CONC HAND											
			Quan:	1,300.00 SF	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC	
<u>6REMMO</u>	REMOVALS BKHOE/GANNON LOADER		6.00 CH	Prod:	216.6667 UH	Lab Pcs:	6.00	Eqp Pcs:	5.00		
	CAT 314 EXCAVATOR	1.00	6.00 HR		44.000			180	84		264
	VOLVO L90 LOADER	1.00	6.00 HR		56.200			229	108		337
	BOBTAIL	1.00	6.00 HR		41.250			180	68		248
	CASE 570M XT GANNO	1.00	6.00 HR		29.040			110	65		174
	2000+ GAL WATERTRUC	1.00	6.00 HR		33.080			131	67		198
	GENERAL LABOR/CLEA	1.00	6.00 MH		17.700	181					181
	CDL OPERATOR	2.00	12.00 MH		19.750	406					406
	GENERAL OPERATOR	1.00	6.00 MH		23.000	231					231
	LOADER/SCRAPER/CUR	1.00	6.00 MH		23.000	230					230
	EXCAVATOR OPERATO	1.00	6.00 MH		25.000	249					249
\$2,517.31	0.0276 MH/SF		36.0000MH	[0.592]	1,296			830	391		2,517
0.7500	Shifts		1,733.3333 Un/Shift		1.00			0.64	0.30		1.94
			216.6667 Units/Hr	*							
=====> Item Totals: 1140 - REMOVE CONC. SIDEWALK											
\$3,197.31	0.0261 MH/SF		36.00MH	[0.558]	1,296	120		1,390	391		3,197
2.320	1378 SF				0.94	0.09		1.01	0.28		2.32

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 1150											
Description =	REMOVE CONC. DRIVEWAY		Land Item	SCHEDULE: 1	100						
			Unit =	SF	Takeoff Quan:	141.000	Engr Quan:		141.000		
622030	RMV MISC CONC SLOW		Quan:	127.00 SF	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC	
<u>6REMMO</u>	REMOVALS BKHOE/GANNON LOADER		2.00 CH	Prod:	0.2500 S	Lab Pcs:	6.00	Eqp Pcs:	5.00		
	CAT 314 EXCAVATOR	1.00	2.00 HR	44.000				60	28		88
	VOLVO L90 LOADER	1.00	2.00 HR	56.200				76	36		112
	BOBTAIL	1.00	2.00 HR	41.250				60	23		83
	CASE 570M XT GANNO	1.00	2.00 HR	29.040				37	22		58
	2000+ GAL WATERTRUC	1.00	2.00 HR	33.080				44	22		66
	GENERAL LABOR/CLEA	1.00	2.00 MH	17.700	60						60
	CDL OPERATOR	2.00	4.00 MH	19.750	135						135
	GENERAL OPERATOR	1.00	2.00 MH	23.000	77						77
	LOADER/SCRAPER/CUR	1.00	2.00 MH	23.000	77						77
	EXCAVATOR OPERATO	1.00	2.00 MH	25.000	83						83
\$839.10	0.0944 MH/SF		12.0000MH	[2.019]	432			277	130		839
0.2500	Shifts *	508.0000	Un/Shift	63.5000	Units/Hr	3.40		2.18	1.03		6.61
680550	HAUL DEMO		Quan:	0.50 LD	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC	
	END DUMP (25 TN)	1.00	1.00 HR	80.000				80			80
680020	CONCRETE DUMP FEE		Quan:	0.50 LD	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC	
	CONCRETE DUMP FEE	1.00	0.50 LD	40.000			20				20
=====>	Item Totals:	1150	- REMOVE CONC. DRIVEWAY								
\$939.10	0.0851 MH/SF		12.00MH	[1.818]	432	20		357	130		939
6.660	141 SF				3.06	0.14		2.53	0.92		6.66
BID ITEM = 1160											
Description =	RMV CONC. HEADER CURB		Land Item	SCHEDULE: 1	100						
			Unit =	LF	Takeoff Quan:	56.000	Engr Quan:		56.000		
622020	RMV MISC CONC MAINLINE		Quan:	56.00 LF	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC	
<u>6REMMO</u>	REMOVALS BKHOE/GANNON LOADER		1.00 CH	Prod:	448.0000 US	Lab Pcs:	6.00	Eqp Pcs:	5.00		
	CAT 314 EXCAVATOR	1.00	1.00 HR	44.000				30	14		44
	VOLVO L90 LOADER	1.00	1.00 HR	56.200				38	18		56

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 1160											
Description =	RMV CONC. HEADER CURB		Land Item	SCHEDULE: 1	100						
			Unit =	LF	Takeoff Quan:	56.000	Engr Quan:		56.000		
	BOBTAIL	1.00	1.00 HR	41.250				30	11		41
	CASE 570M XT GANNO	1.00	1.00 HR	29.040				18	11		29
	2000+ GAL WATERTRUC	1.00	1.00 HR	33.080				22	11		33
	GENERAL LABOR/CLEA	1.00	1.00 MH	17.700	30						30
	CDL OPERATOR	2.00	2.00 MH	19.750	68						68
	GENERAL OPERATOR	1.00	1.00 MH	23.000	39						39
	LOADER/SCRAPER/CUR	1.00	1.00 MH	23.000	38						38
	EXCAVATOR OPERATO	1.00	1.00 MH	25.000	41						41
\$419.54	0.1071 MH/LF		6.0000MH	[2.289]	216			138	65		420
0.1250	Shifts	448.0000	Un/Shift *	56.0000	Units/Hr	3.86		2.47	1.16		7.49
680020	CONCRETE DUMP FEE			Quan: 0.50 LD	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CONCRETE DUMP FEE	1.00	0.50 LD	40.000		20					20
680550	HAUL DEMO			Quan: 0.42 LD	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	END DUMP (25 TN)	1.00	1.00 HR	80.000				80			80
605120	SAWCUT CONC VERTICAL CUT			Quan: 2.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	SAWCUTTING SUB	1.00	2.00 EA	25.000						50	50
=====>	Item Totals: 1160 - RMV CONC. HEADER CURB										
\$569.54	0.1071 MH/LF		6.00MH	[2.289]	216	20		218	65	50	570
10.170	56 LF				3.86	0.36		3.90	1.16	0.89	10.17

BID ITEM = 2010											
Description =	SUBGRADE PREP		Land Item	SCHEDULE: 1	100						
			Unit =	SY	Takeoff Quan:	385.000	Engr Quan:		385.000		
210070	EXC TO STOCKPILE			Quan: 480.05 CY	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
<u>22SBGR</u>	SUBGRADE MAINLINE		16.00	CH	Prod: 30.0031 UH	Lab Pcs:	4.00	Eqp Pcs:	4.00		
	PNEUMATIC 14 TN MON	1.00	16.00	HR	28.095			262	187		450
	CAT 314 EXCAVATOR	1.00	16.00	HR	44.000			480	224		704
	VOLVO L90 LOADER	1.00	16.00	HR	56.200			611	288		899
	2000+ GAL WATERTRUC	1.00	16.00	HR	33.080			350	179		529

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2010											
Description =	SUBGRADE PREP		Land Item	SCHEDULE: 1	100						
			Unit =	SY	Takeoff	385.000	Engr	385.000	Quan:		
	CDL OPERATOR	1.00	16.00 MH	19.750	541						541
	GENERAL OPERATOR	1.00	16.00 MH	23.000	617						617
	LOADER/SCRAPER/CUR	1.00	16.00 MH	23.000	612						612
	EXCAVATOR OPERATO	1.00	16.00 MH	25.000	663						663
\$5,014.71	0.1333 MH/CY		64.0000MH	[3.025]	2,433			1,704	878		5,015
2.0000	Shifts	240.0250	Un/Shift	30.0031	Units/Hr	*		3.55	1.83		10.45
250950 LOAD W/VOLVO L90											
				Quan:	480.05	CY	Hrs/Shift:	8.00	Cal:	508	WC: NOWC
<u>22L90L</u>	LOAD TRUCKS W/VOLVO L90		8.00 CH	Prod:	60.0063	UH	Lab Pcs:	2.00	Eqp Pcs:	2.00	
	VOLVO L90 LOADER	1.00	8.00 HR	56.200				306	144		450
	2000+ GAL WATERTRUC	1.00	8.00 HR	33.080				175	90		265
	CDL OPERATOR	1.00	8.00 MH	19.750	270						270
	LOADER/SCRAPER/CUR	1.00	8.00 MH	23.000	306						306
\$1,290.72	0.0333 MH/CY		16.0000MH	[0.712]	576			481	234		1,291
1.0000	Shifts	480.0500	Un/Shift	60.0063	Units/Hr	*		1.00	0.49		2.69
222010 SUBGRADE PREP (MAINLINE)											
				Quan:	385.00	SY	Hrs/Shift:	8.00	Cal:	508	WC: NOWC
<u>22SBGR</u>	SUBGRADE MAINLINE		12.00 CH	Prod:	32.0833	UH	Lab Pcs:	4.00	Eqp Pcs:	4.00	
	PNEUMATIC 14 TN MON	1.00	12.00 HR	28.095				197	140		337
	CAT 314 EXCAVATOR	1.00	12.00 HR	44.000				360	168		528
	VOLVO L90 LOADER	1.00	12.00 HR	56.200				458	216		674
	2000+ GAL WATERTRUC	1.00	12.00 HR	33.080				263	134		397
	CDL OPERATOR	1.00	12.00 MH	19.750	406						406
	GENERAL OPERATOR	1.00	12.00 MH	23.000	462						462
	LOADER/SCRAPER/CUR	1.00	12.00 MH	23.000	459						459
	EXCAVATOR OPERATO	1.00	12.00 MH	25.000	497						497
\$3,761.04	0.1246 MH/SY		48.0000MH	[2.829]	1,825			1,278	659		3,761
1.5000	Shifts	256.6667	Un/Shift	32.0833	Units/Hr	*		3.32	1.71		9.77
223010 PARKWAY GRADING (MAINLINE)											
				Quan:	890.01	SY	Hrs/Shift:	8.00	Cal:	508	WC: NOWC
<u>22PGHA</u>	PARKWAY GRADE HAND		8.00 CH	Prod:	111.2513	UH	Lab Pcs:	4.00	Eqp Pcs:	2.00	
	CASE 570M XT GANNO	1.00	8.00 HR	29.040				146	86		232
	2000+ GAL WATERTRUC	1.00	8.00 HR	33.080				175	90		265
	GENERAL LABOR/CLEA	2.00	16.00 MH	17.700	482						482
	CDL OPERATOR	1.00	8.00 MH	19.750	270						270
	GENERAL OPERATOR	1.00	8.00 MH	23.000	308						308

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2010											
Description = SUBGRADE PREP			Land Item	SCHEDULE: 1	100						
			Unit = SY	Takeoff	Quan:	385.000	Engr	Quan:	385.000		
\$1,557.85	0.0359 MH/SY		32.0000MH	[0.702]	1,061			321	176		1,558
1.0000 Shifts	890.0100 Un/Shift		111.2513 Units/Hr	*	1.19			0.36	0.20		1.75
260210	HAUL EXCESS			Quan:	39.00 LD	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	DIRT DUMP FEE	1.00	39.00 LD	30.000		1,170					1,170
	SUPER 16 (25 TN)	1.00	39.00 HR	85.000				3,315			3,315
\$4,485.00				[]		1,170		3,315			4,485
						30.00		85.00			115.00
=====> Item Totals: 2010 - SUBGRADE PREP											
\$16,109.32	0.4155 MH/SY		160.00MH	[9.112]	5,895	1,170		7,098	1,946		16,109
41.842	385 SY				15.31	3.04		18.44	5.06		41.84
BID ITEM = 2020											
Description = AC PVMNT SECT. 1 - 6" AC OVER 8" ABC			Land Item	SCHEDULE: 1	100						
			Unit = SY	Takeoff	Quan:	385.000	Engr	Quan:	385.000		
410011	BUY ASPHALT			Quan:	120.00 TN	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	VULMA1 - AC A 12.5 MM	1.05	63.00 TN	68.750		4,331					4,331
	VULMA1 - AC A 19 MM	1.05	63.00 TN	68.250		4,300					4,300
\$8,631.00				[]		8,631					8,631
						71.93					71.93
310005	BUY ROADWAY ABC			Quan:	150.00 TN	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	CEMIN1 - ABC MAG	1.10	165.00 TN	12.200		2,013					2,013
310010	PLACE ABC			Quan:	150.00 TN	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
<u>22GRDC</u>	GANNON/BACKHOE GRADING CREW		8.00 CH	Prod:	18.7500 UH	Lab Pcs:	7.00	Eqp Pcs:	5.00		
	3-5 TON DUAL DRUM R	1.00	8.00 HR	19.450				96	60		156
	CAT 314 EXCAVATOR	1.00	8.00 HR	44.000				240	112		352
	BOBTAIL	1.00	8.00 HR	41.250				240	90		330
	CASE 570M XT GANNO	1.00	8.00 HR	29.040				146	86		232
	2000+ GAL WATERTRUC	1.00	8.00 HR	33.080				175	90		265
	GENERAL LABOR/CLEA	2.00	16.00 MH	17.700		482					482

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2020											
Description =	AC PVMNT SECT. 1 - 6" AC OVER 8" ABC		Land Item	SCHEDULE: 1 100	Unit = SY	Takeoff	Quan: 385.000	Engr Quan:		385.000	
	CDL OPERATOR	2.00	16.00 MH	19.750	541						541
	GENERAL OPERATOR	2.00	16.00 MH	23.000	617						617
	EXCAVATOR OPERATO	1.00	8.00 MH	25.000	332						332
\$3,305.69	0.3733 MH/TN		56.0000MH	[7.781]	1,971			897	438		3,306
1.0000	Shifts	150.0000	Un/Shift	18.7500	Units/Hr	*		5.98	2.92		22.04
311010 FINISH ABC											
				Quan: 354.00 SY	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
<u>22GRDC</u>	GANNON/BACKHOE GRADING CREW		4.00 CH	Prod: 88.5000 UH	Lab Pcs:	7.00	Eqp Pcs:	5.00			
	3-5 TON DUAL DRUM R	1.00	4.00 HR	19.450			48	30			78
	CAT 314 EXCAVATOR	1.00	4.00 HR	44.000			120	56			176
	BOBTAIL	1.00	4.00 HR	41.250			120	45			165
	CASE 570M XT GANNO	1.00	4.00 HR	29.040			73	43			116
	2000+ GAL WATERTRUC	1.00	4.00 HR	33.080			88	45			132
	GENERAL LABOR/CLEA	2.00	8.00 MH	17.700	241						241
	CDL OPERATOR	2.00	8.00 MH	19.750	270						270
	GENERAL OPERATOR	2.00	8.00 MH	23.000	308						308
	EXCAVATOR OPERATO	1.00	4.00 MH	25.000	166						166
\$1,652.84	0.0790 MH/SY		28.0000MH	[1.649]	986		448	219			1,653
0.5000	Shifts	708.0000	Un/Shift	88.5000	Units/Hr	*	2.78	1.27	0.62		4.67
031100 TACK COAT											
				Quan: 1.00 TN	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	TACK COAT SUB	1.00	1.00 TN	565.000						565	565
410020 AC PAVING											
				Quan: 120.06 TN	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
<u>410110</u>	SUB PAVER W/KOL-KAL		20.00 CH	Prod: 6.0030 UH	Lab Pcs:	2.00	Eqp Pcs:	2.00			
	PICK UP SUPER/PM	1.00	20.00 HR	19.250			230	155			385
	==> RENTAL LAYDOWN	1.00	16.00 HR	750.000				12,000			12,000
	2000+ GAL WATERTRUC	1.00	20.00 HR	33.080			438	224			662
	CDL OPERATOR	1.00	20.00 MH	19.750	676						676
	FOREMAN GRD/AC/UND	1.00	20.00 MH	36.000	1,158						1,158
\$14,880.64	0.3331 MH/TN		40.0000MH	[9.287]	1,834		668	12,379			14,881
2.5000	Shifts	48.0240	Un/Shift	6.0030	Units/Hr	*	15.28	5.56	103.11		123.94
=====> Item Totals: 2020 - AC PVMNT SECT. 1 - 6" AC OVER 8" ABC											
\$31,048.17	0.3220 MH/SY		124.00MH	[7.444]	4,791	10,644	2,013	13,035	565		31,048
80.645	385 SY				12.44	27.65	5.23	33.86	1.47		80.64

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2030 Description = CONC. PVMNT SECT 2 - 9"CONC OVER 5"ABC Land Item SCHEDULE: 1 100 Unit = SY Takeoff Quan: 52.000 Engr Quan: 52.000											
2904010 INSTALL PCCP / BUSBAY											
Quan: 57.00 SY Hrs/Shft: 8.00 Cal: 508 WC: NOWC											
923050	FORM/POUR SW,VG,SLABS		8.00 CH	Prod: 1.0000 S		Lab Pcs: 8.00		Eqp Pcs: 2.00			
	PICK UP SUPER/PM	1.00	8.00 HR	19.250				92	62		154
	FORM TRUCK	1.00	8.00 HR	19.250				50	104		154
	SKILLED LABOR	1.00	8.00 MH	19.500	267						267
	CONCRETE FINISHER	6.00	48.00 MH	21.000	1,688						1,688
	FOREMAN GRD/AC/UND	1.00	8.00 MH	36.000	463						463
\$2,726.49	1.1228 MH/SY		64.0000MH	[25.474]	2,418			142	166		2,726
1.0000	Shifts *	57.0000	Un/Shift	7.1250	Units/Hr	42.43		2.49	2.91		47.83
2903010 SW/RAMP/DWY/VG GRADE											
Quan: 57.00 SY Hrs/Shft: 8.00 Cal: 508 WC: NOWC											
22GRDC	GANNON/BACKHOE GRADING CREW		4.00 CH	Prod: 0.5000 S		Lab Pcs: 7.00		Eqp Pcs: 5.00			
	3-5 TON DUAL DRUM R	1.00	4.00 HR	19.450				48	30		78
	CAT 314 EXCAVATOR	1.00	4.00 HR	44.000				120	56		176
	BOBTAIL	1.00	4.00 HR	41.250				120	45		165
	CASE 570M XT GANNO	1.00	4.00 HR	29.040				73	43		116
	2000+ GAL WATERTRUC	1.00	4.00 HR	33.080				88	45		132
	GENERAL LABOR/CLEA	2.00	8.00 MH	17.700	241						241
	CDL OPERATOR	2.00	8.00 MH	19.750	270						270
	GENERAL OPERATOR	2.00	8.00 MH	23.000	308						308
	EXCAVATOR OPERATO	1.00	4.00 MH	25.000	166						166
\$1,652.84	0.4912 MH/SY		28.0000MH	[10.239]	986			448	219		1,653
0.5000	Shifts *	114.0000	Un/Shift	14.2500	Units/Hr	17.29		7.87	3.84		29.00
2901210 BUY MISC MAT 1 FOR SW/RAMPS/DW/VG											
Quan: 57.00 SY Hrs/Shft: 8.00 Cal: 508 WC: NOWC											
	CURE	1.00	548.08 SF	0.060				33			33
	EXPANSION MATL	1.00	179.77 LF	0.500				90			90
\$122.77				[]				123			123
								2.15			2.15
2901010 BUY FLATWORK CONCRETE											
Quan: 15.35 CY Hrs/Shft: 8.00 Cal: 508 WC: NOWC											
	ARIMA1 - MAG AA CON	1.00	15.35 CY	78.000		1,197					1,197

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2030 Land Item SCHEDULE: 1 100 Description = CONC. PVMNT SECT 2 - 9"CONC OVER 5"ABC Unit = SY Takeoff Quan: 52.000 Engr Quan: 52.000											
2300010	BUY ABC ROADWAY		Quan: 16.44 TN		Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CEMIN1 - ABC MAG	1.00	16.44 TN	12.200		201					201
2300005	PLACE/FINISH ABC HAND		Quan: 57.00 SY		Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
<u>22GRDC</u>	GANNON/BACKHOE GRADING CREW		4.00 CH	Prod: 0.5000 S	Lab Pcs:	7.00	Eqp Pcs:	5.00			
	3-5 TON DUAL DRUM R	1.00	4.00 HR	19.450			48	30			78
	CAT 314 EXCAVATOR	1.00	4.00 HR	44.000			120	56			176
	BOBTAIL	1.00	4.00 HR	41.250			120	45			165
	CASE 570M XT GANNO	1.00	4.00 HR	29.040			73	43			116
	2000+ GAL WATERTRUC	1.00	4.00 HR	33.080			88	45			132
	GENERAL LABOR/CLEA	2.00	8.00 MH	17.700	241						241
	CDL OPERATOR	2.00	8.00 MH	19.750	270						270
	GENERAL OPERATOR	2.00	8.00 MH	23.000	308						308
	EXCAVATOR OPERATO	1.00	4.00 MH	25.000	166						166
\$1,652.84	0.4912 MH/SY		28.0000MH	[10.239]	986		448	219			1,653
0.5000	Shifts * 114.0000 Un/Shift		14.2500 Units/Hr		17.29		7.87	3.84			29.00
=====>	Item Totals: 2030 - CONC. PVMNT SECT 2 - 9"CONC OVER 5"ABC										
\$7,552.81	2.3076 MH/SY		120.00MH	[50.369]	4,390	1,398	123	1,039	604		7,553
145.246	52 SY				84.42	26.88	2.36	19.98	11.61		145.25

BID ITEM = 2035 Land Item SCHEDULE: 1 100 Description = 5" CONCRETE PAVEMENT, CLASS B, SAN DIEGO Unit = SY Takeoff Quan: 40.000 Engr Quan: 40.000											
2904010	INSTALL PCCP / BUSBAY		Quan: 40.00 SY		Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
<u>923050</u>	FORM/POUR SW,VG,SLABS		4.00 CH	Prod: 0.5000 S	Lab Pcs:	8.00	Eqp Pcs:	2.00			
	PICK UP SUPER/PM	1.00	4.00 HR	19.250			46	31			77
	FORM TRUCK	1.00	4.00 HR	19.250			25	52			77
	SKILLED LABOR	1.00	4.00 MH	19.500	134						134
	CONCRETE FINISHER	6.00	24.00 MH	21.000	844						844
	FOREMAN GRD/AC/UND	1.00	4.00 MH	36.000	232						232
\$1,363.25	0.8000 MH/SY		32.0000MH	[18.15]	1,209		71	83			1,363
0.5000	Shifts * 80.0000 Un/Shift		10.0000 Units/Hr		30.23		1.78	2.08			34.08

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2035 Land Item SCHEDULE: 1 100 Description = 5" CONCRETE PAVEMENT, CLASS B, SAN DIEGO Unit = SY Takeoff Quan: 40.000 Engr Quan: 40.000											
2903010	SW/RAMP/DWY/VG GRADE		Quan: 40.00 SF		Hrs/Shft: 8.00		Cal: 508	WC: NOWC			
<u>22GRDC</u>	GANNON/BACKHOE GRADING CREW		4.00 CH	Prod: 0.5000 S	Lab Pcs:	7.00	Eqp Pcs:	5.00			
	3-5 TON DUAL DRUM R	1.00	4.00 HR	19.450			48	30			78
	CAT 314 EXCAVATOR	1.00	4.00 HR	44.000			120	56			176
	BOBTAIL	1.00	4.00 HR	41.250			120	45			165
	CASE 570M XT GANNO	1.00	4.00 HR	29.040			73	43			116
	2000+ GAL WATERTRUC	1.00	4.00 HR	33.080			88	45			132
	GENERAL LABOR/CLEA	2.00	8.00 MH	17.700	241						241
	CDL OPERATOR	2.00	8.00 MH	19.750	270						270
	GENERAL OPERATOR	2.00	8.00 MH	23.000	308						308
	EXCAVATOR OPERATO	1.00	4.00 MH	25.000	166						166
\$1,652.84	0.7000 MH/SF		28.0000MH	[14.59]	986		448	219			1,653
0.5000	Shifts *	80.0000	Un/Shift	10.0000	Units/Hr	24.64	11.21	5.47			41.32
2901210	BUY MISC MAT 1 FOR SW/RAMPS/DW/VG		Quan: 40.00 SY		Hrs/Shft: 8.00		Cal: 508	WC: NOWC			
	CURE	1.00	384.80 SF	0.060			23				23
	EXPANSION MATL	1.00	126.00 LF	0.500			63				63
\$86.09				[]			86				86
							2.15				2.15
2901010	BUY FLATWORK CONCRETE		Quan: 5.75 CY		Hrs/Shft: 8.00		Cal: 508	WC: NOWC			
	COLOR PER YARD FOR	1.10	6.32 CY	32.750			207				207
	COLOR WASHOUT PER	1.00	1.00 LD	25.000			25				25
	MAG AA CONCRETE	1.10	6.33 CY	78.000			494				494
\$725.72				[]			726				726
							126.21				126.21
=====>	Item Totals:	2035	- 5" CONCRETE PAVEMENT, CLASS B, SAN DIEGO								
\$3,827.90		1.5000	MH/SY	60.00MH	[32.74]	2,195	726	86	519	302	3,828
95.698		40	SY			54.87	18.14	2.15	12.99	7.55	95.70

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2040 Description = 6" CURB AND GUTTER PER MAG 220-"A"											
		Land Item	SCHEDULE: 1	100							
			Unit = LF	Takeoff Quan:		241.000		Engr Quan:		241.000	
901010 BUY FLATWORK CONCRETE Quan: 12.84 CY Hrs/Shft: 8.00 Cal: 508 WC: NOWC											
	ARIMA1 - COLOR PER C	1.00	12.84 CY	26.500		340					340
	ARIMA1 - MAG B CONC	1.00	12.84 CY	72.000		924					924
\$1,264.74				[]		1,265					1,265
						98.50					98.50
901110 BUY MISC MAT 1 CURB CREW Quan: 0.99 LS Hrs/Shft: 8.00 Cal: 508 WC: NOWC											
	CURE	1.00	595.98 SF	0.060				36			36
	EXPANSION MATL	1.00	4.95 EA	15.000				74			74
	FORM OIL	1.00	715.77 SF	0.020				14			14
\$124.33				[]				124			124
								125.59			125.59
902010 GRADE FOR CURB Quan: 239.00 LF Hrs/Shft: 8.00 Cal: 508 WC: NOWC											
<u>22GRDC</u>	GANNON/BACKHOE GRADING CREW		2.00 CH	Prod: 956.0000 US		Lab Pcs: 7.00		Eqp Pcs: 5.00			
	3-5 TON DUAL DRUM R	1.00	2.00 HR	19.450				24	15		39
	CAT 314 EXCAVATOR	1.00	2.00 HR	44.000				60	28		88
	BOBTAIL	1.00	2.00 HR	41.250				60	23		83
	CASE 570M XT GANNO	1.00	2.00 HR	29.040				37	22		58
	2000+ GAL WATERTRUC	1.00	2.00 HR	33.080				44	22		66
	GENERAL LABOR/CLEA	2.00	4.00 MH	17.700		121					121
	CDL OPERATOR	2.00	4.00 MH	19.750		135					135
	GENERAL OPERATOR	2.00	4.00 MH	23.000		154					154
	EXCAVATOR OPERATO	1.00	2.00 MH	25.000		83					83
\$826.42	0.0585 MH/LF		14.0000MH	[1.221]		493		224	109		826
0.2500	Shifts	956.0000	Un/Shift *	119.5000	Units/Hr	2.06		0.94	0.46		3.46
902110 VERT CURB HAND Quan: 239.00 LF Hrs/Shft: 8.00 Cal: 508 WC: NOWC											
<u>923030</u>	HANDSET CURB		12.00 CH	Prod: 159.3333 US		Lab Pcs: 8.00		Eqp Pcs: 2.00			
	PICK UP SUPER/PM	1.00	12.00 HR	19.250				138	93		231
	FORM TRUCK	1.00	12.00 HR	19.250				75	156		231
	SKILLED LABOR	1.00	12.00 MH	19.500		401					401
	CONCRETE FINISHER	6.00	72.00 MH	21.000		2,532					2,532
	FOREMAN GRD/AC/UND	1.00	12.00 MH	36.000		695					695

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2040			Land Item	SCHEDULE: 1	100						
Description =	6" CURB AND GUTTER PER MAG 220-"A"		Unit =	LF	Takeoff Quan:	241.000		Engr Quan:	241.000		
\$4,089.74	0.4016 MH/LF		96.0000MH	[9.113]	3,628			213	249		4,090
1.5000 Shifts	159.3333 Un/Shift *		19.9167 Units/Hr		15.18			0.89	1.04		17.11
=====> Item Totals:	2040 - 6" CURB AND GUTTER PER MAG 220-"A"										
\$6,305.23	0.4564 MH/LF		110.00MH	[10.248]	4,121	1,265	124	437	358		6,305
26.163	241 LF				17.10	5.25	0.52	1.81	1.49		26.16

BID ITEM = 2050			Land Item	SCHEDULE: 1	100						
Description =	SINGLE CURB MAG 222 - "A" H=4"		Unit =	LF	Takeoff Quan:	208.000		Engr Quan:	208.000		
901010	BUY FLATWORK CONCRETE			Quan:	7.88 CY	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	ARIMA1 - COLOR PER C	1.00	7.88 CY	26.500		209					209
	ARIMA1 - MAG B CONC	1.00	7.88 CY	72.000		567					567
\$776.18				[]		776					776
						98.50					98.50

901110	BUY MISC MAT 1 CURB CREW			Quan:	0.99 LS	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	CURE	1.00	205.92 SF	0.060				12			12
	EXPANSION MATL	1.00	3.96 EA	15.000				59			59
	FORM OIL	1.00	205.92 SF	0.020				4			4
\$75.88				[]				76			76
								76.65			76.65

902010	GRADE FOR CURB			Quan:	205.00 LF	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
<u>22GRDC</u>	GANNON/BACKHOE GRADING CREW		2.00 CH	Prod:	820.0000 US	Lab Pcs:	7.00	Eqp Pcs:	5.00		
	3-5 TON DUAL DRUM R	1.00	2.00 HR	19.450				24	15		39
	CAT 314 EXCAVATOR	1.00	2.00 HR	44.000				60	28		88
	BOBTAIL	1.00	2.00 HR	41.250				60	23		83
	CASE 570M XT GANNO	1.00	2.00 HR	29.040				37	22		58
	2000+ GAL WATERTRUC	1.00	2.00 HR	33.080				44	22		66
	GENERAL LABOR/CLEA	2.00	4.00 MH	17.700		121					121
	CDL OPERATOR	2.00	4.00 MH	19.750		135					135
	GENERAL OPERATOR	2.00	4.00 MH	23.000		154					154
	EXCAVATOR OPERATO	1.00	2.00 MH	25.000		83					83

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2050											
Description = SINGLE CURB MAG 222 - "A" H=4"			Land Item	SCHEDULE: 1	100						
			Unit = LF	Takeoff Quan:	208.000		Engr Quan:	208.000			
\$826.42	0.0682 MH/LF		14.0000MH	[1.423]	493			224	109		826
0.2500	Shifts	820.0000	Un/Shift *	102.5000	Units/Hr	2.40		1.09	0.53		4.03
902110 VERT CURB HAND											
Quan: 205.00 LF Hrs/Shft: 8.00 Cal: 508 WC: NOWC											
<u>923030</u>	HANDSET CURB		8.00	CH	Prod: 205.0000 US	Lab Pcs:	8.00	Eqp Pcs:	2.00		
	PICK UP SUPER/PM	1.00	8.00	HR	19.250			92	62		154
	FORM TRUCK	1.00	8.00	HR	19.250			50	104		154
	SKILLED LABOR	1.00	8.00	MH	19.500	267					267
	CONCRETE FINISHER	6.00	48.00	MH	21.000	1,688					1,688
	FOREMAN GRD/AC/UND	1.00	8.00	MH	36.000	463					463
\$2,726.49	0.3121 MH/LF		64.0000MH	[7.083]	2,418			142	166		2,726
1.0000	Shifts	205.0000	Un/Shift *	25.6250	Units/Hr	11.80		0.69	0.81		13.30
=====> Item Totals: 2050 - SINGLE CURB MAG 222 - "A" H=4"											
\$4,404.97	0.3750 MH/LF		78.00MH	[8.384]	2,911	776	76	366	275		4,405
21.178	208 LF				14.00	3.73	0.36	1.76	1.32		21.18

BID ITEM = 2053											
Description = SINGLE CURB MAG 222 "B" H=12"			Land Item	SCHEDULE: 1	100						
			Unit = LF	Takeoff Quan:	21.000		Engr Quan:	21.000			
901010 BUY FLATWORK CONCRETE											
Quan: 1.00 CY Hrs/Shft: 8.00 Cal: 508 WC: NOWC											
	COLOR WASHOUT PER	1.00	1.00	LD	25.000	25					25
	COLOR PER CY	1.00	1.00	CY	26.500	27					27
	MAG B CONCRETE	1.00	1.00	CY	72.000	72					72
\$123.50				[]		124					124
						123.50					123.50

901110 BUY MISC MAT 1 CURB CREW											
Quan: 1.00 LS Hrs/Shft: 8.00 Cal: 508 WC: NOWC											
	CURE	1.00	208.00	SF	0.060			12			12
	EXPANSION MATL	1.00	4.00	EA	15.000			60			60
	FORM OIL	1.00	208.00	SF	0.020			4			4
\$76.64				[]				77			77
						76.64					76.64

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2053 Land Item SCHEDULE: 1 100 Description = SINGLE CURB MAG 222 "B" H=12" Unit = LF Takeoff Quan: 21.000 Engr Quan: 21.000											
902010	GRADE FOR CURB				Quan: 21.00 LF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC			
<u>22GRDC</u>	GANNON/BACKHOE GRADING CREW		0.50 CH	Prod: 336.0000 US		Lab Pcs:	7.00	Eqp Pcs:	5.00		
	3-5 TON DUAL DRUM R	1.00	0.50 HR	19.450				6	4		10
	CAT 314 EXCAVATOR	1.00	0.50 HR	44.000				15	7		22
	BOBTAIL	1.00	0.50 HR	41.250				15	6		21
	CASE 570M XT GANNO	1.00	0.50 HR	29.040				9	5		15
	2000+ GAL WATERTRUC	1.00	0.50 HR	33.080				11	6		17
	GENERAL LABOR/CLEA	2.00	1.00 MH	17.700	30						30
	CDL OPERATOR	2.00	1.00 MH	19.750	34						34
	GENERAL OPERATOR	2.00	1.00 MH	23.000	39						39
	EXCAVATOR OPERATO	1.00	0.50 MH	25.000	21						21
\$206.59	0.1666 MH/LF		3.5000MH	[3.474]	123			56	27		207
0.0625	Shifts	336.0000 Un/Shift *	42.0000 Units/Hr		5.87			2.67	1.30		9.84
902110	VERT CURB HAND				Quan: 21.00 LF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC			
<u>923030</u>	HANDSET CURB		1.00 CH	Prod: 168.0000 US		Lab Pcs:	8.00	Eqp Pcs:	2.00		
	PICK UP SUPER/PM	1.00	1.00 HR	19.250				12	8		19
	FORM TRUCK	1.00	1.00 HR	19.250				6	13		19
	SKILLED LABOR	1.00	1.00 MH	19.500	33						33
	CONCRETE FINISHER	6.00	6.00 MH	21.000	211						211
	FOREMAN GRD/AC/UND	1.00	1.00 MH	36.000	58						58
\$340.81	0.3809 MH/LF		8.0000MH	[8.643]	302			18	21		341
0.1250	Shifts	168.0000 Un/Shift *	21.0000 Units/Hr		14.40			0.85	0.99		16.23
=====>	Item Totals:	2053	- SINGLE CURB MAG 222 "B" H=12"								
\$747.54	0.5476 MH/LF		11.50MH	[12.117]	426	124	77	74	48		748
35.597	21 LF				20.26	5.88	3.65	3.51	2.29		35.60

BID ITEM = 2055 Land Item SCHEDULE: 1 100
 Description = CONCRETE MEDIAN NOSE TRANSITION MAG 223 Unit = SF Takeoff Quan: 7.000 Engr Quan: 7.000

901010	BUY FLATWORK CONCRETE				Quan: 0.25 CY	Hrs/Shft: 8.00	Cal: 508	WC: NOWC			
	COLOR WASHOUT PER	1.00	1.00 LD	25.000				25			25

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2055											
Description =	CONCRETE MEDIAN NOSE TRANSITION MAG 223		Land Item Unit =	SCHEDULE: 1 SF	100		Takeoff Quan: 7.000		Engr Quan: 7.000		
	COLOR PER CY	1.00	0.25 CY	26.500			7				7
	MAG B CONCRETE	1.00	0.25 CY	72.000			18				18
\$49.63				[]			50				50
							198.52				198.52
903110 F-P-S SW HAND Quan: 13.00 SF Hrs/Shft: 8.00 Cal: 508 WC: NOWC											
<u>923040</u>	HANDSET SW FORMS		1.00 CH	Prod: 13.0000 UH		Lab Pcs: 8.00		Eqp Pcs: 2.00			
	PICK UP SUPER/PM	1.00	1.00 HR	19.250				12	8		19
	FORM TRUCK	1.00	1.00 HR	19.250				6	13		19
	SKILLED LABOR	1.00	1.00 MH	19.500	33						33
	CONCRETE FINISHER	6.00	6.00 MH	21.000	211						211
	FOREMAN GRD/AC/UND	1.00	1.00 MH	36.000	58						58
\$340.81	0.6153 MH/SF		8.0000MH	[13.962]	302			18	21		341
0.1250	Shifts	104.0000 Un/Shift	13.0000 Units/Hr	*	23.25			1.37	1.60		26.22
901110 BUY MISC MAT 1 CURB CREW Quan: 13.00 SF Hrs/Shft: 8.00 Cal: 508 WC: NOWC											
	CURE	1.00	13.00 SF	0.060				1			1
903010 SW/RAMP/DWY/VG GRADE Quan: 13.00 SF Hrs/Shft: 8.00 Cal: 508 WC: NOWC											
<u>22GRDC</u>	GANNON/BACKHOE GRADING CREW		0.25 CH	Prod: 52.0000 UH		Lab Pcs: 7.00		Eqp Pcs: 5.00			
	3-5 TON DUAL DRUM R	1.00	0.25 HR	19.450				3	2		5
	CAT 314 EXCAVATOR	1.00	0.25 HR	44.000				8	4		11
	BOBTAIL	1.00	0.25 HR	41.250				8	3		10
	CASE 570M XT GANNO	1.00	0.25 HR	29.040				5	3		7
	2000+ GAL WATERTRUC	1.00	0.25 HR	33.080				5	3		8
	GENERAL LABOR/CLEA	2.00	0.50 MH	17.700	15						15
	CDL OPERATOR	2.00	0.50 MH	19.750	17						17
	GENERAL OPERATOR	2.00	0.50 MH	23.000	19						19
	EXCAVATOR OPERATO	1.00	0.25 MH	25.000	10						10
\$103.28	0.1346 MH/SF		1.7500MH	[2.806]	62			28	14		103
0.0313	Shifts	416.0000 Un/Shift	52.0000 Units/Hr	*	4.74			2.16	1.05		7.94
=====>	Item Totals:	2055	- CONCRETE MEDIAN NOSE TRANSITION MAG 223								
\$494.50		1.3928 MH/SF	9.75MH	[31.14]	364	50	1	46	34		495
70.643		7 SF			51.99	7.09	0.11	6.54	4.92		70.64

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2060 Description = VALLEY GUTTER MAG 241											
		Land Item	SCHEDULE: 1	100							
			Unit = SF	Takeoff Quan:	858.000		Engr Quan:	858.000			
2904010 INSTALL PCCP / BUSBAY											
			Quan:	74.52 SY	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC	
<u>923050</u>	FORM/POUR SW,VG,SLABS		12.00 CH	Prod:	1.5000 S	Lab Pcs:	8.00	Eqp Pcs:	2.00		
	PICK UP SUPER/PM	1.00	12.00 HR	19.250				138	93		231
	FORM TRUCK	1.00	12.00 HR	19.250				75	156		231
	SKILLED LABOR	1.00	12.00 MH	19.500	401						401
	CONCRETE FINISHER	6.00	72.00 MH	21.000	2,532						2,532
	FOREMAN GRD/AC/UND	1.00	12.00 MH	36.000	695						695
\$4,089.74	1.2882 MH/SY		96.0000MH	[29.227]	3,628			213	249		4,090
1.5000	Shifts *	49.6800	Un/Shift	6.2100	Units/Hr	48.68		2.86	3.34		54.88
2903010 SW/RAMP/DWY/VG GRADE											
			Quan:	673.00 SF	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC	
<u>22GRDC</u>	GANNON/BACKHOE GRADING CREW		4.00 CH	Prod:	0.5000 S	Lab Pcs:	7.00	Eqp Pcs:	5.00		
	3-5 TON DUAL DRUM R	1.00	4.00 HR	19.450				48	30		78
	CAT 314 EXCAVATOR	1.00	4.00 HR	44.000				120	56		176
	BOBTAIL	1.00	4.00 HR	41.250				120	45		165
	CASE 570M XT GANNO	1.00	4.00 HR	29.040				73	43		116
	2000+ GAL WATERTRUC	1.00	4.00 HR	33.080				88	45		132
	GENERAL LABOR/CLEA	2.00	8.00 MH	17.700	241						241
	CDL OPERATOR	2.00	8.00 MH	19.750	270						270
	GENERAL OPERATOR	2.00	8.00 MH	23.000	308						308
	EXCAVATOR OPERATO	1.00	4.00 MH	25.000	166						166
\$1,652.84	0.0416 MH/SF		28.0000MH	[0.867]	986			448	219		1,653
0.5000	Shifts *	1,346.0000	Un/Shift	168.2500	Units/Hr	1.46		0.67	0.33		2.46
2901210 BUY MISC MAT 1 FOR SW/RAMPS/DW/VG											
			Quan:	1.00 LS	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC	
	CURE	1.00	858.00 SF	0.060				51			51
	EXPANSION MATL	1.00	150.00 LF	0.500				75			75
\$126.48				[]				126			126
								126.48			126.48
2901010 BUY FLATWORK CONCRETE											
			Quan:	22.00 CY	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC	
	ARIMA1 - MAG AA CON	1.05	23.10 CY	78.000				1,802			1,802

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2060 Description = VALLEY GUTTER MAG 241 Land Item SCHEDULE: 1 100 Unit = SF Takeoff Quan: 858.000 Engr Quan: 858.000											
2300010 BUY ABC ROADWAY											
	CEMIN1 - ABC MAG	1.05	22.05 TN	12.200				269			269
2300005 PLACE/FINISH ABC HAND											
<u>22GRDC</u>	GANNON/BACKHOE GRADING CREW		8.00 CH	Prod: 1.0000 S		Lab Pcs:	7.00	Eqp Pcs:	5.00		
	3-5 TON DUAL DRUM R	1.00	8.00 HR	19.450				96	60		156
	CAT 314 EXCAVATOR	1.00	8.00 HR	44.000				240	112		352
	BOBTAIL	1.00	8.00 HR	41.250				240	90		330
	CASE 570M XT GANNO	1.00	8.00 HR	29.040				146	86		232
	2000+ GAL WATERTRUC	1.00	8.00 HR	33.080				175	90		265
	GENERAL LABOR/CLEA	2.00	16.00 MH	17.700	482						482
	CDL OPERATOR	2.00	16.00 MH	19.750	541						541
	GENERAL OPERATOR	2.00	16.00 MH	23.000	617						617
	EXCAVATOR OPERATO	1.00	8.00 MH	25.000	332						332
\$3,305.69	0.7514 MH/SY		56.0000MH	[15.663]	1,971			897	438		3,306
1.0000	Shifts *	74.5200	Un/Shift	9.3150	Units/Hr	26.45		12.04	5.87		44.36
=====> Item Totals: 2060 - VALLEY GUTTER MAG 241											
\$11,245.56	0.2097 MH/SF		180.00MH	[4.579]	6,584	2,071	126	1,558	905		11,246
13.107	858 SF				7.67	2.41	0.15	1.82	1.06		13.11

BID ITEM = 2070 Description = CONC. SIDEWALK MAG 230 - COLORED Land Item SCHEDULE: 1 100 Unit = SF Takeoff Quan: 1,606.000 Engr Quan: 1,606.000											
901010 BUY FLATWORK CONCRETE											
	ARIMA1 - COLOR WASH	1.00	3.00 LD	25.000				75			75
	ARIMA1 - COLOR PER C	1.10	25.30 CY	26.500				670			670
	ARIMA1 - MAG B CONC	1.10	25.30 CY	72.000				1,822			1,822
\$2,567.05				[]				2,567			2,567
								111.61			111.61
903110 F-P-S SW HAND											
Quan: 1,565.00 SF Hrs/Shft: 8.00 Cal: 508 WC: NOWC											

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2070											
Description = CONC. SIDEWALK MAG 230 - COLORED			Land Item	SCHEDULE: 1	100						
			Unit =	SF	Takeoff Quan:	1,606.000	Engr Quan:	1,606.000			
<u>923040</u>	HANDSET SW FORMS		12.00 CH	Prod:	130.4167 UH	Lab Pcs:	8.00	Eqp Pcs:	2.00		
	PICK UP SUPER/PM	1.00	12.00 HR	19.250				138	93		231
	FORM TRUCK	1.00	12.00 HR	19.250				75	156		231
	SKILLED LABOR	1.00	12.00 MH	19.500	401						401
	CONCRETE FINISHER	6.00	72.00 MH	21.000	2,532						2,532
	FOREMAN GRD/AC/UND	1.00	12.00 MH	36.000	695						695
\$4,089.74	0.0613 MH/SF		96.0000MH	[1.392]	3,628			213	249		4,090
1.5000	Shifts	1,043.3333	Un/Shift	130.4167	Units/Hr *	2.32		0.14	0.16		2.61
901110	BUY MISC MAT 1 CURB CREW			Quan:	1,565.00 SF	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	CURE	1.00	1,565.00 SF	0.060				94			94
	EXPANSION MATL	1.00	20.52 LF	0.500				10			10
\$104.16				[]				104			104
								0.07			0.07
903010	SW/RAMP/DWY/VG GRADE			Quan:	1,565.00 SF	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
<u>22GRDC</u>	GANNON/BACKHOE GRADING CREW		8.00 CH	Prod:	195.6250 UH	Lab Pcs:	7.00	Eqp Pcs:	5.00		
	3-5 TON DUAL DRUM R	1.00	8.00 HR	19.450				96	60		156
	CAT 314 EXCAVATOR	1.00	8.00 HR	44.000				240	112		352
	BOBTAIL	1.00	8.00 HR	41.250				240	90		330
	CASE 570M XT GANNO	1.00	8.00 HR	29.040				146	86		232
	2000+ GAL WATERTRUC	1.00	8.00 HR	33.080				175	90		265
	GENERAL LABOR/CLEA	2.00	16.00 MH	17.700	482						482
	CDL OPERATOR	2.00	16.00 MH	19.750	541						541
	GENERAL OPERATOR	2.00	16.00 MH	23.000	617						617
	EXCAVATOR OPERATO	1.00	8.00 MH	25.000	332						332
\$3,305.69	0.0357 MH/SF		56.0000MH	[0.746]	1,971			897	438		3,306
1.0000	Shifts	1,565.0000	Un/Shift	195.6250	Units/Hr *	1.26		0.57	0.28		2.11
=====> Item Totals:	2070 - CONC. SIDEWALK MAG 230 - COLORED										
\$10,066.64	0.0946 MH/SF		152.00MH	[2.083]	5,599	2,567	104	1,110	687		10,067
6.268	1606 SF				3.49	1.60	0.06	0.69	0.43		6.27

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2080 Description = CONC. DRIVEWAY MAG 250-1 - COLORED											
			Land Item	SCHEDULE: 1	100						
				Unit = SF	Takeoff Quan:	162.000		Engr Quan:	162.000		
901010	BUY FLATWORK CONCRETE			Quan: 3.75 CY	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	ARIMA1 - COLOR WASH	1.00	1.00 LD	25.000		25					25
	ARIMA1 - COLOR PER C	1.10	4.13 CY	26.500		109					109
	ARIMA1 - MAG AA CON	1.10	4.13 CY	78.000		322					322
\$456.59				[]		457					457
						121.76					121.76
901110	BUY MISC MAT 1 CURB CREW			Quan: 1.00 LS	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CURE	1.00	162.75 SF	0.060			10				10
903010	SW/RAMP/DWY/VG GRADE			Quan: 136.00 SF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
<u>22GRDC</u>	GANNON/BACKHOE GRADING CREW		1.00 CH	Prod: 136.0000 UH		Lab Pcs: 7.00		Eqp Pcs: 5.00			
	3-5 TON DUAL DRUM R	1.00	1.00 HR	19.450				12	8		19
	CAT 314 EXCAVATOR	1.00	1.00 HR	44.000				30	14		44
	BOBTAIL	1.00	1.00 HR	41.250				30	11		41
	CASE 570M XT GANNO	1.00	1.00 HR	29.040				18	11		29
	2000+ GAL WATERTRUC	1.00	1.00 HR	33.080				22	11		33
	GENERAL LABOR/CLEA	2.00	2.00 MH	17.700	60						60
	CDL OPERATOR	2.00	2.00 MH	19.750	68						68
	GENERAL OPERATOR	2.00	2.00 MH	23.000	77						77
	EXCAVATOR OPERATO	1.00	1.00 MH	25.000	41						41
\$413.21	0.0514 MH/SF		7.0000MH	[1.073]	246			112	55		413
0.1250	Shifts	1,088.0000 Un/Shift	136.0000 Units/Hr	*	1.81			0.82	0.40		3.04
903320	CONCRETE DRIVEWAY			Quan: 136.00 SF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
<u>923050</u>	FORM/POUR SW,VG,SLABS		4.00 CH	Prod: 34.0000 UH		Lab Pcs: 8.00		Eqp Pcs: 2.00			
	PICK UP SUPER/PM	1.00	4.00 HR	19.250				46	31		77
	FORM TRUCK	1.00	4.00 HR	19.250				25	52		77
	SKILLED LABOR	1.00	4.00 MH	19.500	134						134
	CONCRETE FINISHER	6.00	24.00 MH	21.000	844						844
	FOREMAN GRD/AC/UND	1.00	4.00 MH	36.000	232						232
\$1,363.25	0.2352 MH/SF		32.0000MH	[5.338]	1,209			71	83		1,363
0.5000	Shifts	272.0000 Un/Shift	34.0000 Units/Hr	*	8.89			0.52	0.61		10.02

Cost Report

Activity Resource	Description	Quantity Pcs	Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2080			Land Item	SCHEDULE: 1	100						
Description =	CONC. DRIVEWAY MAG 250-1 - COLORED			Unit = SF	Takeoff Quan:	162.000		Engr Quan:	162.000		
=====> Item Totals:	2080 - CONC. DRIVEWAY MAG 250-1 - COLORED										
\$2,242.82	0.2407 MH/SF	39.00MH		[5.382]	1,456	457	10	183	138		2,243
13.845	162 SF				8.99	2.82	0.06	1.13	0.85		13.84
BID ITEM = 2083			Land Item	SCHEDULE: 1	100						
Description =	ADJ MANHOLE FRAME & COVER MAG 422			Unit = EA	Takeoff Quan:	1.000		Engr Quan:	1.000		
2031060	ADJUSTMENTS SUB			Quan:	1.00 EA	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	ADJUSTMENTS SUB	1.00	1.00 EA	450.000						450	450
BID ITEM = 2084			Land Item	SCHEDULE: 1	100						
Description =	ADJ VALVE BOX & COVER MAG 391-1			Unit = EA	Takeoff Quan:	1.000		Engr Quan:	1.000		
2031060	ADJUSTMENTS SUB			Quan:	1.00 EA	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	ADJUSTMENTS SUB	1.00	1.00 EA	350.000						350	350
BID ITEM = 2085			Land Item	SCHEDULE: 1	100						
Description =	3" DECOMPOSED GRANITE DRIVEWAY			Unit = SF	Takeoff Quan:	360.000		Engr Quan:	360.000		
2085.1	PLACE DG DRIVEWAY			Quan:	360.00 SF	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
<u>22GRDC</u>	GANNON/BACKHOE GRADING CREW		4.00 CH	Prod:	0.5000 S	Lab Pcs:	7.00	Eqp Pcs:	5.00		
	3-5 TON DUAL DRUM R	1.00	4.00 HR	19.450				48	30		78
	CAT 314 EXCAVATOR	1.00	4.00 HR	44.000				120	56		176
	BOBTAIL	1.00	4.00 HR	41.250				120	45		165
	CASE 570M XT GANNO	1.00	4.00 HR	29.040				73	43		116
	2000+ GAL WATERTRUC	1.00	4.00 HR	33.080				88	45		132
	GENERAL LABOR/CLEA	2.00	8.00 MH	17.700		241					241
	CDL OPERATOR	2.00	8.00 MH	19.750		270					270
	GENERAL OPERATOR	2.00	8.00 MH	23.000		308					308

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 2085			Land Item	SCHEDULE: 1	100						
Description =	3" DECOMPOSED GRANITE DRIVEWAY		Unit =	SF	Takeoff Quan:	360.000	Engr Quan:		360.000		
\$1,652.84	EXCAVATOR OPERATO	1.00	4.00 MH	25.000	166						166
0.5000	0.0777 MH/SF		28.0000MH	[1.621]	986			448	219		1,653
0.5000	Shifts * 720.0000 Un/Shift		90.0000 Units/Hr		2.74			1.25	0.61		4.59
2085.2	BUY DG FOR DRIVEWAY			Quan: 10.00 TN	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CEMIN1 - DECOMPOSED	1.15	11.50 TN	20.000		230					230
=====>	Item Totals: 2085 - 3" DECOMPOSED GRANITE DRIVEWAY										
\$1,882.84	0.0777 MH/SF		28.00MH	[1.621]	986	230		448	219		1,883
5.230	360 SF				2.74	0.64		1.25	0.61		5.23
BID ITEM = 3010			Land Item	SCHEDULE: 1	100						
Description =	OBLIT EXIST PVMNT MARKINGS - 4" EQ		Unit =	LF	Takeoff Quan:	1,680.000	Engr Quan:		1,680.000		
2031010	SUB - OBLIT EXIST PVMNT MARKINGS - 4" EQ			Quan: 1,680.00 LF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	PAVMA1 - STRIPING SU	1.00	1,680.00 LF	1.100						1,848	1,848
BID ITEM = 3020			Land Item	SCHEDULE: 1	100						
Description =	OBLIT EXIST PVMNT ARROW/LENGEND		Unit =	EA	Takeoff Quan:	6.000	Engr Quan:		6.000		
2031010	SUB - OBLIT EXIST PVMNT ARROW/LENGEND			Quan: 6.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	PAVMA1 - STRIPING SU	1.00	6.00 EA	125.000						750	750
BID ITEM = 3030			Land Item	SCHEDULE: 1	100						
Description =	WHITE THERMO (90 MIL) 4" EQ		Unit =	LF	Takeoff Quan:	2,350.000	Engr Quan:		2,350.000		
2031010	SUB - WHITE THERMO (90 MIL) 4" EQ			Quan: 2,350.00 LF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	PAVMA1 - STRIPING SU	1.00	2,350.00 LF	1.100						2,585	2,585

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 3040			Land Item	SCHEDULE: 1	100						
Description =	YELLOW THERMO (90 MIL) 4" EQ		Unit = LF	Takeoff Quan:	640.000		Engr Quan:	640.000			
2031010	SUB - YELLOW THERMO (90 MIL) 4" EQ		Quan: 640.00 LF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC					
	PAVMA1 - STRIPING SU	1.00	640.00 LF	1.100						704	704
BID ITEM = 3050			Land Item	SCHEDULE: 1	100						
Description =	RAISED PVMNT MKR TYPE D		Unit = EA	Takeoff Quan:	32.000		Engr Quan:	32.000			
2031010	SUB - RAISED PVMNT MKR TYPE D		Quan: 32.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC					
	PAVMA1 - STRIPING SU	1.00	32.00 EA	5.000						160	160
BID ITEM = 3060			Land Item	SCHEDULE: 1	100						
Description =	RAISED PVMNT MKR TYPE G		Unit = EA	Takeoff Quan:	36.000		Engr Quan:	36.000			
2031010	SUB - RAISED PVMNT MKR TYPE G		Quan: 36.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC					
	PAVMA1 - STRIPING SU	1.00	36.00 EA	5.280						190	190
BID ITEM = 3063			Land Item	SCHEDULE: 1	100						
Description =	TYPE I PERMANENT PVMNT TAPE SINGLE ARROW		Unit = EA	Takeoff Quan:	6.000		Engr Quan:	6.000			
2031010	STRIPING SUB		Quan: 6.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC					
	PAVMA1 - STRIPING SU	1.00	6.00 EA	406.250						2,438	2,438
BID ITEM = 3065			Land Item	SCHEDULE: 1	100						
Description =	TYPE I PERMANENT PVMNT TAPE ONLY LEGEND		Unit = EA	Takeoff Quan:	2.000		Engr Quan:	2.000			

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 3065			Land Item	SCHEDULE: 1	100						
Description =	TYPE I PERMANENT PVMNT TAPE ONLY LEGEND		Unit =	EA	Takeoff Quan:	2.000		Engr Quan:		2.000	
2031010	STRIPING SUB			Quan:	2.00 EA	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	PAVMA1 - STRIPING SU	1.00	2.00 EA	881.250						1,763	1,763
BID ITEM = 3070			Land Item	SCHEDULE: 1	100						
Description =	PAINTED MEDIAN NOSE		Unit =	EA	Takeoff Quan:	1.000		Engr Quan:		1.000	
2031010	SUB - PAINTED MEDIAN NOSE			Quan:	1.00 EA	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	PAVMA1 - STRIPING SU	1.00	1.00 EA	75.000						75	75
BID ITEM = 3080			Land Item	SCHEDULE: 1	100						
Description =	RMV & SALVAGE EISTING SIGN		Unit =	EA	Takeoff Quan:	2.000		Engr Quan:		2.000	
2031040	SUB - RMV & SALVAGE EISTING SIGN			Quan:	2.00 EA	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	SPEC1 - SIGNAGE SUB	1.00	2.00 EA	55.000						110	110
BID ITEM = 3090			Land Item	SCHEDULE: 1	100						
Description =	RELOCATE SIGN		Unit =	EA	Takeoff Quan:	1.000		Engr Quan:		1.000	
2031040	SUB - RELOCATE SIGN			Quan:	1.00 EA	Hrs/Shft:	8.00	Cal:	508	WC:	NOWC
	SPEC1 - SIGNAGE SUB	1.00	1.00 EA	225.000						225	225
BID ITEM = 3095			Land Item	SCHEDULE: 1	100						
Description =	OBJECT MARKER ASSEMBLY (DETAIL ON SM02)		Unit =	EA	Takeoff Quan:	1.000		Engr Quan:		1.000	

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 3095			Land Item	SCHEDULE: 1	100						
Description =	OBJECT MARKER ASSEMBLY (DETAIL ON SM02)			Unit = EA	Takeoff Quan:		1.000	Engr Quan:		1.000	
2031040	SIGNAGE SUB			Quan: 1.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	SPEC1 - SIGNAGE SUB	1.00	1.00 EA	45.000						45	45
BID ITEM = 3100			Land Item	SCHEDULE: 1	100						
Description =	SIGN POST			Unit = LF	Takeoff Quan:		23.000	Engr Quan:		23.000	
2031040	SUB - SIGN POST			Quan: 23.00 LF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	SPEC1 - SIGNAGE SUB	1.00	23.00 LF	34.000						782	782
BID ITEM = 3110			Land Item	SCHEDULE: 1	100						
Description =	SING POST FOUNDATION			Unit = EA	Takeoff Quan:		3.000	Engr Quan:		3.000	
2031040	SUB - SING POST FOUNDATION			Quan: 3.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	SPEC1 - SIGNAGE SUB	1.00	3.00 EA	74.000						222	222
BID ITEM = 3120			Land Item	SCHEDULE: 1	100						
Description =	SIGN PANEL			Unit = SF	Takeoff Quan:		30.000	Engr Quan:		30.000	
2031040	SUB - SIGN PANEL			Quan: 30.00 SF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	SPEC1 - SIGNAGE SUB	1.00	30.00 SF	17.500						525	525
BID ITEM = 4100			Land Item	SCHEDULE: 1	100						
Description =	RESET EXISTING PULL BOX			Unit = EA	Takeoff Quan:		3.000	Engr Quan:		3.000	

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 4100			Land Item	SCHEDULE: 1	100						
Description =	RESET EXISTING PULL BOX		Unit =	EA	Takeoff Quan:		3.000	Engr Quan:		3.000	
2031050	SUB - RESET EXISTING PULL BOX			Quan: 3.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	ELECTRICAL SUB	1.00	3.00 EA	500.000						1,500	1,500
BID ITEM = 4110			Land Item	SCHEDULE: 1	100						
Description =	RELOCATE TELCO PEDESTAL		Unit =	EA	Takeoff Quan:		1.000	Engr Quan:		1.000	
2593110	MISC WORK ALLOWANCE			Quan: 1.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	MISC WORK ALLOWAN	1.00	1.00 EA	2,500.000			2,500				2,500
=====> Item Totals:	4110 - RELOCATE TELCO PEDESTAL						2,500				2,500
\$2,500.00				[]			2,500.00				2,500.00
2,500.000	1 EA						2,500.00				2,500.00
BID ITEM = 5100			Land Item	SCHEDULE: 1	100						
Description =	MASONRY WALL (COMPLETE FINISH PER PLANS)		Unit =	LF	Takeoff Quan:		205.000	Engr Quan:		205.000	
2061050	SUB - MASONRY WALL PAINTING			Quan: 205.00 LF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	3DPAINTING - WALL PAI	1.00	205.00 LF	10.440						2,140	2,140
2061070	SUB - MASONRY WALL			Quan: 205.00 LF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	SUNDI1 - MASONRY SU	1.00	205.00 LF	188.000						38,540	38,540
5100.1	MASONRY SUB SUPPORT			Quan: 202.00 LF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	DIRT DUMP FEE	1.00	4.00 LD	30.000		120					120
	SUPER 16 (25 TN)	1.00	40.00 HR	85.000				3,400			3,400
	==> CASE 570M XT GAN	1.00	80.00 HR	29.040				1,463	860		2,323
	==> 2000+ GAL WATERT	1.00	80.00 HR	33.080				1,750	896		2,646
	==> CDL OPERATOR	1.00	80.00 MH	19.750	2,704						2,704
	==> BACKHOE/GRD CH	1.00	80.00 MH	23.000	3,083						3,083

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 5100											
Description =	MASONRY WALL (COMPLETE FINISH PER PLANS)		Land Item SCHEDULE: 1 100 Unit = LF Takeoff Quan:			205.000		Engr Quan:	205.000		
\$14,275.96	0.7920 MH/LF		160.0000MH [16.931]		5,786	120		6,614	1,756		14,276
					28.65	0.59		32.74	8.69		70.67
=====> Item Totals: 5100 - MASONRY WALL (COMPLETE FINISH PER PLANS)											
\$54,956.16	0.7804 MH/LF		160.00MH [16.683]		5,786	120		6,614	1,756	40,680	54,956
268.079	205 LF				28.23	0.59		32.26	8.57	198.44	268.08
BID ITEM = 5110											
Description =	BRICK VENEER		Land Item SCHEDULE: 1 100 Unit = SF Takeoff Quan:			168.000		Engr Quan:	168.000		
2061070	SUB - BRICK VENEER		Quan: 168.00 SF		Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	SUNDI1 - MASONRY SU	1.00	168.00 SF	20.000						3,360	3,360
BID ITEM = 5120											
Description =	MASONRY COLUMN (COMPLETE FINISH PER PLAN		Land Item SCHEDULE: 1 100 Unit = EA Takeoff Quan:			9.000		Engr Quan:	9.000		
2061070	SUB - MASONRY COLUMN		Quan: 9.00 EA		Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	SUNDI1 - MASONRY SU	1.00	9.00 EA	1,285.000						11,565	11,565
BID ITEM = 6010											
Description =	TREE - DESERT IRONWOOD 24" BOX		Land Item SCHEDULE: 1 100 Unit = EA Takeoff Quan:			2.000		Engr Quan:	2.000		
2081010	SUB - TREE - DESERT WILLOW 36" BOX		Quan: 2.00 EA		Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	2.00 EA	215.000						430	430

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 6015			Land Item	SCHEDULE: 1	100						
Description =	SHRUB - BANK CATCLAW FLAT			Unit = EA	Takeoff Quan:	7.000		Engr Quan:		7.000	
2081010	LANDSCAPING SUB			Quan: 7.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	7.00 EA	20.000						140	140
BID ITEM = 6020			Land Item	SCHEDULE: 1	100						
Description =	SHRUB - CENTURY PLANT 5 GALLON			Unit = EA	Takeoff Quan:	6.000		Engr Quan:		6.000	
2081010	SUB - SHRUB - CENTURY PLANT 5 GALLON			Quan: 6.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	6.00 EA	20.000						120	120
BID ITEM = 6030			Land Item	SCHEDULE: 1	100						
Description =	SHRUB - COW'S HORN AGAVE 5 GALLON			Unit = EA	Takeoff Quan:	16.000		Engr Quan:		16.000	
2081010	SUB - SHRUB - COW'S HORN AGAVE 5 GALLON			Quan: 16.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	16.00 EA	25.000						400	400
BID ITEM = 6040			Land Item	SCHEDULE: 1	100						
Description =	SHRUB - RUSH MILKWEED 5 GALLON			Unit = EA	Takeoff Quan:	9.000		Engr Quan:		9.000	
2081010	SUB - SHRUB - ALOE 5 GALLON			Quan: 9.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	9.00 EA	20.000						180	180
BID ITEM = 6050			Land Item	SCHEDULE: 1	100						
Description =	SHRUB - DESERT MARIGOLD 5 GALLON			Unit = EA	Takeoff Quan:	61.000		Engr Quan:		61.000	

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 6050			Land Item	SCHEDULE: 1	100						
Description =	SHRUB - DESERT MARIGOLD 5 GALLON			Unit = EA	Takeoff Quan:	61.000		Engr Quan:		61.000	
2081010	SUB - SHRUB - FISH HOOK BARREL 15 GALLON			Quan: 61.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	61.00 EA	18.000						1,098	1,098
BID ITEM = 6060			Land Item	SCHEDULE: 1	100						
Description =	SHRUB - BRITTLE BUSH 5 GALLON			Unit = EA	Takeoff Quan:	10.000		Engr Quan:		10.000	
2081010	SUB - SHRUB - BELOPERONE 15 GALLON			Quan: 10.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	10.00 EA	16.000						160	160
BID ITEM = 6070			Land Item	SCHEDULE: 1	100						
Description =	SHRUB - OCOTILLO 12 CANE MIN.			Unit = EA	Takeoff Quan:	5.000		Engr Quan:		5.000	
2081010	SUB - SHRUB - CIMMERON 5 GALLON			Quan: 5.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	5.00 EA	75.000						375	375
BID ITEM = 6075			Land Item	SCHEDULE: 1	100						
Description =	SHRUB - BELOPERONE 15 GALLON			Unit = EA	Takeoff Quan:	9.000		Engr Quan:		9.000	
2081010	LANDSCAPING SUB			Quan: 9.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	9.00 EA	75.000						675	675
BID ITEM = 6076			Land Item	SCHEDULE: 1	100						
Description =	CACTI - SAGUARO 10' SPEAR			Unit = EA	Takeoff Quan:	1.000		Engr Quan:		1.000	

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 6076			Land Item	SCHEDULE: 1	100						
Description =	CACTI - SAGUARO 10' SPEAR			Unit = EA	Takeoff Quan:	1.000		Engr Quan:		1.000	
2081010	LANDSCAPING SUB			Quan: 1.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	1.00 EA	850.000						850	850
BID ITEM = 6078			Land Item	SCHEDULE: 1	100						
Description =	CACTI - FISH HOOK BARREL 15 GALLON			Unit = EA	Takeoff Quan:	5.000		Engr Quan:		5.000	
2081010	LANDSCAPING SUB			Quan: 5.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	5.00 EA	75.000						375	375
BID ITEM = 6080			Land Item	SCHEDULE: 1	100						
Description =	CACTI - PRICKLY PEAR 15- GALLON			Unit = EA	Takeoff Quan:	6.000		Engr Quan:		6.000	
2081010	SUB - SHRUB - PRICKLY PEAR 15 GALLON			Quan: 6.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	6.00 EA	75.000						450	450
BID ITEM = 6090			Land Item	SCHEDULE: 1	100						
Description =	DG 3" MINUS (E3XPRESS NATURAL) ROCK MULC			Unit = SF	Takeoff Quan:	2,639.000		Engr Quan:		2,639.000	
2081010	SUB - DG 1/2" SCREENED "EXPRESS GOLD"			Quan: 2,639.00 SF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	2,639.00 SF	1.250						3,299	3,299
BID ITEM = 6100			Land Item	SCHEDULE: 1	100						
Description =	DG MATCH EXISTING			Unit = SF	Takeoff Quan:	962.000		Engr Quan:		962.000	

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 6100			Land Item	SCHEDULE: 1	100						
Description =	DG MATCH EXISTING			Unit = SF	Takeoff Quan:	962.000		Engr Quan:		962.000	
2081010	SUB - DG MATCH EXISTING			Quan: 962.00 SF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	962.00 SF	1.000						962	962
BID ITEM = 6110			Land Item	SCHEDULE: 1	100						
Description =	1" BACKFLOW PREVENTER			Unit = EA	Takeoff Quan:	1.000		Engr Quan:		1.000	
2081010	SUB - 1" BACKFLOW PREVENTER			Quan: 1.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	1.00 EA	900.000						900	900
BID ITEM = 6120			Land Item	SCHEDULE: 1	100						
Description =	GUARDSHACK ENCLOSURE			Unit = EA	Takeoff Quan:	1.000		Engr Quan:		1.000	
2081010	SUB - GUARDSHACK ENCLOSURE			Quan: 1.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	1.00 EA	900.000						900	900
BID ITEM = 6130			Land Item	SCHEDULE: 1	100						
Description =	IRRIGATION CONTROLLER LEIT X20			Unit = EA	Takeoff Quan:	1.000		Engr Quan:		1.000	
2081010	SUB - IRRIGATION CONTROLLER LEIT X20			Quan: 1.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	1.00 EA	4,000.000						4,000	4,000
BID ITEM = 6140			Land Item	SCHEDULE: 1	100						
Description =	1" SCH. 40 PVC			Unit = LF	Takeoff Quan:	200.000		Engr Quan:		200.000	

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 6140			Land Item	SCHEDULE: 1	100						
Description =	1" SCH. 40 PVC			Unit = LF	Takeoff Quan:	200.000		Engr Quan:		200.000	
2081010	SUB - 1" SCH. 40 PVC			Quan: 200.00 LF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	200.00 LF	2.000						400	400
BID ITEM = 6150			Land Item	SCHEDULE: 1	100						
Description =	3/4" SCH. 40 PVC			Unit = LF	Takeoff Quan:	800.000		Engr Quan:		800.000	
2081010	SUB - 3/4" SCH. 40 PVC			Quan: 800.00 LF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	800.00 LF	2.000						1,600	1,600
BID ITEM = 6160			Land Item	SCHEDULE: 1	100						
Description =	SLEEING FOR LANDSCAPE IRRIGATION			Unit = LF	Takeoff Quan:	15.000		Engr Quan:		15.000	
2081010	SUB - SLEEING FOR LANDSCAPE IRRIGATION			Quan: 15.00 LF	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	15.00 LF	10.000						150	150
BID ITEM = 6170			Land Item	SCHEDULE: 1	100						
Description =	1" CONTROL VALVE ASSEMBLY			Unit = EA	Takeoff Quan:	2.000		Engr Quan:		2.000	
2081010	SUB - 1" CONTROL VALVE ASSEMBLY			Quan: 2.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	2.00 EA	450.000						900	900
BID ITEM = 6180			Land Item	SCHEDULE: 1	100						
Description =	1" GATE VALVE			Unit = EA	Takeoff Quan:	1.000		Engr Quan:		1.000	

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 6180			Land Item	SCHEDULE: 1	100						
Description =	1" GATE VALVE			Unit = EA	Takeoff Quan:	1.000		Engr Quan:		1.000	
2081010	SUB - 1" GATE VALVE			Quan: 1.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	1.00 EA	300.000						300	300
BID ITEM = 6190			Land Item	SCHEDULE: 1	100						
Description =	QUICK COUPLER ASSEMBLY			Unit = EA	Takeoff Quan:	1.000		Engr Quan:		1.000	
2081010	SUB - QUICK COUPLER ASSEMBLY			Quan: 1.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	1.00 EA	300.000						300	300
BID ITEM = 6200			Land Item	SCHEDULE: 1	100						
Description =	MULTI-PORT EMITTER ASSEMBLY			Unit = EA	Takeoff Quan:	110.000		Engr Quan:		110.000	
2081010	SUB - MULTI-PORT EMITTER ASSEMBLY			Quan: 110.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	110.00 EA	15.000						1,650	1,650
BID ITEM = 6210			Land Item	SCHEDULE: 1	100						
Description =	FLUSH CAP			Unit = EA	Takeoff Quan:	1.000		Engr Quan:		1.000	
2081010	SUB - FLUSH CAP			Quan: 1.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	1.00 EA	30.000						30	30
BID ITEM = 6230			Land Item	SCHEDULE: 1	100						
Description =	RELOCATE EXISTING WATER METER			Unit = EA	Takeoff Quan:	1.000		Engr Quan:		1.000	

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 6230			Land Item	SCHEDULE: 1	100						
Description =	RELOCATE EXISTING WATER METER		Unit =	EA	Takeoff Quan:	1.000	Engr Quan:		1.000		
523001	RELOCATE EXISTING WATER METER		Quan: 1.00 EA		Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
<u>6REMMO</u>	REMOVALS BKHOE/GANNON LOADER		2.00 CH	Prod: 0.0000		Lab Pcs: 6.00	Eqp Pcs: 5.00				
	CAT 314 EXCAVATOR	1.00	2.00 HR	44.000			60	28			88
	VOLVO L90 LOADER	1.00	2.00 HR	56.200			76	36			112
	BOBTAIL	1.00	2.00 HR	41.250			60	23			83
	CASE 570M XT GANNO	1.00	2.00 HR	29.040			37	22			58
	2000+ GAL WATERTRUC	1.00	2.00 HR	33.080			44	22			66
	GENERAL LABOR/CLEA	1.00	2.00 MH	17.700	60						60
	CDL OPERATOR	2.00	4.00 MH	19.750	135						135
	GENERAL OPERATOR	1.00	2.00 MH	23.000	77						77
	LOADER/SCRAPER/CUR	1.00	2.00 MH	23.000	77						77
	EXCAVATOR OPERATO	1.00	2.00 MH	25.000	83						83
\$839.10	12.0000 MH/EA		12.0000MH	[256.4]	432		277	130			839
0.2500	Shifts	4.0000	Un/Shift	0.5000	Units/Hr	431.96	276.74	130.40			839.10
=====>	Item Totals: 6230 - RELOCATE EXISTING WATER METER										
\$839.10	12.0000 MH/EA		12.00MH	[256.4]	432		277	130			839
839.100	1 EA				431.96		276.74	130.40			839.10
BID ITEM = 6240			Land Item	SCHEDULE: 1	100						
Description =	BOULDERS - 3X3X5 2500 LBS EXPRESS CARMEL		Unit =	EA	Takeoff Quan:	3.000	Engr Quan:		3.000		
2081010	SUB - BOULDERS - 'A' 3X3X5		Quan: 3.00 EA		Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	3.00 EA	190.000						570	570
BID ITEM = 6250			Land Item	SCHEDULE: 1	100						
Description =	BOULDERS - 2X3X3 1800 LBS EXPRESS CARMEL		Unit =	EA	Takeoff Quan:	9.000	Engr Quan:		9.000		
2081010	SUB - BOULDERS - 'B' 2X3X3		Quan: 9.00 EA		Hrs/Shft: 8.00	Cal: 508	WC: NOWC				
	CDDEV - LANDSCAPING	1.00	9.00 EA	185.000						1,665	1,665

Cost Report

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
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BID ITEM = 100200
 Description = CONTRACTORS FEE
 Land Item SCHEDULE: 1 100
 Unit = FP Takeoff Quan: 1.000 Engr Quan: 1.000

100200.1	CONTRACTORS FEE				Quan: 1.00 LS	Hrs/Shft: 8.00	Cal: 508	WC: NOWC			
	CONTRACTOR'S FEE	1.00	1.00 LS	38,946.100			38,946				38,946

====> **Item Totals: 100200 - CONTRACTORS FEE**
 \$38,946.10 []
 38,946.10 1 FP 38,946
 38,946.10 ~~38,946~~ 34,909.33

BID ITEM = 100300
 Description = INSURANCE REQUIREMENTS
 Land Item SCHEDULE: 1 100
 Unit = FP Takeoff Quan: 1.000 Engr Quan: 1.000

100300.1	INSURANCE REQUIREMENTS				Quan: 1.00 LS	Hrs/Shft: 8.00	Cal: 508	WC: NOWC			
	BLDRS RISK, AUTO, LIA	1.00	1.00 LS	10,710.180			10,710				10,710

====> **Item Totals: 100300 - INSURANCE REQUIREMENTS**
 \$10,710.18 []
 10,710.18 1 FP 10,710
 10,710.18 ~~10,710~~ 10,569.77

BID ITEM = 100400
 Description = BOND
 Land Item SCHEDULE: 1 100
 Unit = FP Takeoff Quan: 1.000 Engr Quan: 1.000

100400.1	BOND				Quan: 1.00 LS	Hrs/Shft: 8.00	Cal: 508	WC: NOWC			
	BOND	1.00	1.00 LS	4,391.170			4,391				4,391

====> **Item Totals: 100400 - BOND**
 \$4,391.17 []
 4,391.17 1 FP 4,391
 4,391.17 ~~4,391~~ 4,333.61

Signal Modifications 5,000

Cost Report

SIGNAL MODIFICA

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub-Contract	Total
BID ITEM = 100500			Land Item	SCHEDULE: 1	100						
Description = TAX			Unit = FP	Takeoff Quan:	1.000		Engr Quan:	1.000			
100500.1	TAX		Quan: 1.00 LS	Hrs/Shft: 8.00	Cal: 508	WC: NOWC					
	SALES TAX	1.00	1.00 LS	25,368.680			25,369				25,369
====>	Item Totals: 100500 - TAX			[]			25,369				25,369
	\$25,368.68						25,368.68				25,369
	25,368.680		1 FP								25,036.11
BID ITEM = 100700			Land Item	SCHEDULE: 1	100						
Description = CONSTRUCTION CONTINGENCY			Unit = AL	Takeoff Quan:	1.000		Engr Quan:	1.000			
100700.1	CONSTRUCTION CONTINGENCY		Quan: 1.00 LS	Hrs/Shft: 8.00	Cal: 508	WC: NOWC					
	CONSTRUCTION CONTI	1.00	1.00 LS	12,500.000			12,500				12,500
====>	Item Totals: 100700 - CONSTRUCTION CONTINGENCY			[]			12,500				12,500
	\$12,500.00						12,500.00				12,500.00
	12,500.000		1 AL								
\$481,371.06	*** Report Totals ***	2,088.25	MH		107,900	23,534	119,993	48,278	28,803	152,864	481,371

>>> indicates Non Additive Activity
 -----Report Notes:-----
 The estimate was prepared with TAKEOFF Quantities.
 This report shows BID Quantities with the resources.

Bid Date: Owner: Engineering Firm:
 Estimator-In-Charge:

JOB NOTES

Estimate created on: 06/15/2016 by User#: 41 - Dana Ratkovich
 Source estimate used: O:\HEAVYBID\EST\ESTMAST

475,224

Cost Report

Activity Resource	Description	Quantity Pcs	Unit Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equipment Ownership	Equipment Operation	Sub- Contract	Total
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BID ITEM = 100700 Land Item SCHEDULE: 1 100
 Description = CONSTRUCTION CONTINGENCY Unit = AL Takeoff Quan: 1.000 Engr Quan: 1.000

*****Estimate created on: 11/22/2016 by User#: 6 - Kevin Nunez
 Source estimate used: O:\HEAVYBID\EST\3016APDM

*****Estimate created on: 02/15/2017 by User#: 6 - Kevin Nunez
 Source estimate used: O:\HEAVYBID\EST\3526101

* on units of MH indicate average labor unit cost was used rather than base rate.

[] in the Unit Cost Column = Labor Unit Cost Without Labor Burdens

In equipment resources, rent % and EOE % not = 100% are represented as XXX%YYY where XXX=Rent% and YYY=EOE%

-----Calendar Codes-----

- 410 Four 10 Hour Days - No O.T.
- 508 Five 8 Hour Days (Default Calendar)**
- 510 Five 10 Hour Days