

# BOARD OF SUPERVISORS AGENDA ITEM SUMMARY

Meeting Date: February 18, 2014

## ITEM SUMMARY, JUSTIFICATION and/or SPECIAL CONSIDERATIONS:

Amendment #14, Contract # CT-FM-11042215-P, Sundt Construction, Inc., to provide Construction Manager at Risk (CMAR) Services for the Downtown Court Complex. This Amendment adds to the Contract the Guaranteed Maximum Price Proposal dated February 11, 2014 in the amount of \$14,685,472.00 for construction of the Parking Garage which will be attached to and will serve the Downtown Court Complex. Funding Source: Certificates of Participation. Administering Department: Facilities Management.

Construction for the Garage is scheduled to start mid-March 2014 and be substantially complete in April 2015.

Effective Date: February 18, 2014

Termination Date: November 30, 2014

Original Contract Amount: \$101,774.00

Previous Amendments /Change Order(s): \$71,628,565.00

Previous Contract Amount: \$71,730,339.00

This Amount this Change Order: \$14,685,472.00

Revised Contract Amount: \$86,415,811.00

Cont # : CT-FM-11042215-P-14  
Effective: 02-18-2014  
Term : 11-30-2014  
Cost : \$14,685,472.00  
Rev : \$14,685,472.00  
Tot : \$14,685,472.00  
ITE : \$86,415,811.00  
Index : 100  
Renewal : 08-01-2014  
Term : 11-30-2014

Project Manager:	Carter Volle/ Robert Patze, 724-3303.
Contract Officer:	Melissa Hala'ufia, 724-8586
	Procurement Department
Vendor is using a Social Security Number: NO	
AMS Advantage Number	CT-FM-11042215-P

CLERK OF BOARD USE ONLY: BOS MTG. \_\_\_\_\_

ITEM NO. \_\_\_\_\_

Procure Dept 02/12/14 PM 02:35

To: CHH - 2.12.14  
CoB - 2.12.14  
Agenda 2.18.14  
(1)

**PIMA COUNTY FACILITIES MANAGEMENT DEPARTMENT**

**PROJECT:** Construction Manager At Risk Services for  
Downtown Court Complex

**CONTRACTOR:** Sundt Construction, Inc.  
2015 West River Road, Suite 101  
Tucson, AZ 85704

**CONTRACT NO.:** CT-FM-11042215-P

**AMENDMENT NO.:** Fourteen (14)

**FUNDING:** Certificates of Participation

**CONTRACT**

NO. CT-FM-11042215-P

AMENDMENT NO. 14

This number must appear on all  
invoices, correspondence and  
documents pertaining to this  
contract.

<b>CONTRACT TERM:</b> 04/25/2011 - 06/03/2011	<b>ORIGINAL CONTRACT AMOUNT:</b>	\$	101,774.00
<b>TERMINATION PRIOR AMENDMENT:</b> 11/30/2014	<b>PRIOR AMENDMENT(S):</b>	\$	71,628,565.00
<b>TERMINATION THIS AMENDMENT:</b> 11/30/2014	<b>AMOUNT THIS AMENDMENT:</b>	\$	14,685,472.00
	<b>REVISED CONTRACT AMOUNT:</b>	\$	86,415,811.00

**CONSTRUCTION CONTRACT AMENDMENT**

**WHEREAS,** COUNTY and CONTRACTOR entered into the Contract referenced above for Construction Manager at Risk services for the Downtown Court Complex; and

**WHEREAS,** COUNTY and CONTRACTOR have mutually agreed upon an acceptable Guaranteed Maximum Price (GMP), schedule, SBE goal, and scope of work for the construction of the Parking Garage, Retail and Sitework; and

**WHEREAS,** COUNTY and CONTRACTOR have agreed to modify the contract to incorporate this GMP.

**NOW, THEREFORE,** it is agreed as follows:

**1. CHANGE: ARTICLE II – SCOPE OF WORK**

Add at the end of Article:

"The parties agree to proceed to construct the Parking Garage, Retail and Sitework as defined by as fully described in the Exhibit "A-Amd14": Pima County Downtown Courts Complex Parking Garage, Retail, and Site Work Guaranteed Maximum Price Proposal prepared by Sundt Construction, Inc. revised February 11, 2014 (106 pages) which is hereby added and incorporated herein.

**2. ADD:** Paragraph "G" to Article III – Pre-Construction Phase Fee and Guaranteed Maximum Price at the end thereof as follows:

"CMAR's Construction Phase Fee, plus the Cost of the Work (direct construction cost) plus a contingency, bonds, insurance and taxes (indirect construction costs) comprises the GMP for **Downtown Courts Complex Parking Garage, Retail and Sitework** in the amount of **Fourteen Million Six Hundred Eighty Five Thousand Four Hundred Seventy Two Dollars (\$14,685,472.00)**. If the GMP requires an adjustment due to changes in the Scope of the Work during the Construction Phase, the cost of such changes shall be priced under Article 10 of the General Conditions. The addition of this GMP increases the not to exceed Contract amount to **Eighty Six Million Four Hundred Fifteen Thousand Eight Hundred Eleven Dollars (\$86,415,811.00)**. In the event of conflict with other paragraphs of this Article, the revised not to exceed contract amount in this paragraph takes precedence.

This Amendment shall be effective February 18, 2014.

All other provisions of the Contract, not specifically changed by this Amendment, shall remain in effect and be binding upon the parties.

**APPROVED:**

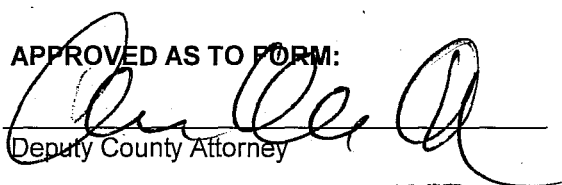
\_\_\_\_\_  
Chair, Board of Supervisors

\_\_\_\_\_  
Date

**ATTEST:**

\_\_\_\_\_  
Clerk of the Board

**APPROVED AS TO FORM:**

  
Deputy County Attorney

**CHARLES WESSELHOFT**

\_\_\_\_\_  
Name (Please Print)

2-12-17  
Date

**CONTRACTOR:**

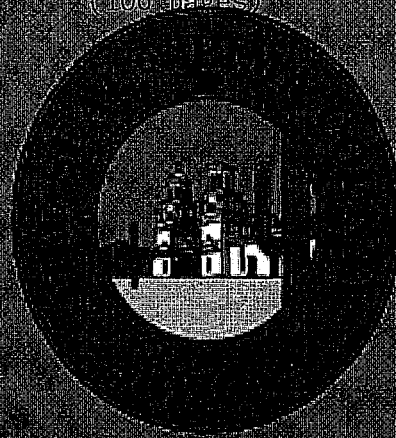
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name and Title (Please Print)

\_\_\_\_\_  
Date

EXHIBIT A - Amd. 14

(106 PAGES)



PIMA COUNTY

DOWNTOWN COURTS COMPLEX

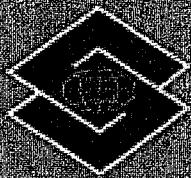
PARKING GARAGE, RETAIL, AND SITEWORK

TUCSON, ARIZONA

GUARANTEED MAXIMUM PRICE PROPOSAL

REVISED

February 11, 2014



SUNDT

**AECOM**

**GLHN**  
ARCHITECTS & ENGINEERS, INC.





# SUNDT

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**DOWNTOWN COURTS COMPLEX  
PARKING GARAGE, RETAIL, and SITEWORK  
Tucson, Arizona**

**GUARANTEED MAXIMUM PRICE (GMP) PROPOSAL  
(Revised)**

**TABLE OF CONTENTS**

**GMP CONTRACT DOCUMENTS**

- I. SCOPE OF WORK, CLARIFICATIONS, AND ASSUMPTIONS
- II. DOCUMENT LIST
- III. GMP SUMMARY
- IV. GMP DETAIL
- V. PROJECT SCHEDULE
- VI. SMALL BUSINESS ENTERPRISE REPORT

**APPENDIX**

- VII. ORGANIZATIONAL CHART
- VIII. DESIGN EVOLUTION LOG
- IX. SITE LOGISTICS PLAN
- X. SUNDT CONCRETE LABOR REIMBURSEMENT RATES
- XI. SUBCONTRACTOR BID SUMMARY



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**SCOPE OF WORK**

**100% DESIGN DEVELOPMENT DOCUMENTS  
GUARANTEED MAXIMUM PRICE**

**to**

**PIMA COUNTY FACILITIES MANAGEMENT  
DEPARTMENT**

**for the**

**DOWNTOWN COURTS COMPLEX –  
PARKING GARAGE, RETAIL, AND SITEWORK**

**Prepared by:**

**SUNDT CONSTRUCTION, INC.**

**Tucson, Arizona**

**Revised February 11, 2014**



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## TABLE OF CONTENTS

I.	COMMERCIAL ESTIMATE CLARIFICATIONS AND QUALIFICATIONS.....	1
A.	ESTIMATE .....	1
B.	INTENT .....	1
C.	GENERAL CONDITIONS AND GENERAL REQUIREMENTS .....	1
D.	STIPULATED PERSONNEL REIMBURSEMENT RATES .....	2
E.	CONTINGENCIES .....	2
F.	ALLOWANCES .....	2
II.	SCOPE OF WORK .....	3
A.	GENERAL PROJECT SCOPE .....	3
B.	INFORMATION REQUIRED TO DEVELOP THE LAND .....	3
C.	DESIGN/CONSTRUCTION SCHEDULE .....	4
D.	QUALITY ASSURANCE .....	4
E.	DOCUMENT PRIORITY .....	5
F.	LEED .....	5
G.	TEMPORARY CONSTRUCTION .....	5
H.	CLEAN-UP .....	5
I.	INSURANCE .....	5
J.	WARRANTY .....	6
K.	BUILDING TURNOVER .....	6
III.	SYSTEMS DESCRIPTION .....	7
A.	GENERAL .....	7
B.	DIVISION 01 - General Requirements .....	7
C.	DIVISION 02 - Existing Conditions .....	9
D.	DIVISION 03 - Concrete .....	9
E.	DIVISION 04 - Masonry .....	11
F.	DIVISION 05 - Metals .....	12
G.	DIVISION 06 - Wood and Plastics .....	12
H.	DIVISION 07 - Thermal and Moisture Protection .....	13
I.	DIVISION 08 - Doors and Windows .....	15
J.	DIVISION 09 - Finishes .....	16
K.	DIVISION 10 - Specialties .....	17
L.	DIVISION 11 - Equipment .....	18
M.	DIVISION 12 - Furnishings .....	19
N.	DIVISION 14 - Conveying Systems .....	19
O.	DIVISION 21 - Fire Suppression .....	22
P.	DIVISIONS 20, 22, and 23 - Plumbing and Mechanical .....	22
Q.	DIVISION 26 - Electrical .....	24
R.	DIVISION 31 - Earthwork .....	24
S.	DIVISION 32 - Exterior Improvements .....	25
IV.	GENERAL EXCLUSIONS .....	26



# SUNDT

## **I. COMMERCIAL ESTIMATE CLARIFICATIONS AND QUALIFICATIONS**

### **A. ESTIMATE**

SUNDT CONSTRUCTION provides this revised "Guaranteed Maximum Price" (GMP) for the Pima County Downtown Court Complex – Parking Garage, Retail, and Sitework as defined by the 100% Design Development Documents, dated October 18, 2013, along with supplemental documents issued, all enumerated in the GMP deliverable, and this Statement of Scope Document for the Sum of Fourteen Million Six Hundred Eighty-Five Thousand Four Hundred Seventy-Two and no/100 Dollars (\$14,685,472.00), inclusive of CMAR Contingency. This GMP Proposal is qualified and clarified as presented in the following sections of this document.

### **B. INTENT**

1. Direct Costs are included in this GMP for all required scopes of work and Division 1 General Requirements, plus the following Design Allowance based on a Lump Sum amount:
  - a. Design Contingency: (by Pima County) ZERO (\$0.00)
  - b. Due to this GMP being given on DD Documents if design scope changes increase the cost it will be funded by the Owner's Contingency.
2. The following indirect rates are applied within this GMP to Direct Costs and other cost categories in accordance with the CMAR Contract:
  - a. Subcontractor Wrap-up Insurance: Subcontracted value (calculated on the total direct costs, less Sundt self-performed work scope, and listed on the GMP Summary Sheet).
  - b. Subcontractor Default Insurance: Subcontracted value (calculated on the total direct costs and listed on the GMP Summary Sheet).
  - c. CMAR Insurances: Contract Sum
  - d. Payment and Performance Bonds: Contract Sum
  - e. CMAR Fee: Total Contract Sum less tax and CMAR Fee
  - f. Gross Receipts Tax: Total Direct Costs and Indirect Costs less Gross Receipts Tax.
3. The GMP includes a Construction Contingency in accordance with the CMAR Contract as follows:
  - a. Construction Contingency (calculated on total Direct Costs) Two Percent (2.0%)

### **C. GENERAL CONDITIONS AND GENERAL REQUIREMENTS**

1. General Conditions include CMAR labor, equipment, and materials necessary to administer construction of the Project. Based on the documented project scope and proposed CPM Construction Schedule included in the GMP deliverable, Sundt has included estimated General Conditions in this GMP at a rate per calendar day, for the Parking Garage, Retail, and Sitework. This amount does not include General Conditions of subcontractors, which are incorporated in Direct Costs.
2. General Requirements include construction support, means, and methods specified in Division 01 of the specifications. Based on the documented project scope and proposed CPM Construction Schedule included in the GMP deliverable, Sundt has included estimated General Requirements as a Direct Cost in this GMP at a rate per calendar day. This amount does not include General Requirements provided as part of trade work (other than Sundt Concrete), which are incorporated in other Direct Cost items.



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## D. STIPULATED PERSONNEL REIMBURSEMENT RATES

1. Stipulated Personnel Reimbursement Rates as included in Appendix E of the CMAR Contract have been used as the basis of calculating General Conditions and General Requirements costs included within the GMP.
2. See Appendix, Tab XI for Sundt Concrete stipulated personnel reimbursement rates.

## E. CONTINGENCIES

1. Design Allowance will be carried by Pima County. Any costs incurred as the result of design changes and refinements to bring the construction documents to Permitted 100% completion have not been included in the GMP costs. Construction Contingency is included in the GMP as an Allowance to defray contractually allowable costs for which the Contractor is responsible to complete the project consistent with the design intent. Construction Contingency is not intended for use to fund scope changes, unforeseeable conditions, or other changes inconsistent with design intent. All unused Construction Contingency will be returned to Owner at project final completion.
2. Owner Contingency is not included in the GMP and would be used to fund Change Orders due to scope changes, unforeseeable conditions, or other design changes.

## F. ALLOWANCES

1. Allowances are amounts included in the GMP for a particular system or scope of work for which sufficient detail is not available in the design documents at the time of the GMP for the Contractor to determine a definitive quantity and/or cost. Allowances included in the GMP cost of the work are intended to be reasonable estimates for assumed work scopes, including Direct Costs of labor, materials, equipment, and subcontractor costs. Allowances will be administered in accordance with terms of the CMAR Contract.
2. The following is a summary of the Allowances included in this GMP:

a.	Craft Parking on the corner of 6 <sup>th</sup> Street and Stone Avenue	\$15,950.00
b.	Stone Avenue drainage issue	\$15,000.00
c.	Building address numbers (5 each)	\$2,500.00
d.	Ice Allowance per III.D. Division 3.2.f.	\$20,318.00
3. The \$25,000.00 for unforeseen conditions (Print Company Foundations) is not included in this GMP and should be carried by Pima County to cover this Potential issue.





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## II. SCOPE OF WORK

### A. GENERAL PROJECT SCOPE

1. The general project scope is listed as follows:
  - a. Site Size (Approximately) 4.15 AC
  - b. Building Gross Square Footage (Approximately) 243,019 GSF
2. Regulatory Requirements:
  - a. Owner shall secure all governmental approvals and permits related to the design and construction of the proposed project.
  - b. Costs for the following permits and fees related to governmental approvals are **not included** in the construction budget:
    - 1) All Construction Permits, Operating Permits, and Plan Check Fees.
    - 2) Sewer Assessment Fees.
    - 3) Water Meter Fees.
    - 4) Inspection Fees.
    - 5) Development Fees.
    - 6) Real Estate Costs or impact fees.
    - 7) Permits associated with permanent facilities and improvements.
    - 8) Property taxes.
    - 9) Utility company development and impact charges including, but not limited to: Tucson Electric Power (TEP), Qwest, Cox, Southwest Gas, Tucson Water, and Pima County Wastewater. This would include design engineering and any associated equipment.
    - 10) Impact and special assessment fees by authorities having jurisdiction relative to offsite public improvements and services.
    - 11) Site improvement and landscaping bonds.
    - 12) As in the Tower-TI, all utility consumption fees including water, power, and gas are not included and will be invoiced to and paid by the County.
    - 13) Connection and tap fees.
  - c. Costs for the following permits and fees related to governmental approvals are **included** in the construction budget:
    - 1) Business licenses.
    - 2) Permits for CMAR's temporary facilities.
    - 3) Right of Way permits including indemnity letters.
    - 4) Municipal completion/maintenance bonds.

### B. INFORMATION REQUIRED TO DEVELOP THE LAND

1. Owner shall provide Property Survey (i.e.: Alta, Topographic, and Boundary).
2. Owner shall provide Geotechnical Reports.
3. Owner shall provide Environmental Assessment Reports.
4. Owner shall provide Hazardous Materials Reports.
5. Owner shall provide Archeological Investigation and Report.
6. Owner shall resolve any right-of-way issues with the City of Tucson (building foundations are in the right-of-way).



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**C. DESIGN/CONSTRUCTION SCHEDULE**

1. CMAR has prepared, and included in the GMP deliverable, a Critical Path Method (CPM) Schedule for the project construction phase data dated February 3, 2014. This Schedule indicates the dates for starting and completion of the various stages of construction, and shall be updated on a regular basis to reflect the actual progress of each phase.
2. The following holidays will be recognized on this Project and no work shall be performed on these days unless at the discretion of the CMAR:
  - a. President's Day
  - b. Memorial Day
  - c. Independence Day
  - d. Labor Day
  - e. Thanksgiving Day
  - f. Thanksgiving Friday
  - g. Christmas Eve
  - h. Christmas Day
  - i. New Year's Day

Holidays that fall on a Saturday will be observed that day. Holidays that fall on a Sunday will be recognized on the immediately following Monday.

**D. QUALITY ASSURANCE**

1. CMAR shall implement a quality control program to monitor subcontractor's work and coordinate Owner's quality control and testing.
2. CMAR shall coordinate a quality assurance program which will be arranged and paid for by the Owner. The program shall include the following, but not limited to:
  - a. Earthwork observation and testing by an independent agency.
  - b. Bituminous pavement observation and testing by an independent agency.
  - c. Cast-in-place concrete observation and testing by an independent agency.
  - d. Structural steel observation by an independent agency.
  - e. Civil Engineer's reviews and observations.
  - f. Structural Engineer's reviews and observations.
  - g. Architect's reviews and observations.
  - h. Mechanical Engineer's reviews and observations.
  - i. Electrical Engineer's reviews and observations.
  - j. Roofing and waterproofing inspections. Roofing inspection shall be performed by the roofing manufacturer's warranty representative, as specified, at no additional cost to the Owner.
  - k. Special inspections.
  - l. Third party commissioning.
  - m. Building envelope commissioning (if required)
  - n. Smoke Control Testing and Certification (if required).
  - o. Acoustical testing, (if required).
  - p. Sundt will be responsible for testing defective work and related costs.

**E. DOCUMENT PRIORITY**

1. Project Documents:
  - a. GMP setting documents will be given the following order of prioritization:
    - 1) Clarifications and Assumptions.
    - 2) GMP Estimate.
    - 3) Estimate Drawings.
    - 4) Estimate Specifications.
    - 5) Responsibility Matrix.
2. This GMP Proposal is based upon the premise that the Design Team will complete 100% Construction Documents incorporating the clarifications and assumptions of this document from the 100% Design Development GMP Documents and incorporating the value engineering issues accepted in the Design Evolution Log (DEL), dated February 7, 2014, and referenced herein, to allow the project to obtain a grading/foundation permit by March 18, 2014, and 100% Construction Documents by April 7, 2014.

**F. LEED**

1. At the request of the Owner, the Parking Garage, Retail, and Sitework incorporated into this GMP Proposal are NOT being LEED certified. Therefore, Specification Sections 018113.13 Sustainable Design Requirements – LEED for New Construction and Major Renovations, as well as Specification Section 019113 – General Commissioning Requirements will not be implemented on this project.

**G. TEMPORARY CONSTRUCTION**

1. CMAR shall provide all mobilization, temporary construction facilities, roadways, storage, parking, and utilities required to complete project construction. At such time that it is necessary to remove the construction trailers from the site, Sundt will be permitted the use of a space of equal size in the facility.
2. CMAR will construct and maintain the Storm Water Pollution Prevention Program (SWPPP) during construction. Upon final completion of the project the CMAR's SWPPP will be finalized and removed. Any requirement for ongoing SWPPP, following completion of the Core and Shell project will be the responsibility of the Owner.
3. CMAR will utilize existing on site fence. Existing fence boundaries may be modified as required to satisfy work clearance, safety, or other upon completion of the project work. The existing fence will not be covered in screen cloth.
4. CMAR will utilize an adjacent vacant lot for offsite construction parking. (Refer to paragraph I.F.2.a above.) The cost of this City of Tucson lot is covered in an Allowance.
5. Owner is responsible for all temporary utility construction costs. This includes invoices from TEP, City of Tucson Water, and Southwest Gas.

**H. CLEAN-UP**

1. CMAR shall be responsible for construction trash removal and shall, at all times, keep the building and site free from accumulation of debris. Upon completion, the building shall be turned over to Owner in a clean "ready for use" condition.

**I. INSURANCE**

1. CMAR shall maintain Worker's Compensation Insurance, Comprehensive Public Liability Insurance, and Builder's Risk Insurance "All Risk" form for this project in accordance with



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CMAR Contract, through Substantial Completion. Building contents and items installed by others prior to Substantial Completion are not included.

2. Responsibility for property insurance including building contents shall transfer to Owner upon Substantial Completion of the project.

## **J. WARRANTY**

1. CMAR shall repair or replace any defective or faulty work for a period of two (2) years from the date of Substantial Completion or Owner occupancy, whichever is earlier. The GMP includes longer specific warranties as noted in the technical specifications.
2. Twenty-two (22) months after substantial completion, CMAR and Owner will inspect the project and identify any defects which shall be corrected immediately.

## **K. BUILDING TURNOVER**

1. The building turnover will include the following:
  - a. Operation and Maintenance Manuals at substantial completion.
  - b. Record drawings within 30 Days after building turnover, in the form of digital data files and hard copies as necessary to comply with State of Arizona retention laws. A 3D model as-built is not included; however, Sundt can work with the Team to develop a price for this option.
  - c. Equipment demonstration and training.



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### III. SYSTEMS DESCRIPTION

#### A. GENERAL

1. The following work scope definitions are Clarifications and Assumptions, and are intended to supplement the detailed work scope and the GMP.
2. Recommendations of any consultant reports such as soils, acoustical, building envelope, etc. have been included to the extent that such requirements are included in referenced Design Documents.

#### B. DIVISION 01 - General Requirements

1. Employee screening and drug testing will comply with Sundt Safety Policy.
2. Protected pedestrian walkways along Stone Ave., Toole Ave., and Alameda St. are not included based on the assumption that these street frontages will be closed to pedestrian use during construction. See Paragraph II.G Temporary Construction for additional information.
3. Digital construction progress photographs taken by CMAR staff are included. Professional aerial, video photography, or web-based photography are not included.
4. Temporary project signs are existing and no additional signs will be required.
5. Blue Stake locating and potholing of identified utility services are included. Third-party private utility locating services are not included.
6. Site security is included in the form of surveillance camera systems with 24-hour monitoring. Public safety dispatch will be contacted in the event of suspicious activity. Compensation of public safety services or a private security service watchperson is not included.
7. Reproduction of all documents originated by CMAR and contracted subcontractors/suppliers is included. Cost is not included for reproduction of construction documents or other documents originated by Owner, Architect, design consultants, or other third parties.
8. GMP assumes that extended work hours will be permitted by City of Tucson for construction operations that cannot be reasonably accomplished within traditional work hours.
9. Scheduling and Quality Control will be provided by CMAR project staff with support from CMAR specialists where necessary. Full time dedicated Scheduling and Quality Control staff are not included.
10. Layout of major project components by an Arizona Registered Land Surveyor is included. Layout of specific building components will be provided by CMAR or trade personnel as pertinent to accurately locate Work.
11. Architect shall consider substitutions for convenience when properly presented by CMAR. Substitutions shall be made on a mutually agreeable form.
12. Construction administration, including RFI's, submittals, etc. shall be managed through Prolog and E-mail.
13. An "Integrated Mock-up" will not be provided.
14. This GMP is for the construction of the Sitework, Parking Garage, and Retail building, supplemental to the previous construction of Phase I and Phase II associated interior buildout.
15. Electronic files shall be provided in "live, searchable pdf format."
16. Specification Section 011000 – Summary; Paragraph 1.7.D – Vibration – Spec lists Chicano Bldg., Tucson City Courts. The Historical Buildings on the opposite side of Stone are not included.
17. Project Management & Coordination – GMP includes commitment of project team for the Parking Garage, Retail, and Sitework phase of the project.
18. Specification Section 013100 – Project Management and Coordination; Paragraph 1.5.D.1 – GMP does not include salvage and return of existing materials to Owner. Nothing is evident on the site.





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19. Specification Section 013100 – Project Management and Coordination; Paragraph 1.7.D – Design Team will respond to normal construction RFI within seven (7) days, and critical RFI requests within the time frame requested by the CMAR. Specification Section 013100 – Project Management and Coordination; Paragraph 1.8.D – CMAR will work with project team to produce a data licensing agreement acceptable to Owner and Architect.
20. The 100% Design Development specifications contain empty brackets and non-selection of design criteria points. Therefore Sundt has endeavored to qualify the GMP pricing and specifications with these scope clarifications and assumptions. In the event of a discrepancy between the specifications and the scope document, the scope document shall prevail.
21. Specification Section 013200 - Construction Progress Documentation; Paragraph 2.1.A Contract start of construction to be based upon date of Notice to Proceed.
22. Specification Section 01320; Paragraph 2.1.D - Construction Progress Documentation; GMP includes project schedule and other milestones as defined in the GMP Document, dated February 7, 2014.
23. GMP does not include laser scanning to address Specification Section 013233; Paragraph 3.1.C.
24. Specification Section 013300 - Submittal Procedures - GMP anticipates the Architect and Engineers will provide one set of electronic digital contract document files for submittals.
25. Specification Section 014000 - Quality Requirements; Paragraph 1.3.C.1 - Exterior Closure Mock-up has not been included as it is not required. Reference Paragraphs I.F.2 and III.B.13.
26. Specification Section 014000 - Quality Requirements; Paragraph 1.7.D.1 - GMP does not include Special Inspections. The only testing Sundt will provide, and pay for, relates to retesting of defective work.
27. Specification Section 015000 - Temporary Facilities; Paragraphs 1.3. A, B, C, and D. CMAR anticipates that the “existing utilities” described, do exist, and are available for CMAR to access for temporary use during the project. Costs associated with temporary and permanent utility metering and consumption will be the responsibility of the Owner.
28. Offsite Temporary Parking is included in the GMP based on a quoted rate from City of Tucson for a lot near the intersection of Sixth Ave. and Toole Ave. accommodating between 75 and 100 cars. (Reference Allowances paragraph I.F.2.a.)
29. Specification Section 015000 - Temporary Facilities; Paragraph 2.2.B.7. GMP does not include a separate office trailer for Architect and Owner with associated furniture, telephones, and internet connection. One furnished spare office will be provided in the construction office for joint use by Architect, design consultants, and Owner. Dedicated computer, printer, fax, or similar equipment is not included for these parties. Sundt will coordinate the installation of communication lines via fiber optic, or other means, that is beneficial to all parties regarding security, speed of connection, and cost of service.
30. Specification Section 015000 - Temporary Facilities; Paragraph 3.4.F.1. CMAR will utilize existing fence. Existing fence boundaries may be modified as required to satisfy work clearances, safety, or other requirements. Reference Paragraph II.G.3.
31. Specification Section 015000 - Temporary Facilities; Paragraph 3.4.F.2. Provide a knox box for Fire Department access and send duplicate keys to Tucson Fire Department.
32. Specification Section 017419 - Construction Waste Management & Disposal; Paragraphs 1.7.A, and 3.1.B. GMP does not include the Waste Management Coordinator. Waste coordination will be provided by Waste Subcontractor.
33. Specification Section 017900 - Demonstration & Training; Paragraph 1.5.A. GMP does not include Professional Training Personnel.



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34. Specification Section 017900 - Demonstration & Training; Paragraph 3.2.A. GMP does not include the Training Facilitator.
35. Building grades are based upon elevation information provided by the Structural design documents.

**C. DIVISION 02 - Existing Conditions**

1. Work to be completed per Project Special Provisions, Pima County Specifications, Tucson Water specification/details, City of Tucson specifications, and the specifications and requirements of the servicing utility companies.
2. Site over-ex and re-compact includes Retail building footprint, in accordance with the soils report, as issued by NCS per e-mail DCCPG - Soils Report and Foundations at Retail Space from Deon Bender dated October 30, 2013. Site over-ex and re-compact are not included in the site area north of the Tower.
3. Power Pole removal only has been included. Overhead power, data, etc. to be removed by service providers. The Owner is responsible for coordination and any associated costs applicable of utility service removal with support efforts from CMAR.
4. Shoring is designed to remain in place after construction and backfill is complete. There is a budget for cutting piles and removing approximately the top five (5) feet of shoring system or as needed for all items outside of building.

**D. DIVISION 03 - Concrete**

1. General Concrete:
  - a. Site Concrete:
    - 1) Cast-in-place concrete sidewalks, curb, and gutter shall be provided in accordance with the 100% Design Development documents and the revised Landscape Design documents dated January 20, 2014.
    - 2) Includes slab-on-grade sidewalks in lieu of the cast-in-place concrete bridges on Stone Avenue. They are not structurally designed in the detail provided.
  - b. Building/Garage Concrete:
    - 1) Slab on Grade - Retail and Garage:
      - a) Slabs on Grades to be 4" of concrete on 4" of aggregate base course at the Retail building and 5" of concrete on 4" of aggregate base course at the Parking Garage.
      - b) The Retail interior slab includes a block out for future tenant improvements of approximately 16 feet wide by 108 feet long.
      - c) Vapor barrier will be utilized at the Retail space only and not the Parking Garage.
      - d) Slab on grade construction joint spacing shall be in compliance with applicable standards of ACI.
    - 2) CIP Footings and Walls - Basement Level:
      - a) Includes all required formwork including footings.
      - b) Includes installation of embedded metals such as weld plates and bolts.
      - c) Includes dry packing of baseplates for concrete to steel connections.
      - d) ACI Class B Finish to both sides of Perimeter Basement Walls as Baseline for GMP.



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- e) The GMP Proposal is based upon constructing the elevator pit at Elevators #1 and #2, with both elevators stopping on the Lower Level.
- f) Ice has been included for summer concrete mass 3 ft. or greater in thickness, depending on the outside ambient temperature, per ACI Standards.
- g) Includes Design Evolution Log Item #03-14 – Change foundation concrete design mix to include fly-ash and eliminate air entrainment. Fly-ash not to exceed 5%, per Design Evolution Log Item #03-14.
- 3) Miscellaneous Items Included in Scope:
  - a) Bus stop on thickened slab per Carter Volle.
  - b) Walls where shown on landscape and front entrance area drawings, are to be ACI Class A Finish where exposed to public view.
  - c) Walls where shown on structural, landscape, and front entrance area drawings are to be ACI Class C Finish where exposed to backfill conditions.
  - d) Sawcut control joints shall be provided for the control of shrinkage cracking at the Retail building.
  - e) Parking Garage topping joints will be tooled and broom finished.
  - f) Concrete slabs shall be treated with liquid applied dissipating curing compound.
  - g) Metal pan stair treads and landings shall be provided with concrete fill, broom finished, sealed, and reinforced with fibers.
  - h) Concrete walls and columns can be stripped 12 hours after placement.
  - i) Concrete slump to be measured at the point of placement, such as the end of the hose per ACI standards.
  - j) Horizontal concrete finishes shall be per the specifications. Garage: broom and tool joints. Retail: machine trowel.
  - k) Owner's testing lab will provide additional cylinders as requested by CMAR to facilitate concrete schedule for stripping.
  - l) All concrete shall be membrane cured. Water cure is not included.
  - m) Concrete toppings on precast double tees will be placed in two placements with one half of each bay being placed at each scheduled placement.
  - n) Shrinkage reducing admixture per Specification Section 030000.2.12.D.4 (page 9) is not included. Walker Structural Engineer has approved this exclusion, per Design Evolution Log Item #03-01.
  - o) Water reducing admixture is acceptable if needed for concrete pumping.
- c. Precast Concrete:
  - 1) Exterior finish includes architectural concrete with integral color pigment and sandblast finish to match Court Tower, form-liner on lower levels is similar to the Tower.
    - a) Retail component: architectural precast walls and standalone architectural precast columns, braced per PCI.



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- b) Precast clarification on 136 pcf lightweight concrete for Lite-walls was made to Walker Parking general structural notes on sheet S001, III.A.5. All other concrete is normal weight concrete, 145 pcf.
  - c) All exposed precast lift points to be concealed by industry standard swift-lift covers.
  - d) Includes integral water repellants applied to architectural precast products.
  - e) This GMP is based on using Coreslab standard (E47) topping slab connection detail in lieu of Walker A3/S411. Detail E47 will be furnished upon request.
  - f) Includes 12" interior horizontal precast walls, and 10" interior precast vertical lite walls along the ramp.
  - g) Includes the solid precast roof panels at the elevator cores.
  - h) All parking structure precast columns are plain gray, form finished.
  - i) Change all exposed steel connections to epoxy painted in lieu of galvanizing, per Design Evolution Log Item #03-05, dated January 22, 2014.
  - j) Precast Concrete - Change Framing Detail at Ell Beams, at Grids 9 (west) and 4 and 9 (east) to Allow Spandrel Panels to be Column Supported per Design Evolution Log Item #03-08, dated January 22, 2014.
  - k) Precast Concrete - Allow Double-Tee to Bear or be Supported by the Basement Retaining Walls on a Continuous Ledger per Design Evolution Log Item #03-09, dated January 22, 2014.
  - l) We have accounted for the elevator installation at the basement level by deleting the pillar between the doors and installing the pillar after with block or stucco.
  - m) Construct the Elevator Core Fronts of Precast Concrete Wall Panels in lieu of Masonry, per Design Evolution Log Item #03-13.
- 2. Includes the demolition of the man door block out between Parking Garage and Courts Tower basement.
  - 3. Includes necessary Parking Garage and Retail housekeeping pads.
  - 4. **EXCLUSIONS:**
    - a. Transfer slabs over backfill zones are not included in this GMP.
    - b. Architectural precast concrete mockups.
    - c. Stainless steel requirements for double tee flange connections, reference Design Evolution Log Item #03-03.
    - d. Double tee stem blockouts, per Design Evolution Log Item #03-04.
    - e. Remove the future PV system from the structural design, per Design Evolution Log Item #03-12.

## **E. DIVISION 04 - Masonry**

- 1. Includes concrete masonry units, joint reinforcement, rebar, and grouting per Core/Shell specifications.
- 2. Includes Level 1 Electrical/Telecom/Security Room; Level 2 Electrical Closet #200; Lower Level Remote Closet.



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**F. DIVISION 05 - Metals**

1. Structural and Miscellaneous metals includes:
  - a. Site improvements include one (1) steel plank plaza planter boardwalk, including engineering, from the Design Evolution Log Item #02-08.
  - b. GMP Proposal includes elevator spreader beams, elevator pit ladders (2 each).
  - c. Retail space includes:
    - 1) Structural tube columns, HSS 6 x 6 x 3/8.
    - 2) Roof decking, 1-1/2" B deck, 20 ga. galvanized.
    - 3) Wide flange framing at Retail space and canopies.
    - 4) Open web steel joists and bridging per preliminary roof framing design issued December 10, 2013.
    - 5) L 3 x 3 x 1/4 ledger angles at Retail roof.
    - 6) Canopy frames, C8 x 11.5 structural channels.
    - 7) Reference preliminary design sketch from Walker Consultants.
  - d. One (1) roof access ladder.
  - e. Retail entry canopy includes 1-1/2" perforated B deck, 20 ga. Galvanized.
  - f. Priming of the deck referenced in the specifications is not included.
  - g. The stairs offered in this GMP Proposal are a "Pre-Engineered Drop In Stair System" and consist of stringers, treads and landings, stair handrails, tube steel posts, pickets, and pipe grab rails. Security panels at stair where indicated, intercrimped wire mesh panels 2 x 2 x .135 with angle frames.
  - h. Guardrail with tube frame and wire mesh panels 2 x 2 x .135 with angle frame.
  - i. Security panels with tube frame and intercrimped wire mesh panels 2 x 2 x .135 with angle frame.
  - j. Pipe bollards, 76 each.
  - k. Elevator sump pit frame and grates.
  - l. Canopy frames at stair towers with C8 x 11.5 channel frames with pipe hangers.
  - m. Plate scuppers.
  - n. Tube scuppers.
  - o. Removable post barricades.
  - p. All steel to be prime painted with standard rust-inhibitive primer.
  - q. Includes traffic barriers on Levels 2, 3, and 4, per new design documents and Design Evolution Log Item #02-13.
2. **EXCLUSIONS (not listed above):**
  - a. Sandblasting of metals.
  - b. Special finishes.
  - c. Steel plank pedestrian bridges on Stone Avenue are not included.
  - d. Embed plates for future PV roof installation, per Design Evolution Log Item #05-04.
  - e. Eliminate elevator guiderail support steel, per Design Evolution Log Item #05-06.

**G. DIVISION 06 - Wood and Plastics**

1. Rough carpentry is provided for:
  - a. Blocking and backing of finish hardware.
  - b. Wood nailers at roof curbs.
  - c. Parapet and wall cap nailers.
  - d. Expansion joint support framing.
  - e. Miscellaneous rough carpentry.
  - f. Telephone mounting boards.





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2. Millwork:
  - a. Flush overlay plastic laminate cabinets with melamine interiors.
  - b. AWI Certification Custom.
  - c. LEED FSC NAUF core material.
  - d. Standard 120 degree hinges.
  - e. Standard 96 mm brushed chrome wire pulls.
  - f. 3 mm edge on cabinets in standard colors only.
  - g. Staron sanded series solid surface countertops with cove splash.
  - h. Base cabinet millwork in the niche on the south wall of Open Office 113.
  - i. All furniture in the retail office areas (desks, cubicles, tables, chairs, etc.) by Owner.

**H. DIVISION 07 - Thermal and Moisture Protection**

1. Bentonite Waterproofing:
  - a. Waterproofing at south wall of Tower to be adjusted, repaired prior to Garage construction. Utilizing the same products used in the Court Tower project.
2. Insulation:
  - a. Batt insulation included at the exterior framed conditions where there is no rigid insulation as shown in the Contract Documents.
3. Roofing:
  - a. SBS modified roofing and sheet metal flashing with trim
  - b. Provide galvanized steel, 24 ga., scuppers in pre-made openings.
  - c. Provide walkpads at service side of mechanical units.
  - d. Provide galvanized steel reglet, 24 ga., and counterflashing, 26 ga.
  - e. Includes a twenty-year manufactures' no dollar limit (NDL) warranty.
  - f. Includes a two-year contractor warranty.
  - g. Roofing inspections and testing by Owner.
  - h. Painted coping has been included.
4. Metal Roof Panels - Section 074120, is not applicable.
5. Insulated Metal Wall Panels - Section 07 42 16:
  - a. 2" thick x 24" wide "Optimo System" by Kingspan, 22 gauge smooth steel with Kynar 500 paint finish. Interior skin panel shall be 24 gauge embossed with siliconized polyester paint finish in "white" paint.
  - b. Exterior color shall be "Pigmento Rouge" to match Courts Tower.
6. Sealants:
  - a. Concrete Sealer on top deck of garage inclusive of ramp. Product included in pricing is Prosoco Siloxane WB Concrete.
  - b. Graffiti coating at exterior of parking garage up to 10 feet. Product not specified, therefore, CMAR will provide one application (per manufacturer's instructions) Prosoco Sure Klean Weather Seal Blok-Guard and Graffiti Control.
7. Joint Sealants:
  - a. All joint sealants will be per plans utilizing Tremco products.
  - b. Site joint sealants will be DOW 888 and DOW 890SL.
  - c. Includes pipes and drains through topping slab per A2 and A3/S412.
  - d. Includes sealants at pipe bollards in precast topping slab per D3 and D4/S412.
  - e. Includes sealants at pipe bollards on grade per C3/S402.
  - f. Includes sealants at bumper guard base per E3/S412.
  - g. Includes sealants at hollow metal doors at masonry and concrete.
  - h. Includes sealants at elevator door frames at precast concrete.



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- i. Includes joint sealants at topping slab to tower, levels 1, 2, 3, and 4 per B2/S101.
  - j. All interior parking garage joints per A2 and C2/S403 (except: slab on grade joints).
  - k. Topping slab to vertical per B4/S403, includes grinding and caulking.
  - l. Eliminate Application of Primer at Precast-to-Precast Joints, mechanically abrade (grinding or shot blasting) the sides of the joint to provide the specified 5-year warranty, per Design Evolution Log Item #07-03
  - m. Includes inverted tee beam joints per A3, D1, and E6/S530, includes grind/caulk.
  - n. Includes precast beam at column per A4/S403; A4 and C3/S411, includes grind/caulk.
  - o. Includes sealant at foundation wall to garage per D2/S405; C3/S407 - inside joint only, grind/caulk.
  - p. Includes sealant at extension walls at precast panels, Levels 2-7, grind/caulk.
  - q. Includes sealant at vertical precast joints, grind/caulk.
  - r. Includes sealant at horizontal precast joints, grind/caulk.
  - s. Included fire rated vertical/horizontal joints at shops per A6/S406.
  - t. Includes sealant at light wall precast joints, grind/caulk.
  - u. Includes elevator precast joints, grind/caulk.
  - v. Includes sealant at exterior spandrel at columns.
  - w. Includes sidewalk to vertical joints per A5/C211.
  - x. Includes expansion joints between change of texture and color.
  - y. Sidewalk expansion joints at natural gray, 30 ft. o.c. per A5/C211.
  - z. Entrance slab to garage per E2/S402.
8. Traffic Coating:
- a. Limited to the areas immediately above the Electrical Room 102, and Remote Elevator Closets (2 each) extending to 2 feet beyond the footprint of the room below, per B4, D4, and D6/S403.
9. Concrete Sealer:
- a. Install concrete sealer on top deck exposed to the sky.
  - b. Sealing of rooms on the Finish Schedule with one coat of VoComp 20, Rooms B101, B102, 110, 125, 126, and 200.
10. Expansion Joint:
- a. Expansion joints shall be supplied by MM Systems, Emseal, and Balco.
  - b. Includes horizontal joint at stair at column line C per A2 and C1/S407.
  - c. Includes horizontal joint at column line 4, one floor, per A4 and A6/S404.
  - d. Includes roof joint at shops to parking garage, includes transitions to interior vertical parapet material, 2".
  - e. Includes exterior vertical joints, north and south, to parking garage with Emseal Seismic Color Seal, 2".
  - f. Includes foundation wall to tower exterior joint with Emseal DSM - 2" per D2/S405 and C3/S407.
  - g. Includes elevator and extension wall floor joints, deck to wall, and wall to wall, cover plate on deck to deck joints in front of elevator doors per C1/S407, E4/S532, system per C4, C6/S403; A6, B6, C3/S530; A3 and E4/S532.
  - h. Includes fire rate system in floor expansion joint in elevator closet 200 and third floor joint above.
  - i. Includes fire rated system in first floor expansion joint above remote closets B101/B102.



# SUNDT

- j. Includes west elevation vertical extension wall to garage at second, third, and fourth levels, 6" Seismic Color Seal.
  - k. Includes interior vertical expansion joint with fire barrier at Door #126.
  - l. Includes interior vertical expansion joint at Doors #118 and #111, and ceiling along precast wall.
  - m. Changing Products on Expansion Joints – From Seismic Colorseal to MM Systems, per Design Evolution Log Item #07-05.
11. Fire Resistive Joints:
- a. Install top of wall fire caulking at shops corridor, P07G, electrical room, remote closets at Elevators #1, #2, and #3 and lower level stair #1 wall.
  - b. Install wall to wall fire caulking at electrical room, remote closets from masonry to concrete.
  - c. Includes top of drywall wall joint, ½".
  - d. Includes top of masonry wall joint, 2".
12. **EXCLUSIONS (not listed above):**
- a. Flood testing of roofing is **not included**.
  - b. Stainless steel coping.
  - c. Waterproofing of elevator pits and new basement walls, per Design Evolution Log Item #07-02.

## **I. DIVISION 08 - Doors and Windows**

1. Interior Doors and Frames:
- a. All doors shall be standard 1-¾" thick (matching those found in the Court Tower).
  - b. Wood Doors:
    - 1) Contractor shall provide wood doors per the Door Schedule.
  - c. Hollow Metal Doors and Frames:
    - 1) Contractor shall provide Hollow Metal Frames and Doors per the Door Schedule, including rated doors and frames.
    - 2) Door 103 will be a standard HM Door and HM Frame, with open grille/grating, with hardware. Not a sliding gate as shown.
    - 3) Door 106 will be a standard HM Door and HM Frame with hardware. (No sidelight as shown in the Door Details.)
    - 4) Door 109 will be a standard HM Door with HM Frame with hardware. (No sidelight as shown in the Door Details.)
    - 5) Doors 110A HM, 111, 115B, 116, and 117 are each wood or HM doors and therefore shall all be provided with HM frames, not aluminum as called out in the Door Schedule.
  - d. Finish Hardware:
    - 1) Door hardware shall be commercial grade, with its function appropriate for its intended use.
    - 2) Hardware products for the Parking Garage are not clearly specified (no hardware schedule), therefore, products are included that match the Court Tower.
    - 3) Keying system shall allow doors to be keyed alike within a given area and tied to a building master. This will be designed with input from the Owner.
    - 4) Cylinders shall be standard 6-pin.
    - 5) All Cores are CFCI.



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- 6) Final keying is included, CFCI:
  - a) Includes the necessary low voltage cables and terminations at electrified hardware including electrified devices, electrified locks, transfer hinges, electric strikes, etc., as specified.
- 7) Doors/Frames/Hardware:
  - a) Change some Mortise locks to ND locks.
  - b) Change to a standard door frame (unequal rabbits, 16 gauge in stock) ILO specified equal rabbit, 18 gauge, fully welded.
  - c) Change panic devices to the 99 series ILO the specified 7500 series, per Design Evolution Log Item #08-06.
2. Overhead Coiling Grilles:
  - a. Proposal includes - two (2) each 25 ft. wide by 9 ft. high and one (1) each 30 ft. wide by 9 ft. high motorized mill finish coiling grilles, per Design Evolution Log Item #08-09.
3. Exterior Glazing and Storefront Systems:
  - a. Aluminum finish on curtain wall, window wall, etc. shall be finished per the Contract Documents, and matched to the Court Tower ("Pigmento Rouge").
  - b. Glazing system shall be pre-engineered. Entrances and Storefront shall be 2-1/4" x 7-1/2 mullion profiles, by Arcadia, Inc.
  - c. Glazed wall system shall have two lines exterior/interior perimeter caulking adjacent to the system at exterior locations.
  - d. Glazing to be 1" Viracon VUE-50 to match existing Courts Tower building. Spandrel glass to be 1" matching color.
  - e. The elevator closure is to be VUE-50 with the interior lite laminated per code for elevator openings.
  - f. Includes four (4) AMAA 501.2 hose tests.
  - g. Metal includes a two (2) year workmanship warranty.
  - h. Glazing includes a two year workmanship warranty and a ten year manufacturer warranty.
  - i. Change vertical aluminum fins to 2" Wide x 6" Deep, per Design Evolution Log Item #08-03
4. **EXCLUSIONS (not listed above):**
  - a. All offsite laboratory performance mockup at a third party testing facility, including wind and seismic testing is **not included**.
  - b. Custom color aluminum spacers.
  - c. Frit patterns or borders of any kind.
  - d. Building expansion joints.
  - e. Heat soaking of glass.
  - f. Bird or insect screening.
  - g. Seismic Loading and Wind/Airborne debris impact requirements.
  - h. Stand Alone Mockups.
  - i. Fire Rated Glass.
  - j. Curtain wall insulation is not shown and therefore is **not included**.

## J. DIVISION 09 - Finishes

1. Gypsum Board Partitions and Framing:
  - a. Interior Framing and Drywall:
    - 1) All wall framing shall be per the wall types indicated in the contract documents.



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- 2) Drywall finish shall be to level 4.
    - 3) 5/8" moisture resistant gypsum at wet locations.
  - b. Exterior Framing and Sheathing: Included per Contract Documents.
2. **EXCLUSIONS:**
  - a. Engineering, special coatings, "Z" Furring.
3. Interior Finishes:
  - a. Ceiling Finishes:
    - 1) Retail Office Ceiling shall be 2' x 4' white tegular Dune 2<sup>nd</sup> Look Tile #2712 set in 15/16" white steel. This is as shown on A525 only.
4. Floor Coverings:
  - a. Floor covering has been included as:
    - 1) CPT1 – Shaw Disperse Modular.
    - 2) SV1 – Armstrong, Connection Corlon
    - 3) SVW – Flash Cove
    - 4) Weld Rod Armstrong patterned Johnsonite 4" rubber base, and Transitions.
    - 5) TL - Group 1, commercial grade tile in Lobby, per Design Evolution Log Item #09-08.
5. Painting:
  - a. Interior painting shall include all gypsum board surfaces with Sherwin Williams paint as per the specifications.
  - b. Includes painting of underside of T's and one interior column in lower level, not to include exterior columns and walls. (Excludes Ground Level.) Per Design Evolution Log Item #09-09.
  - c. Includes reducing graffiti coating from 18 ft. AFF to 10 ft. AFF.
  - d. **EXCLUSIONS:**
    - 1) All interior painting not specifically included above.
    - 2) Underside of decks (Double T's).
    - 3) Painting of Fire Sprinkler and MEP piping.
    - 4) Painting of interior columns and backside of spandrel panels, per Design Evolution Log Item #09-03.
6. High Performance Coatings:
  - a. All steel components which are exposed to the elements (excluding those that are prefinished) shall be coated in standard exterior paint not High Performance Coating per the Specifications. This includes Security Mesh, gates in the security mesh, stair metal, and the roof ladder, per Design Evolution Log Item #09-02.
7. **EXCLUSIONS (not listed above):**
  - a. Intumescent fireproofing of steel is not included.

## K. DIVISION 10 - Specialties

1. Toilet Partitions and Accessories:
  - a. Included in this GMP Proposal are grab bars, and one mirror shown for the Retail Restroom.
  - b. All other restroom accessories are EXCLUDED and are being furnished and installed by Owner per the Specifications.





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2. Fire Protection Specialties:
  - a. This GMP Proposal includes furnishing and installing Larsen Fire Extinguisher Cabinets, 31 each, per Design Evolution Log Item #10-03.
  - b. Fire extinguisher units shall be Owner furnished, Owner installed (OFOI).
3. Bicycle Storage:
  - a. Includes six (6) bicycle storage units by American Bicycle Security Co.
4. Signage:
  - a. Includes installation of two (2) Owner provided, 12" x 12" plaques.
  - b. Includes revised interior Garage signage per sheets AG-101, AG-102, AG-501, AG-601, and AG-701, dated December 27, 2013, per Design Evolution Log Item #10-05.
  - c. Includes an Allowance for building address numbers on the Retail Building and the Parking Garage, five (5) numbers total, 24" x 2" reverse pan numbers.
  - d. **EXCLUSIONS:**
    - 1) Monument or Address signage of any kind. It is anticipated that this scope will be included in the Phase II, Task II package.

**L. DIVISION 11 – Equipment**

1. Complete Parking Control and Revenue System per revised specification sections dated December 20, 2013, per Design Evolution Log Item #11-09.
2. Parking Control and Revenue System contractor will provide onsite response within four (4) hours of notification of an issue.
3. This GMP Proposal does not include having a technician stationed at the Parking Garage for a 30 day period.
4. All computer hardware, licenses, and software to operate this system from a workstation (furnished and installed in the Retail Office area).
5. All stock items shall be provided as listed in the Specifications, including 1,000 proximity cards for access control.
6. Specifications stated that Contractor shall provide credentials and receipts in sufficient quantity for six months of operation. This has been estimated by the Contractor and the following will be provided:
  - a. Ticket Stock – 20 Rolls of Ticket Stock (approximately 60-70 thousand tickets).
  - b. Receipt Paper – 30 rolls of Receipt Paper.
  - c. Validation Paper – 20 Packages of Receipt Paper (approximately 15,000 individual validation tickets).
  - d. Due to the many variables that will determine the duration of these materials, contractor will not be responsible should these items run out prior to six (6) months of operation.
7. Includes setting of Owner furnished wall/floor mounted safe unit.
8. **EXCLUSIONS:**
  - a. High speed internet connection.
  - b. License Plate Recognition (LPR) System and all related items.
  - c. Parking guidance system.
  - d. Pay on foot stations.
  - e. Pay by space stations.
  - f. Cashier Terminal or Cashier Booth.
  - g. AVI readers and tags.

- h. "Independent Payment Application Qualified Security Assessor, PA-QSA, as stipulated by the PCI Council to certify the system meets all PCI compliance criteria." The WPS Parking Control and Revenue System included in this price is PCI Compliant.

**M. DIVISION 12 - Furnishings**

- 1. This GMP Proposal includes the following site furnishings:
  - a. Five (5) each, Maglin trash containers, model #MLWR250S-32-ST-SA.
  - b. Eight (8) each Maglin seating benches, model #MLB870-PCC.
  - c. Eight (8) 5-bike racks, two (2) 4-bike racks by Maglin for a total bike parking count of 48 each, model #MBR350-4-S, per Design Evolution Log Item #10-04.

**N. DIVISION 14 - Conveying Systems**

- 1. The GMP Proposal includes three (3) each Otis elevators as follows:  
**Elevator No. 1**
  - a. Designation and Model: Otis Gen2™ Elevator System
  - b. Capacity and Speed: 4,000 lbs Passenger at 200 fpm, per Design Evolution Log Item #13-01.
  - c. Stops, Floors, and Rise: 8 Stops - 8 Front Openings with 72 ft 4 in of Rise
  - d. Clear Car Inside Dimensions: 7 ft 5 in 1/8 wide x 5 ft 5 in 9/16 deep
  - e. Clear Hoistway: 9 ft 6 in 0 wide x 7 ft 5 1/4 in 0 deep
  - f. Clear Overhead and Pit Depth: Overhead- 12 ft 11 in 0 Pit- 5 ft 0 in 0
  - g. Door Type / Size: One Speed Center Opening - 48 in wide x 84 in high
  - h. Control Space: In Control Space Or Closet
  - i. Operation: Duplex Microprocessor control
  - j. Power Supply: 480 Volts, Three Phase AC, 60 Hertz
  - k. Cab Enclosure: Otis steel cab shell
  - l. Cab Height: 93 in.
  - m. Brushed stainless steel standard return, header, and car door.
  - n. Flat canopy with 4 LED down lights.
  - o. Brushed stainless steel, round bar, side only handrails.
  - p. Cab Flooring: Furnished and installed by others, 0.3125 inch recess.
  - q. Hoistway Entrance Finish(s): Brushed stainless steel entrances at front landings P1, 1, 2, 3, 4, 5, and 6.
  - r. Aluminum sills at front landings: P1, 1, 2, 3, 4, 5, and 6/
  - s. Signals: Brushed stainless steel standard car operating panel including round buttons with blue illuminating halos.
  - t. Hall fixtures, with flat metal brushed stainless steel faceplates, mounted in wall and brushed stainless steel flat buttons.
  - u. Constant Features: Access at top and bottom landing with zoning.
  - v. Firefighters' Service Phase I and Phase II.
  - w. Handicapped and braille markings.
  - x. Optiguard® door reversal device.
  - y. Hall lantern/Hall Position indicator each floor.
  - z. Fire Control panel.
  - aa. One car operating panel.
  - bb. Emergency power operation.
  - cc. Otis ADA hands free phone.

- dd. Emergency car lighting.
- ee. Additional Features: Independent service
- ff. Card Reader Provisions.
- gg. Code Compliance: All applicable local, state, and national codes ANSI A17.1, Phoenix, Arizona local code, and A.D.A.
- hh. Designed for Seismic Zone 1 requirements.
- ii. Maintenance: 12 months after acceptance of elevator by owner including emergency callback service during normal working hours.

## **Elevator No. 2:**

- a. Designation and Model: Otis Gen2™ Elevator System.
- b. Capacity and Speed: 4,000 lbs Passenger at 200 fpm, per Design Evolution Log Item #13-01.
- c. Stops, Floors, and Rise: 9 Stops - 8 Front Openings with 1 Rear Opening with 75 ft 8-1/2 in 0 of Rise.
- d. Clear Car Inside Dimensions: 7 ft 5 in 5/8 wide x 5 ft 5 in 9/16 deep.
- e. Clear Hoistway: 9 ft 6 in 0 wide x 7 ft 5 in 1/4 deep.
- f. Clear Overhead and Pit Depth: Overhead - 12 ft 11 in 0 Pit- 5 ft 0 in 0.
- g. Door Type / Size: One Speed Center Opening - 48 in wide x 84 in high.
- h. Control Space: In Control Space Or Closet.
- i. Operation: Duplex Microprocessor control.
- j. Power Supply: 480 Volts, Three Phase AC, 60 Hertz.
- k. Cab Enclosure: Otis steel cab shell.
- l. Cab Height: 93 in.
- m. Brushed stainless steel standard return, header and car door flat canopy with 4 LED down lights.
- n. Brushed stainless steel, round bar, Side only handrails.
- o. Cab Flooring: Furnished and installed by others - 0.3125 inch recess/
- p. Hoistway Entrance Finish(s): Brushed stainless steel entrances at front landings- P1, 1, 2, 3, 4, 5, 6, and 7.
- q. Brushed stainless steel entrances at rear landings - R/
- r. Aluminum sills at front landings - P1, 1, 2, 3, 4, 5, 6, and 7.
- s. Aluminum sills at rear landings - R.
- t. Signals: Brushed stainless steel standard car operating panel including round buttons with blue illuminating halos.
- u. Hall fixtures, with flat metal brushed stainless steel faceplates, mounted in wall and brushed stainless steel flat buttons. Vandal resistant fixtures.
- v. Constant Features: Access at top and bottom landing with zoning.
- w. Firefighters' Service Phase I and Phase II.
- x. Handicapped and braille markings.
- y. Optiguard® door reversal device.
- z. Hall Lantern/Hall Position indicator each floor.
- aa. Fire Control panel.
- bb. Two car operating panels.
- cc. Emergency power operation.
- dd. Otis ADA hands free phone.
- ee. Emergency car lighting.
- ff. Additional Features: Independent service.
- gg. Card Reader Provisions.



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- hh. Brushed stainless steel hall fixtures at front landings - P1, 1, 2, 3, 4, 5, 6, and 7.
- ii. Brushed stainless steel hall fixtures at rear landings- R.
- jj. Code Compliance: All applicable local, state and national codes ANSI A17.1, Phoenix, Arizona local code and A.D.A.
- kk. Designed for Seismic Zone 1 requirements. Maintenance: 12 months after acceptance of elevator by Owner including emergency callback service during normal working hours.

### **Elevator No. 3:**

- a. Designation and Model: Otis Gen2™ Elevator System.
- b. Capacity and Speed: 3,500 lbs Passenger @ 200 fpm, per Design Evolution Log Item #13-01.
- c. Stops, Floors, and Rise: 7 Stops - 7 Front Openings with 62 ft 2 in 0 of Rise.
- d. Clear Car Inside Dimensions: 6 ft 6 in 3/4 wide x 5 ft 6 in 1/8 deep.
- e. Clear Hoistway: 8 ft 6 in 0 wide x 6 ft 11 in 0 deep.
- f. Clear Overhead and Pit Depth: Overhead- 12 ft 11 in 0 Pit- 5 ft 0 in 0.
- g. Door Type / Size: Center Opening - 42 in wide x 84 in high.
- h. Control Space: In Control Space Or Closet.
- i. Operation: Simplex.
- j. Power Supply: 480 Volts, Three Phase AC, 60 Hertz.
- k. Cab Enclosure: Otis steel cab shell.
- l. Cab Height: 93 in.
- m. Brushed stainless steel standard return, header, and car door.
- n. Flat canopy with 4 LED down lights.
- o. Brushed stainless steel, round bar, rear only handrails.
- p. Cab Flooring: Furnished and installed by others - 0.3125 inch recess.
- q. Hoistway Entrance Finish(s): Brushed stainless steel entrances at front landings - P1, 1, 2, 3, 4, 5, and 6.
- r. Aluminum sills at front landings - P1, 1, 2, 3, 4, 5, and 6.
- s. Signals: Brushed stainless steel standard car operating panel including round buttons with blue illuminating halos.
- t. Hall fixtures, with flat metal brushed stainless steel faceplates, mounted in wall and brushed stainless steel flat buttons.
- u. Constant Features: Access at top and bottom landing with zoning.
- v. Firefighters' Service Phase I and Phase II.
- w. Handicapped and braille markings.
- x. Optiguard® door reversal device.
- y. Hall lantern/Hall Position indicator each floor.
- z. Fire Control panel.
- aa. Two car operating panels.
- bb. Emergency power operation.
- cc. Glass back cab.
- dd. Otis ADA hands free phone.
- ee. Emergency car lighting.
- ff. Additional Features: Independent service.
- gg. Card Reader Provisions.
- hh. Brushed stainless steel hall fixtures at front landings - P1, 1, 2, 3, 4, 5, and 6.
- ii. Code Compliance: All applicable local, state, and national codes ANSI A17.1, Phoenix, Arizona local code and A.D.A.



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- jj. Designed for Seismic Zone 1 requirements.
- kk. Maintenance: 12 months after acceptance of elevator by Owner.
- ll. Including emergency callback service during normal working hours.
- 2. The project construction will not require temporary use of any of the new elevators for construction purposes.
- 3. Based upon standard entrance design.
- 4. Does not include the custom machine enclosure as stated in the Specifications.
- 5. Pads and hooks in Car 2.
- 6. Car top air conditioner in Car 3.
- 7. Flooring is included as Johnsonite raised square design rubber tile.
- 8. North elevator hoistway as shown on Contract drawings will need to change: 19'-8" wide x 7'-6" deep in lieu of 17'-6" wide x 10'-1".
- 9. South elevator hoistway as shown on the Contract drawings will need to change: 8'-6" wide x 6'-11" deep in lieu of 9'-5" wide x 7'-6" deep.
- 10. GMP includes \$20,000.00 per cab Allowance. There is a \$49,000.00 deduct to accept a standard Otis patterned or rigidized steel cab walls, satin stainless steel ceiling with downlights and a satin stainless steel side and rear handrail. Other options are also available.
- 11. The precast will need to be left off on the bottom levels of the shafts in order to install the equipment. A minimum 8'-2" opening is required.

## **O. DIVISION 21 - Fire Suppression**

- 1. Fire Protection System:
  - a. A complete wet automatic fire protection system shall be provided for the Retail Building, and Lower Level of the Parking Garage in accordance with the requirements of NFPA 13, the local Fire Marshal, and applicable referenced codes.
  - b. Exposed brass upright heads shall be installed in the Lower Level only.
  - c. Semi-recessed sprinklers for finished Retail space. Brass upright or pendant heads shall be provided in areas without a finished ceiling.
  - d. Includes two (2) standpipe assemblies to upper levels.
  - e. Includes connection to existing fire line service approximately 20 ft. outside of the garage. Connection to use 6" ductile iron underground piping and fittings.
  - f. Sprinkler design is based upon NPFA Ordinary Hazard Group II, 0.2 gpm per 1,500 SF in the parking garage and shell retail space, and Light Hazard 0.1 gpm per 1,500 SF for the Garage Office area.
- 2. **EXCLUSIONS (not listed above):**
  - a. Sprinkling of Retail and Garage roof canopies, as this is not a code requirement.
  - b. Seismic bracing.

## **P. DIVISIONS 20, 22, and 23 - Plumbing and Mechanical**

- 1. Plumbing:
  - a. Parking Garage and Retail:
    - 1) Sanitary sewer tied into existing Tower restrooms.
    - 2) Garage rain water leader piping.
    - 3) Sewer, vent, roof, and overflow leaders figured in no-hub cast iron pipe and fittings.
    - 4) Includes all plumbing fixtures scheduled.
    - 5) Includes all waste, drain, vent, water, condensate, low pressure gas piping, all insulation, hangers, and supports.



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- 6) Includes chlorination of new systems.
  - 7) Change 1 inch Pre-molded Fiberglass Pipe Cover Insulation to Factory Applied All-Service Vapor Barrier Jacket, per Design Evolution Log Item #15-02.
  - 8) Use Schedule 40 PVC DWV Pipe and Fitting in lieu of No-Hub Cast Iron Pipe and Fittings for Underground Waste and Rain Leaders. Conversions from vertical piping to horizontal, i.e. 90s, etc. to be cast iron, per Design Evolution Log Item #15-03.
  - 9) Use 1" Armaflex Insulation in lieu of Specified Insulation, per Design Evolution Log Item #15-04.
  - 10) Eliminate Insulation at Interior Roof & Overflow Drain Leaders, per Design Evolution Log Item #15-05.
  - 11) Use Schedule 40 PVC DWV Pipe and Fitting in lieu of No-Hub Cast Iron Pipe and Fittings for Above Ground Waste, Vent, Rain and Overflow Piping. Conversions from vertical piping to horizontal, i.e. 90s, etc. to be cast iron, per Design Evolution Log Item #15-06.
  - 12) Eliminate Insulation of Exterior Domestic Cold Water Piping, per Design Evolution Log Item #15-07.
  - 13) Rough-in for future booster pump, but eliminate pump in base bid, per Design Evolution Log Item #15-10.
  - 14) Reduce Count of Hose Bibbs From GMP to 2 per Level Plus 4 General Use for a Total of 18 each, per Design Evolution Log Item #15-12.
2. **EXCLUSIONS (not listed above):**
- a. Seismic bracing.
3. Heating, Ventilating, and Air Conditioning (HVAC):
- a. Provide and install three (3) exhaust ventilation fans and ductwork for the Parking Garage and bathrooms, per Design Evolution Log Item #16-01.
  - b. Provide and install two (2) RTU's for the Garage office area including vibration isolation curbs, ductwork, registers, and grills.
  - c. Provide two (2) RTU's for the elevator shafts including standard flat roof curbs, ductwork, registers, and grills.
  - d. Provide and install three (3) Ductless Split Systems for the elevator equipment rooms and IT security room.
  - e. Provide EMCS controls as required including carbon monoxide sensors and alarms.
  - f. Provide mechanical insulation as required.
  - g. Provide complete start-up, test, and balance with reports at the end of the project.
  - h. Provide two (2) years warranty. Test and balance.
  - i. Includes Design Evolution Log Item #16-06 - Eliminate CHW and HHW supply and return lines from the east side of the Garage to the east end of the Retail Space.
4. **EXCLUSIONS (not listed above):**
- a. Seismic bracing or restraints.
  - b. Painting of piping and ductwork.
  - c. Testing of condensate drain piping.
  - d. Sound and vibration testing.
  - e. Professional engineering costs, including structural engineering analysis and professional stamping as may relate to hanger and hanger supports for mechanical, plumbing, etc.

**Q. DIVISION 26 - Electrical**

1. Fire alarm (Reduced scope per GLHN). Providing a new 64 Point IDNET card for the existing fire alarm panel in the fire command center. This card will be dedicated to the Parking Garage initiation devices. Wiring for the initiation devices in the Parking Garage will be run Class A from the fire alarm panel in the fire command center to the Parking Garage and will terminate at a new 4009 NAC panel that will be installed to run the horn/strobes in the Garage. All notification appliances will be run Class B and will terminate at the 4009 panel. There will be no fire alarm panel in the Parking Garage. However, all troubles, alarms, and supervisory points will report to the fire command center.
2. CCTV (Conduit, back boxes, and cabling), per Design Evolution Log Item #17-04.
3. Security system (Conduit, back boxes, and cabling).
4. Analog emergency phones for elevators.
5. Provide and install new gear package.
6. Provide and install fluorescent lighting fixture package.
7. Exterior Garage lighting to be LED as specified.
8. Power to car charger pedestals, conduit only.
9. Lighting control system.
10. Power and VFDs for WEF units.
11. Fiber/copper backbone for fire alarm, security.
12. Conduit and boxes for telecom system.
13. Electrical feeders from Court Tower to Parking Garage.
14. Electrical feeders to Retail distribution.
15. Site lighting and circuits.
16. Parking Garage conduit for power distribution and lighting to be PVC cast into concrete topping.
17. Power for light poles on Stone Avenue to be run underground.
18. Intercom and card reader is needed at the Parking office door 110A, per Design Evolution Log Item #17-07.
19. Per RFI 027 Electrical Connection to LSD, per Design Evolution Log Item #17-09.
20. Surface mount down light on concrete bollards, per Design Evolution Log Item #17-10.
21. Provide conduit and pull string to Car Charger stations, for future procurement and installation of chargers, per Design Evolution Log Item #17-13.
22. Reduced EV stations, per Design Evolution Log Item #17-21.
23. Reduce Convenience Receptacles to 2 per Floor at Column Line 6, per Design Evolution Log Item #17-22.
24. **EXCLUSIONS (not listed above):**
  - a. Installation of TEP furnished equipment and conductors.
  - b. Furnishing of Electromagnetic Shielding System.
  - c. A lightning protection system.
  - d. Phone lines to elevator controllers.
  - e. Car charger pedestals, per Design Evolution Log Item #17-05.
  - f. Level 1 exhaust fans, per Design Evolution Log Item #17-03.
  - g. Eliminate empty conduits to inverter rooms, per Design Evolution Log Item #17-16.

**R. DIVISION 31 - Earthwork**

1. Proposal is based upon the use of the Pattison Evanoff Geotechnical Report (for the Parking Garage) dated September 3, 2013, and being able to reuse onsite soils for structural fill and backfill.



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2. Includes an extensive and complex earthwork effort to prepare and condition the site soils to receive the new Parking Garage, Retail, and Sitework.
3. Includes demolition of misc. existing site elements in preparation for the new Parking Garage and Retail building.
4. Includes over-excavation and recompaction of the top 8 ft. of soils for the Retail building.
5. Includes excavation and over-excavation for the Parking Garage foundation.
6. Includes necessary some exporting of native soils to an offsite staging area (Cottonwood Lane) and importing of some soils back to the site due to restricted site conditions. There will be approximately 4,300 CY left at the Cottonwood Lane site for future County use.
7. Dirt hauling will be done during daylight hours so as to not disturb the residents on Cottonwood Lane.
8. Includes the design and installation of the required shoring system positioned along the east, south, and west perimeters of the Parking Garage.
9. Includes removal of the tops of new shoring to accommodate known future construction on the project site.
10. Includes suspending of existing active gas line along the west side of the Parking Garage that will be exposed during construction.
11. Includes the construction of the Parking Garage perimeter foundation drainage system.
12. Includes miscellaneous asphalt patching that will be required.
13. Prices for asphalt and ABC are effective through December 31, 2014.
14. Does not include the agreed upon \$25,000.00 ALLOWANCE, for the removal of foundations that may have been remnant of the previous dry cleaning facility. Pima County will carry outside the cost of this GMP.
15. Includes maintaining and modifying the existing SWPPP as required.
16. No over-excavation is included for the park area north of the existing Court Tower. This area has been figured as proof-rolling with equipment per NCS Soils Report Addendum. If it does not pass the proof-roll, it may need to be over-excavated. The cost of which is not included in this GMP.
17. In order to begin excavation on March 20, 2014 we will need a \$20,000.00 authorization by March 1, 2014 to engineer, prepare, and submit shoring shop drawings for a County Permit a week before excavation.
18. A potential deduct of \$33,000.00 is available if the retail space and surrounding area does not require over-ex. However the Owner would have to expend a few thousand dollars on additional borings before March 1, 2014 so analysis can be made prior to March 20, 2014.
19. Design Evolution Log Item #02-03 - Sundt to provide backhoe at no charge for additional borings at Retail, Soils Engineer to provide testing.

## **S. DIVISION 32 - Exterior Improvements**

1. Offsite Improvements:
  - a. Includes removal and replacement of existing street curbing on Stone Avenue.
  - b. Concrete slab for relocation of the existing bus stop.
  - c. Site hardscape in accordance with revised design documents issued January 20, 2014.
  - d. Includes rewiring Stone Street lights.
  - e. Includes revised landscape and irrigation per revised design and Design Evolution Log Item #02-10.





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#### **IV. GENERAL EXCLUSIONS**

- A.** The following items are not included in the scope of work proposed herein:
1. CMAR Preconstruction Fees, except as noted on the GMP Summary.
  2. Professional architectural and engineering services other than specifically included deferred submittals as follows:
    - a. Fire Protection
    - b. Precast Concrete
    - c. Unitized Curtainwall
  3. Temporary and Permanent domestic water meters, irrigation meters, and natural gas meters, connections, and fees.
  4. FF&E and other Owner Budgets.
  5. Sales tax increases that may be imposed by federal, state, and local governments after the execution of the Contract.
  6. Relocation or rerouting of existing utilities other than shown in GMP setting documents.
  7. Dewatering (temporary or permanent) of basement excavation, caissons, and utility trenches.
  8. Extensions or construction modifications of public water, sanitary sewer, or storm sewer systems, outside of the project property line other than shown in the GMP setting Documents.
  9. Contaminated and hazardous materials and work related to remediation of materials.
  10. All work associated with unknown archeological findings including: investigation, documentation, construction delays, relocation, ground penetrating radar, etc.
  11. Excavation and removal of contaminated soils.
  12. Offsite street improvements (including Stone Avenue) or lane widening.
  13. All references to the NCS Geotechnical Report and amendments, except the retail building, #GN26/C010, and Kleinfelder Report 11a/S002.
  14. Traffic signal construction/modifications or street light upgrades.
  15. Rock removal/blasting and/or hard dig, defined as any material which cannot be effectively removed by a CAT-345 excavator.
  16. Unforeseen foundations.
  17. GMP does not include vibration monitoring.
  18. Third party commissioning.
  19. CMAR shall not be responsible for performance of assemblies where individual assembly components have been specified by Architect.
  20. Waterproofing at basement walls of the Lower Level.
  21. Bird deterrent systems.
  22. A third party scheduling consultant.
  23. Cost or resource loading of CPM schedules.
  24. Full offsite performance mock-ups with wind, acoustical, and seismic testing by an independent testing facility.
  25. Removal of overhead power, cable, etc. on existing power poles to be by service provider.
  26. Davis-Bacon Act or prevailing wages.
  27. Unit prices have not been incorporated with this GMP.
  28. "Buy American" requirements, not specified.
  29. All exterior building signage, except for code required address signage at the Retail and Parking Garage structures, reference Section I.F – Allowances.
  30. Specification Section 015000 – Temporary Facilities; Paragraph 3.2.F. – Ventilation and Humidity Control.
  31. Cast in place concrete staining or integral color.
  32. Parking canopies have not been included.



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33. Spray applied and/or intumescent fireproofing.
34. Photovoltaic system or structural supports for future photovoltaic system.
35. Utility consumptions costs, temporary and permanent, including: construction water, domestic water, power, gas, and telephone.
36. Toole Avenue parking meter revenue.
37. Identification and/or removal of existing foundations, vaults, etc. not shown on the plans or underground.
38. Permits required for the construction of the new Parking Garage.
39. Negotiations of easements with the City of Tucson.
40. CU structural fill per the 100% Design Development documents.
41. Removal and or relocation of the existing bus shelter, per Design Evolution Log Item #02-12.
42. Requests For Information (RFI) not answered by the date of this GMP Proposal.
43. Floor Flatness Testing.
44. Emergency/Blue Phones.
45. Cabling of Security Cameras.
46. Relocation of Cox vault at southeast corner of the Parking Garage.
47. Waterproofing elevator pits. It is required by Specification Section 142150.1.2.A.13 but it was not required on the Courts Tower.
48. Trade unit costs established for Phase 2, Task 1, do not apply to this GMP.
49. County furnished wall safe.
50. Conduit pathways for security from the Tower to the Garage, from the Tower to Retail for EMS, and Tower to the Garage and Retail for IT.



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## DOCUMENT LIST

This set of Design Development Plans and Specifications for the Pima County Downtown Courts Complex Parking Garage and Retail provided by *AECOM in association with GLHN* dated October 18, 2013.

NUMBER	DESCRIPTION	DATED
G001	COVER SHEET	1-21-14
G002	SHEET INDEX & GENERAL INFORMATION	1-21-14
G101	LOWER LEVEL & LEVEL 1 - CODE REVIEW PLANS	1-21-14
G102	LEVEL 2, 3 & 4 - CODE REVIEW PLANS	1-21-14
G103	LEVEL 5, 6 & TOP - CODE REVIEW PLANS	1-21-14
G401	WALL TYPES SCHEDULES & DETAILS	1-21-14
<b>CIVIL</b>		
C010	CIVIL GENERAL NOTES	10-18-13
C011	CIVIL GENERAL PLAN, ABBREVIATIONS AND SYMBOLS	10-18-13
C012	PROJECT LIMITS/SCOPE OF WORK	10-18-13
C201	DEMOLITION PLAN	10-18-13
C211	SITE DETAILS	10-18-13
C212	SITE DETAILS	10-18-13
C230	SITE HORIZ. CONTROL OVERVIEW SHEET	10-18-13
C231	SITE HORIZ. CONTROL POCKET PARK	10-18-13
C232	SITE HORIZ. CONTROL WEST SIDE AND PLAZA	10-18-13
C234	GRADING POCKET PARK	10-18-13
C235	GRADING WEST SIDE BUILDING AND PLAZA	10-18-13
C236	GRADING PARKING GARAGE	10-18-13
C240	SITE UTILITIES	10-18-13
C700	OFFSITE COVER SHEET	10-18-13
C701	OFFSITE GENERAL NOTES	10-18-13
C710	OFFSITE DETAILS	10-18-13
C720	OFFSITE DEMOLITION PLAN STONE AVENUE	10-18-13
C730	OFFSITE STAKING PLAN STONE AVE.	10-18-13
C760	OFFSITE SIGNAGE AND STRIPING SUMMARY	10-18-13
C761	OFFSITE SIGNAGE AND STRIPING PLAN	10-18-13
<b>LANDSCAPE</b>		
L-001	LANDSCAPE GENERAL INFORMATION	01-20-14
L-101	HARDSCAPE PLAN	01-20-14
L-102	HARDSCAPE PLAN	01-20-14
L-103	PLAZA LAYOUT DETAILS	01-20-14
L-201	MATERIALS PLAN	01-20-14
L-202	MATERIALS PLAN	01-20-14



# SUNDT

NUMBER	DESCRIPTION	DATED
L-301	PLANTING PLAN	01-20-14
L-302	PLANTING PLAN	01-20-14
L-401	IRRIGATION PLAN	01-20-14
L-402	IRRIGATION PLAN	01-20-14
L-501	HARDSCAPE DETAILS	01-20-14
L-502	HARDSCAPE DETAILS	01-20-14
L-503	PLANTING DETAILS	01-20-14
L-504	IRRIGATION DETAILS	01-20-14
<b>ARCHITECTURE</b>		
AS001	OVERALL SITE PLAN	10-18-13
A011	DOOR SCHEDULE, DOOR, WINDOW & FRAME TYPES	1-21-14
A101	LOWER LEVEL & LEVEL 1 FLOOR PLANS	1-21-14
A102	LEVEL 2 THRU 4 FLOOR PLANS	1-21-14
A103	LEVEL 5-6 AND TOP FLOOR PLAN	1-21-14
A301	BUILDING ELEVATIONS	1-21-14
A321	BUILDING SECTIONS	1-21-14
A401	EXTERIOR LARGE SCALE WALL SECTIONS	1-21-14
A411	LARGE SCALE ELEVATIONS	1-21-14
A421	EXTERIOR DETAILS	1-21-14
A501	LARGE SCALE STAIRS #1 ELEV. #1, 2 PLANS	1-21-14
A502	LARGE SCALE STAIRS #2 & ELEV. #3 PLANS & SECTIONS	1-21-14
A503	LARGE SCALE STAIRS #1, ELEV. #1, 2 SECTIONS	1-21-14
A521	ENLARGED PLANS AT PARKING OFFICE & ELECTRICAL ROOM	1-21-14
A525	ENLARGE CEILING PLAN & INTERIOR ELEVATIONS AT PARKING OFFICE	1-21-14
A601	STAIR & ELEVATOR DETAILS	1-21-14
A641	INTERIOR & EXTERIOR DETAILS	1-21-14
<b>STRUCTURAL</b>		
S001	GENERAL NOTES SHEET	11-04-13
S002	RETAIL GENERAL NOTES SHEET	11-04-13
S100	FOUNDATION PLAN	11-04-13
S101	LOWER LEVEL & FIRST LEVEL STRUCTURAL PLANS	11-04-13
S102A	SECOND LEVEL STRUCTURAL PLAN	11-04-13
S102B	THIRD-FOURTH LEVEL STRUCTURAL PLANS	11-04-13
S102C	FIFTH-SIXTH LEVEL STRUCTURAL PLANS	11-04-13
S103	TOP LEVEL STRUCTURAL PLAN	11-04-13
S200	RETAIL FOUNDATION AND ROOF PLANS	11-04-13
S301	LIGHT WALL ELEVATION	11-04-13
S302	PRECAST SHEAR WALL AND LIGHT WALL ELEVATIONS	11-04-13
S401	STRUCTURAL DETAILS	11-04-13
S402	SLAB ON GRADE/FOUNDATION DETAILS	11-04-13
S403	WATERPROOFING DETAILS	11-04-13



# SUNDT

NUMBER	DESCRIPTION	DATED
S404	FOUNDATION WALL ELEVATION AND DETAILS	11-04-13
S405	FOUNDATION WALL ELEVATION AND DETAILS	11-04-13
S406	FOUNDATION WALL ELEVATION AND DETAILS	11-04-13
S407	FOUNDATION WALL ELEVATION AND DETAILS	11-04-13
S409	RETAIL FOUNDATION AND ROOF DETAILS	11-04-13
S410	PRECAST BEAM AND TEE DETAILS	10-18-13
S411	PRECAST COLUMN DETAILS	11-04-13
S412	PRECAST DETAILS	11-04-13
S420	PRECAST AND STRUCTURAL DETAILS	11-04-13
S421	PRECAST AND STRUCTURAL DETAILS	11-04-13
S501	LARGE SCALE STAIRS #1, ELEV. #1, 2 PLANS	11-04-13
S502	LARGE SCALE STAIRS #2, ELEV. #3 PLANS	11-04-13
S530	STAIR DETAILS	11-04-13
S531	STAIR DETAILS	11-04-13
S532	FOUNDATION WALL DETAILS	11-04-13
S601	LAP SPLICE SCHEDULE	11-04-13
AG101	LOWER LEVEL & LEVEL 1 STRIPING & SIGNAGE PLANS	11-04-13
AG102	SECOND LEVEL-TOP LEVEL STRIPING & SIGNAGE PLANS	11-04-13
AG501	STRIPING DETAILS	11-04-13
AG601	SIGN SCHEDULE AND SIGN DETAILS	11-04-13
AG701	SIGN MOUNTING DETAILS	11-04-13
QP501	PARKING EQUIPMENT DETAILS	11-04-13
QP502	PARKING EQUIPMENT DETAILS	11-04-13
<b>FIRE PROTECTION</b>		
FP101	LOWER LEVEL & LEVEL 1 FIRE PROTECTION PLANS	10-18-13
<b>PLUMBING</b>		
PL001	PLUMBING SYMBOLS, ABBREVIATIONS AND GENERAL NOTES	10-18-13
PL011	PLUMBING CALCULATIONS AND SCHEDULES	10-18-13
PL101	PLUMBING LOWER LEVEL & LEVEL 1 FLOOR PLANS	10-18-13
PL102	PLUMBING LEVEL 2, 3 & 4 FLOOR PLANS	10-18-13
PL103	PLUMBING LEVEL 5, 6 & 7 FLOOR PLANS	10-18-13
P701	PLUMBING DETAILS	10-18-13
<b>MECHANICAL</b>		
M001	MECHANICAL SYMBOLS & ABBREVIATIONS	10-18-13
M011	MECHANICAL SCHEDULES	10-18-13
M101	LOWER LEVEL AND LEVEL 1 MECHANICAL PIPING PLAN	10-18-13
M201	LOWER LEVEL AND LEVEL 1 MECHANICAL PLANS	10-18-13
M202	LEVEL 2 & 3 MECHANICAL PLANS	10-18-13
M203	LEVEL 5, 6 & 7 MECHANICAL PLANS	10-18-13
M501	ENLARGED MECHANICAL PLANS	10-18-13
MI600	P & ID DIAGRAMS	10-18-13
MI601	POINTS LIST AND SEQUENCE OF OPERATION	10-18-13



# SUNDT

NUMBER	DESCRIPTION	DATED
M701	MECHANICAL DETAILS	10-18-13
M702	MECHANICAL DETAILS	10-18-13
<b>ELECTRICAL</b>		
E001	ELECTRICAL SYMBOLS, ABBREVIATIONS AND FIXTURE SCHEDULE	10-18-13
E011	ELECTRICAL PANEL SCHEDULE	10-18-13
E031	ELECTRICAL LIGHT FIXTURE SCHEDULE	10-18-13
ES001	ELECTRICAL OVERALL SITE PLAN	10-18-13
ES002	ELECTRICAL CENTRAL PLANT ENLARGED SITE PLAN	10-18-13
ES003	ELECTRICAL COURT TOWER ENLARGED SITE PLAN NORTH	10-18-13
ES004	ELECTRICAL COURT TOWER ENLARGED SITE PLAN SOUTH	10-18-13
E101	LEVEL LL & 1 POWER PLANS	10-18-13
E102	LEVEL 2 & 3 POWER PLANS	10-18-13
E103	LEVEL 4 & 5 POWER PLANS	10-18-13
E201	LEVEL LL & 1 LIGHTING LAYOUT	11-13-13
E202	LEVEL 2 & 3 LIGHTING LAYOUT	11-13-13
E203	LEVEL 4 & 5 LIGHTING LAYOUT	01-23-14
E203 (NOT MARKED E204 AS STATED)	LEVEL 7 LIGHTING LAYOUT	01-23-14
E401	LIGHTING CONTROL DIAGRAMS	10-18-13
E501	ELECTRICAL ENLARGED PLANS	10-18-13
E502	ELECTRICAL ENLARGED PLANS	10-18-13
E503	ELECTRICAL ENLARGED PLANS	10-18-13
E601	ELECTRICAL SINGLE LINE DIAGRAM	10-18-13
<b>FIRE ALARM</b>		
FA011	FIRE ALARM FUNCTIONAL MATRIX AND DETAILS	10-18-13
FA101	LOWER LEVEL AND LEVEL 1 FIRE ALARM PLANS	10-18-13
FA102	LEVELS 2, 3, & 4 FIRE ALARM PLANS	10-18-13
FA103	LEVELS 5, 6, & 7 FIRE ALARM PLANS	10-18-13
FA601	FIRE ALARM BLOCK DIAGRAM	10-18-13
<b>ELECTRONIC SECURITY</b>		
TY100	ELECTRONIC SECURITY GENERAL NOTES, LEGENDS, ABBREVIATIONS.	10-18-13
TY101	LOWER LEVEL & LEVEL 1 SECURITY FLOOR PLAN	10-18-13
TY102	LEVEL 2 THRU 4 SECURITY FLOOR PLANS.	10-18-13
TY103	LEVELS 5-6 AND TOP LEVEL SECURITY FLOOR PLANS.	10-18-13
<b>TELECOM</b>		
T100	PARKING GARAGE OSP SITE PLAN	10-18-13
T101	PARKING GARAGE LEVEL 1 TELECOM OUTLET PLAN	10-18-13
T201	PARKING GARAGE LEVEL 1 PATHWAYS	10-18-13
T501	PARKING GARAGE ENLARGED IT/SECURITY ROOM 127	10-18-13
T601	PARKING GARAGE COPPER RISER DIAGRAM	10-18-13
T602	PARKING GARAGE FIBER RISER DIAGRAM	10-18-13



# SUNDT

NUMBER	DESCRIPTION	DATED
	Walker Consultants-Retail Building Preliminary Framing Sketch	Rcv'd 2-4-14

## SPECIFICATIONS

### VOLUME 1

#### DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS

000005	Professional Registration Certification
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#### DIVISION 01 - GENERAL REQUIREMENTS

011000	Summary
012500	Substitution Procedures
012600	Contract Modification Procedures
012900	Payment Procedures
013100	Project Management and Coordination
013200	Construction Progress Documentation
013233	Photographic Documentation
013300	Submittal Procedures
014000	Quality Requirements
015000	Temporary Facilities and Controls
016000	Product Requirements
017300	Execution
017419	Construction Waste Management and Disposal
017700	Closeout Procedures
017823	Operation and Maintenance Data
017839	Project Record Documents
017900	Demonstration and Training
018113.13	Sustainable Design Requirements - LEED for New Construction and Major Renovations
019113	General Commissioning Requirements

#### DIVISION 03 - CONCRETE

033000	Cast-in-Place Concrete
034100	Structural Precast Concrete
034500	Precast Architectural Concrete

#### DIVISION 04 - MASONRY

042000	Unit Masonry
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#### DIVISION 05 - METALS

051200	Structural Steel Framing
051213	Architecturally Exposed Structural Steel Framing
053100	Steel Decking
054000	Cold Formed Metal Framing
055000	Metal Fabrications
055100	Metal Stairs



# SUNDT

<b>DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES</b>	
061053	Miscellaneous Rough Carpentry
064023	Interior Architectural Woodwork
<b>DIVISION 07 - THERMAL AND MOISTURE PROTECTION</b>	
071800	Traffic Coatings
071900	Water Repellants
072100	Thermal Insulation
074120	Metal Roof Panels
074216	Insulated Core Metal Wall Panels
075410	Polyvinyl Chloride (PVC) Roofing
076200	Sheet Metal Flashing and Trim
077200	Roof Accessories
078413	Penetration Firestopping
078446	Fire-Resistive Joint Systems
079200	Joint Sealants
079233	Concrete Joint Sealants
<b>DIVISION 08 - OPENINGS</b>	
081113	Hollow Metal Doors and Frames
081416	Flush Wood Doors
083323	Overhead Coiling Doors
084113	Aluminum-Framed Entrances & Storefronts
087100	Door Hardware
088000	Glazing
089000	Louvers and Vents
<b>DIVISION 09 - FINISHES</b>	
092216	Non-Structural Metal Framing
092900	Gypsum Board
095113	Acoustical Panel Ceilings
096513	Resilient Base and Accessories
096519	Resilient Tile Flooring
096813	Tile Carpeting
099113	Exterior Painting
099120	Pavement Markings
099123	Interior Painting
099600	High-Performance Coatings
<b>DIVISION 10 - SPECIALTIES</b>	
101400	Signage
102800	Toilet, Bath, and Laundry Accessories
104413	Fire Extinguisher Cabinets
107500	Flagpoles
<b>DIVISION 11 - EQUIPMENT</b>	
111226.00	Parking Access and Revenue Control System (PARCS)





# SUNDT

111226.01	PARCS System Description
111226.02	PARCS Facility Management System
111226.03	Control Gates and Vehicle Detectors
111226.04	Parking Access Control System
111226.05	Revenue Control System
111227.07	Parking Intercom
114002	Bicycle Storage
<b>DIVISION 12 - FURNISHINGS</b>	
122413	Roller Window Shades
129300	Site Furnishings
<b>DIVISION 14 - CONVEYING EQUIPMENT</b>	
142150	Electric Traction Elevators
<b>VOLUME 2</b>	
<b>DIVISION 21 – FIRE SUPPRESSION</b>	
210500	Basic Fire Suppression Materials and Methods
211200	Fire Suppression Standpipe Systems
211313	Wet Pipe Automatic Fire Suppression Systems
<b>DIVISION 22 – PLUMBING</b>	
220513	Common Motor Requirements for Plumbing Equipment
220517	Sleeves and Sleeve Seals for Plumbing Piping
220518	Escutcheons for Plumbing Piping
220519	Meters and Gages for Plumbing Piping
220523	General-Duty Valves for Plumbing Piping
220529	Hangers and Supports for Plumbing Piping and Equipment
220548	Vibration and Seismic Controls for Plumbing Piping and Equipment
220553	Identification for Plumbing and Equipment
220716	Plumbing Equipment Insulation
220719	Plumbing Piping Insulation
221116	Domestic Water Piping
221119	Domestic Water Piping Specialties
221123.13	Domestic Water Packaged Booster Pumps
221316	Sanitary Waste and Vent Piping
221319	Sanitary Waste Piping Specialties
221423	Storm Drainage Piping Specialties
221429	Sump Pumps
223300	Electric, Domestic Water Heaters
224213.13	Commercial Water Closets
224216.13	Commercial Lavatories
224216.16	Commercial Sinks
<b>DIVISION 23 – HVAC</b>	
230513	Common Motor Requirements for HVAC Equipment
230523	General-Duty Valves for HVAC Piping



# SUNDT

230529	Hangers and Supports for HVAC Piping and Equipment
230553	Identification for HVAC Piping and Equipment
230593	Testing, Adjusting, and Balancing for HVAC
230713	Duct Insulation
230719	HVAC Piping Insulation
230800	Commissioning of HVAC
230900	Instrumentation and Control for HVAC
231123	Facility Natural-Gas Piping
232113	Hydronic Piping
232300	Refrigerant Piping
233113	Metal Ducts
233416	Centrifugal HVAC Fans
233423	HVAC Power Ventilators
233713	Diffusers, Registers, and Grilles
238126	Split-System Air-Conditioners
<b>DIVISION 26 - ELECTRICAL</b>	
260519	Low-Voltage Electrical Power Conductors and Cables
260526	Grounding and Bonding for Electrical Systems
260529	Hangers and Supports for Electrical Systems
260533	Raceway and Boxes for Electrical Systems
260544	Sleeves and Sleeve Seals for Electrical Raceways and Cabling
260553	Identification for Electrical Systems
260943.23	Relay-Based Lighting Controls
262200	Low-Voltage Transformers
262413	Switchboards
262416	Panelboards
262726	Wiring Devices
262729	Electric Vehicle Charging Stations
262813	Fuses
262913	Enclosed Controllers
262923	Variable-Frequency Motor Controllers
265100	Interior Lighting
265600	Exterior Lighting
<b>DIVISION 27 - COMMUNICATIONS</b>	
270528	Pathways for Communications Systems
270553	Identification for Communications Systems
271101	Telecommunications Rooms and Spaces
271313	Communications Copper Backbone Cabling
271423	Communications Optical Fiber Riser Cabling
271513	Communications Copper Horizontal Cabling
271543	Faceplates and Connectors



# SUNDT

<b>DIVISION 28 - ELECTRONIC SAFETY AND SECURITY</b>	
280513	Conductors and Cables for Electronic Safety and Security
283111	Digital, Addressable Fire—Alarm System
287010	Wiring Requirements
287015	Grounding & Surge Protection
287020	Uninterruptible Power Supplies
287025	Consoles, Cabinets & Enclosures
287035	Emergency Intercom Systems
287040	Video Surveillance System
<b>DIVISION 31 - EARTHWORK</b>	
311000	Site Clearing
312000	Earth Moving
312001	Excavation, Trenching, and Backfilling for Utility Systems
313600	Gabions
<b>DIVISION 32 - EXTERIOR IMPROVEMENTS</b>	
321216	Asphalt Paving
321313	Concrete Paving
321316	Decorative Concrete Paving
321373	Concrete Paving Joint Sealants
321500	Aggregate Surfacing
321723	Pavement Markings
328400	Irrigation System
329113	Soil Preparation
329113.23	Structural Soil
329300	Plants
<b>DIVISION 33 - UTILITIES</b>	
330500	Common Work Results for Utilities
331116	Water Distribution System
333113	Sanitary Sewer System
334100	Storm Utility Drainage Piping
335113	Natural Gas System
336113	Underground Chilled Water Distribution System
336115	Underground Piping Insulation
336313	Underground Hot Water Distribution System
Product Data Manual dated October 18, 2013	
Sundt Construction, Inc. Instructions to Bidders with applicable Exhibits dated October 29, 2013	
Sundt Construction, Inc. Addendum No. 1 dated October 29, 2013 Included reissuing Landscaping Plans	
Sundt Construction, Inc. Addendum No. 2 dated November 5, 2013 Included Foundation Permit Drawings, Excavation Sequence Drawings, and Foundations Design Calcs	
Sundt Construction, Inc. Addendum No. 3 dated November 8, 2013 Included Specification Section 084113	



# SUNDT

Sundt Construction, Inc. Addendum No. 4 dated November 11, 2013 Included Specification Sections 074120 and 111226
Sundt Construction, Inc. Post Closing Addendum No. 5 dated November 13, 2013 Included Revised Drawings E201, E202, and E203
Sundt Construction, Inc. Post Closing Addendum No. 6 dated January 9, 2014 Included Revised Specification Section 111226, Pima County Parcel Plan, and Revised Sheets AG-101, 102, 501, 601, and 701.
Sundt Construction, Inc. Post Closing Addendum No. 7 dated January 21, 2014 Included Revised Architectural Sheets, Structural Sheets, Landscape Sheets, and Specification Section 075552.
Sundt Construction, Inc. Post Closing Addendum No. 8 dated January 24, 2014 Included Revised Drawings E-203 and E-203 (ERROR-not marked E-204 as stated)
Final Geotechnical Engineering Evaluation issued by Pattison Evanoff Engineering LLC, dated September 3, 2013
Final Geotechnical Report issued by NCS Consultants LLC, dated May 17, 2011
Final Geotechnical Report, Addendum No. 1 issued by NCS Consultants LLC, dated June 1, 2011



# ADDENDUM NO. 1

# SUNDT

Page 1 of 2

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TO:	Date Issued: 10/29/13
Fax:	Solicitation No:
Phone:	

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Project Name: *Downtown Courts Complex - Parking Garage*  
City: *Tucson* State: *AZ*  
Project Owner: *Pima County - Procurement Department*  
Estimating Contact: *Ray Baker*  
Estimating Office: *Southern Arizona / Tucson Office* Phone: *(480) 293-3014*  
E-mail: *Rwbaker@sundt.com* Fax: *(520) 750-4468*  
Quotation Due Date : *11/12/13* No Later Than: *2:00 PM Arizona*

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Note: New information for this project has become available.

To access additional information about this project visit our online Subcontractor Portal at:  
<http://subcontractor.sundt.com> Click LOGIN and enter your Access code:

## \*\*\* ADDENDUM NO. 1 \*\*\*

In accordance with the Project Specifications and Contract Documents, and as noted in the Instructions to Bidders, Bidders are hereby notified that the following Addendum No. 1, dated October 29, 2013 shall be made a part of the Project Contract Documents and the Bidder shall acknowledge receipt of this Sundt Addendum No. 1 on the Bid Form (Exhibit "A").

### Documents Issued under Addendum No. 1:

#### 1-1. Instructions to Bidders with Exhibits:

- Exhibit A - BID FORM
- Exhibit B - SAMPLE CODE OF SAFE PRACTICES
- Exhibit C - PROJECT SCHEDULE
- Exhibit D - SAMPLE SUBCONTRACT AND PURCHASE ORDER AGREEMENTS
- Exhibit G - TEXTURA OVERVIEW
- Exhibit H - Z-25 PROGRAM MANUAL
- Exhibit I - SITE LOGISTICS PLAN
- Exhibit J - OWNER AGREEMENT - ARTICLE 2 - LABOR COSTS
- Exhibit J1 - SAMPLE LABOR COSTS
- Exhibit J2 - ACTUAL LABOR COST FORM
- Exhibit K - QUALITY MANAGEMENT PROGRAM
- Exhibit L - SUPPLEMENTAL BID INSTRUCTIONS - TRADE SPECIFIC SCOPES

(Exhibits E and F to follow in forthcoming Addendum.)

- 1-2. Reissued the Landscape Plans, as there was a malfunction when trying to open (14 Sheets).
- 1-3. Final Geotechnical Engineering Evaluation Issued by Pattison Evanoff Engineering, LLC (92 pages, dated 9-3-13).
- 1-4. Final Geotechnical Report (2011) issued by NCS Consultants LLC (150 pages, dated 5-17-11).
- 1-5. Final Geotechnical Report (2011) Addendum No 1 issued by NCS Consultants LLC (7 pages 8-1-11).

**CONTINUED ON PAGE 2**

ARIZONA • CALIFORNIA • NEW MEXICO • NEVADA • TEXAS

CONTRACTOR LICENSES: AZ: ROC068012-A, ROC068014-L-09, ROC078799-L-37, ROC076101-L-11, CA: 453175-A,B, NM: 23143,  
ROC068013-B-01, ROC078088-L-04, ROC076561-L-39, ROC067653-B, NV: 22067-A-B



# **ADDENDUM NO. 1**

# **SUNDT**

*Page 2 of 2*

To view the Addendum No. 1 attachments, please go on line to our Subcontractor Portal at <http://subcontractor.sundt.com> (no www). An "Access code" has been provided in the square above. When you access this site, please input the code at the LOGIN page, at choice 1 Login. Please be careful to use all lower case letters. The Addendum documents are located under the heading "Project Documents" under "Addenda."

All subcontractors are **REQUIRED** to adhere to Sundt prequalification procedures. Bids will not be considered until ALL requested information has been received. Please contact Aly Gartin at 520-750-4702 or [ajgartin@sundt.com](mailto:ajgartin@sundt.com) to proof your company's qualification status.

Project specific questions should be directed to Ray Baker at 480-293-3014 or via e-mail at [rwbaker@sundt.com](mailto:rwbaker@sundt.com). Questions regarding the Subcontractor Portal can be directed to Aly Gartin at 520-750-4702 or [ajgartin@sundt.com](mailto:ajgartin@sundt.com). Please do not contact any of the Architects, Engineers, Consultants, or Owner directly.

**END OF ADDENDUM NO. 1**

ARIZONA • CALIFORNIA • NEW MEXICO • NEVADA • TEXAS

CONTRACTOR LICENSES: AZ: ROC068012-A ROC068014-L-09 ROC078799-L-37 ROC076101-L-11 CA: 453175-A-B NM: 23143  
ROC068013-B-01 ROC078088-L-04 ROC076561-L-39 ROC067653-B NV: 22067-A-B



# ADDENDUM NO. 2

# SUNDT

Page 1 of 2

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TO:		Date Issued:	11/5/13
Fax:	Phone:	Solicitation No:	

---

Project Name: *Downtown Courts Complex - Parking Garage*  
City: *Tucson* State: *AZ*  
Project Owner: *Pima County - Procurement Department*  
Estimating Contact: *Ray Baker*  
Estimating Office: *Southern Arizona / Tucson Office* Phone: *(480) 293-3014*  
E-mail: *Rwbaker@sundt.com* Fax: *(520) 750-4468*  
Quotation Due Date : *11/12/13* No Later Than: *2:00 PM Arizona*

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Note: New information for this project has become available.

To access additional information about this project visit our online Subcontractor Portal at:  
<http://subcontractor.sundt.com> Click LOGIN and enter your Access code:

**\*\*\* ADDENDUM NO. 2 \*\*\***  
**BID DATE REMAINS THE SAME.**

In accordance with the Project Specifications and Contract Documents, and as noted in the Instructions to Bidders, Bidders are hereby notified that the following Addendum No. 2, dated November 5, 2013 shall be made a part of the Project Contract Documents and the Bidder shall acknowledge receipt of this Sundt Addendum No. 2 on the Bid Form (Exhibit "A").

**The Prebid Meeting/COT Small Business Outreach remains Wednesday, November 6, 2013** from 12:30 to 2:00 p.m. with a job walk immediately following. Please be punctual as the job walk will be done as a group. Please plan to attend!!!!

**Documents Issued under Addendum No. 2:**

- 2-1. Revised Exhibit A - Bid Form (4 pages), with referenced Bid Alternate No. 3 Aluminum Extrusions-Rectangular Tube cut sheets (2 pages), and Miscellaneous Framing cut sheets (6 pages).
- 2-2. RFI Question and Answer Log (2 pages), with referenced RFI 005-Electrical Room Wall Detail Sketch (1 page), and RFI 015-Revised Specification Section 087100-Door Hardware (17 pages).
- 2-3. Foundation Permit Drawings (23 pages).
- 2-4. Foundation Design Calcs (117 pages).
- 2-5. Excavation Sequence Drawing (1 page).

To view the Addendum No. 2 attachments, please go on line to our Subcontractor Portal at <http://subcontractor.sundt.com> (no www). An "Access code" has been provided in the square above. When you access this site, please input the code at the LOGIN page, at choice 1 Login. Please be careful to use all lower case letters. The Addendum documents are located under the heading "Project Documents" under "Addenda."

**CONTINUED ON PAGE 2**

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CONTRACTOR LICENSES: AZ: ROC068012-A ROC068014-L-09 ROC078799-L-37 ROC076101-L-11 CA: 453175-A-B NM: 23143  
ROC068013-B-01 ROC078088-L-04 ROC076561-L-39 ROC067653-B NV: 22067-A-B



# SUNDT

## **ADDENDUM NO. 2**

*Page 2 of 2*

All subcontractors are **REQUIRED** to adhere to Sundt prequalification procedures. Bids will not be considered until ALL requested information has been received. Please contact Aly Gartin at 520-750-4702 or [algartin@sundt.com](mailto:algartin@sundt.com) to proof your company's qualification status.

Project specific questions should be directed to Ray Baker at 480-293-3014 or via e-mail at [rwbaker@sundt.com](mailto:rwbaker@sundt.com). Questions regarding the Subcontractor Portal can be directed to Aly Gartin at 520-750-4702 or [algartin@sundt.com](mailto:algartin@sundt.com). Please do not contact any of the Architects, Engineers, Consultants, or Owner directly.

**END OF ADDENDUM NO. 2**

ARIZONA • CALIFORNIA • NEW MEXICO • NEVADA • TEXAS

CONTRACTOR LICENSES: AZ: ROC068012-A ROC068014-L-09 ROC078799-L-37 ROC076101-L-11 CA: 453175-A,B NM: 23143  
ROC068013-B-01 ROC078088-L-04 ROC076561-L-39 ROC067653-B NV: 22067-A-B





# ADDENDUM NO. 3

# SUNDT

Page 1 of 1

TO:

Date Issued: 11/8/13

Fax:

Phone:

Solicitation No:

Project Name: *Downtown Courts Complex - Parking Garage*

City: *Tucson*

State: *AZ*

Project Owner: *Pima County - Procurement Department*

Estimating Contact: *Ray Baker*

Estimating Office: *Southern Arizona / Tucson Office*

Phone: *(480) 293-3014*

E-mail: *Rwbaker@sundt.com*

Fax: *(520) 750-4468*

Quotation Due Date : *11/12/13*

No Later Than: *2:00 PM Arizona*

Note: New information for this project has become available.

To access additional information about this project visit our online Subcontractor Portal at:

<http://subcontractor.sundt.com> Click LOGIN and enter your Access code:

## \*\*\* ADDENDUM NO. 3 \*\*\*

### BID DATE REMAINS THE SAME.

In accordance with the Project Specifications and Contract Documents, and as noted in the Instructions to Bidders, Bidders are hereby notified that the following Addendum No. 3, dated November 8, 2013 shall be made a part of the Project Contract Documents and the Bidder shall acknowledge receipt of this Sundt Addendum No. 3 on the Bid Form (Exhibit "A").

#### Documents Issued under Addendum No. 3:

- 3-1. RFI Question & Answer Log As of November 8, 2013 (3 pages)
- 3-2. RFI 026 - Specification Section 084113 Aluminum-Framed Entrances & Storefronts (12 pages)
- 3-3. Lighting Bid Scope Clarification, Addendum No. 3 Supplement (1 Page)
- 3-4. EV Charger Information, e-mail from Carter Volle with two sheets outlining the EV Spaces.

To view the Addendum No. 3 attachments, please go on line to our Subcontractor Portal at <http://subcontractor.sundt.com> (no www). An "Access code" has been provided in the square above. When you access this site, please input the code at the LOGIN page, at choice 1 Login. Please be careful to use all lower case letters. The Addendum documents are located under the heading "Project Documents" under "Addenda."

All subcontractors are REQUIRED to adhere to Sundt prequalification procedures. Bids will not be considered until ALL requested information has been received. Please contact Aly Gartin at 520-750-4702 or [ajgartin@sundt.com](mailto:ajgartin@sundt.com) to proof your company's qualification status.

Project specific questions should be directed to Ray Baker at 480-293-3014 or via e-mail at [rwbaker@sundt.com](mailto:rwbaker@sundt.com). Questions regarding the Subcontractor Portal can be directed to Aly Gartin at 520-750-4702 or [ajgartin@sundt.com](mailto:ajgartin@sundt.com). Please do not contact any of the Architects, Engineers, Consultants, or Owner directly.

**END OF ADDENDUM NO. 3**

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CONTRACTOR LICENSES: AZ: ROC068012-A ROC068014-L-09 ROC078799-L-37 ROC076101-L-11 CA: 453175-A-B NM: 23143  
ROC068013-B-01 ROC078088-L-04 ROC076561-L-39 ROC067653-B NV: 22067-A-B



# ADDENDUM NO. 4

# SUNDT

Page 1 of 1

TO:

Date Issued: 11/11/13

Fax:

Phone:

Solicitation No:

Project Name: *Downtown Courts Complex - Parking Garage*

City: *Tucson*

State: *AZ*

Project Owner: *Pima County - Procurement Department*

Estimating Contact: *Ray Baker*

Estimating Office: *Southern Arizona / Tucson Office*

Phone: *(480) 293-3014*

E-mail: *Rwbaker@sundt.com*

Fax: *(520) 750-4468*

Quotation Due Date : *11/12/13*

No Later Than: *2:00 PM Arizona*

Note: New information for this project has become available.

To access additional information about this project visit our online Subcontractor Portal at:

<http://subcontractor.sundt.com> Click LOGIN and enter your Access code:

## \*\*\* ADDENDUM NO. 4 \*\*\*

### BID DATE REMAINS TUESDAY, NOVEMBER 12, 2013

In accordance with the Project Specifications and Contract Documents, and as noted in the Instructions to Bidders, Bidders are hereby notified that the following Addendum No. 4, dated November 11, 2013 shall be made a part of the Project Contract Documents and the Bidder shall acknowledge receipt of this Sundt Addendum No. 4 on the Bid Form (Exhibit "A").

#### Documents Issued under Addendum No. 4:

- 4-1. Revised Spec Section 074120 - Metal Roof Panels (11 pages)
- 4-2. RFI Question and Answer Log as of November 11, 2013 (4 pages)
- 4-3. RFI 011 - Response Fire Protection to Garage (3 pages)
- 4-4. RFI 030 - Response Parking Revenue System Clarifications (2 pages)
- 4-5. Revised Spec Section 111226 (00 through 07) - Parking Access and Revenue Control System (42 pages)

To view the Addendum No. 4 attachments, please go on line to our Subcontractor Portal at <http://subcontractor.sundt.com> (no www). An "Access code" has been provided in the square above. When you access this site, please input the code at the LOGIN page, at choice 1 Login. Please be careful to use all lower case letters. The Addendum documents are located under the heading "Project Documents" under "Addenda."

All subcontractors are REQUIRED to adhere to Sundt prequalification procedures. Bids will not be considered until ALL requested information has been received. Please contact Aly Gartin at 520-750-4702 or [ajgartin@sundt.com](mailto:ajgartin@sundt.com) to proof your company's qualification status.

Project specific questions should be directed to Ray Baker at 480-293-3014 or via e-mail at [rwbaker@sundt.com](mailto:rwbaker@sundt.com). Questions regarding the Subcontractor Portal can be directed to Aly Gartin at 520-750-4702 or [ajgartin@sundt.com](mailto:ajgartin@sundt.com). Please do not contact any of the Architects, Engineers, Consultants, or Owner directly.

**END OF ADDENDUM NO. 4**

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CONTRACTOR LICENSES: AZ: ROC068012-A ROC068014-L-09 ROC078799-L-37 ROC076101-L-11 CA: 453175-A-B NM: 23143  
ROC068013-B-01 ROC078088-L-04 ROC076561-L-39 ROC067653-B NV: 22067-A-B



# POST CLOSING ADDENDUM NO. 5

## SUNDT

Page 1 of 2

TO:

Date Issued: 11/13/13

Fax:

Phone:

Solicitation No:

Project Name: *Downtown Courts Complex - Parking Garage*

City: *Tucson*

State: *AZ*

Project Owner: *Pima County - Procurement Department*

Estimating Contact: *Ray Baker*

Estimating Office: *Southern Arizona / Tucson Office*

Phone: *(480) 293-3014*

E-mail: *Rwbaker@sundt.com*

Fax: *(520) 750-4468*

PCC Add 5 Numbers Due : 11/18/13

No Later Than: *2:00 PM Arizona*

Note: New information for this project has become available.

To access additional information about this project visit our online Subcontractor Portal at:

<http://subcontractor.sundt.com> Click LOGIN and enter your Access code:

### \*\*\* POST CLOSING ADDENDUM NO. 5 \*\*\*

In accordance with the Project Specifications and Contract Documents, and as noted in the Instructions to Bidders, Bidders are hereby notified that the following Post Closing Addendum No. 5, dated November 13, 2013 shall be made a part of the Project Contract Documents and the Bidder shall acknowledge receipt of this Sundt Post Closing Addendum No. 5 on the Bid Form (Exhibit "A"). Please return your revised price no later than Monday, November 18th, by 2:00 p.m.

Documents issued under PC Addendum No. 5:

5-1. The Base Bid Parking Garage Lighting Design, which includes Revised Drawings E201, E202, and E203 (3 sheets, dated 11-13-13)

To view the PC Addendum No. 5 attachments, please go on line to our Subcontractor Portal at <http://subcontractor.sundt.com> (no www). An "Access code" has been provided in the square above. When you access this site, please input the code at the LOGIN page, at choice 1 Login. Please be careful to use all lower case letters. The Addendum documents are located under the heading "Project Documents" under "Addenda."

CONTINUED ON PAGE 2...

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CONTRACTOR LICENSES: AZ: ROC068012-A ROC068014-L-09 ROC078799-L-37 ROC076101-L-11 CA: 453175-A-B NM: 23143  
ROC068013-B-01 ROC078088-L-04 ROC076561-L-39 ROC067653-B NV: 22067-A-B



# SUNDT

## POST CLOSING ADDENDUM NO. 5

Page 2 of 2

*All subcontractors are REQUIRED to adhere to Sundt prequalification procedures. Bids will not be considered until ALL requested information has been received. Please contact Aly Gartin at 520-750-4702 or [ajgartin@sundt.com](mailto:ajgartin@sundt.com) to proof your company's qualification status.*

*Project specific questions should be directed to Ray Baker at 480-293-3014 or via e-mail at [rwbaker@sundt.com](mailto:rwbaker@sundt.com). Questions regarding the Subcontractor Portal can be directed to Aly Gartin at 520-750-4702 or [ajgartin@sundt.com](mailto:ajgartin@sundt.com). Please do not contact any of the Architects, Engineers, Consultants, or Owner directly.*

END OF POST CLOSING ADDENDUM NO. 5

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CONTRACTOR LICENSES: AZ: ROC068012-A ROC068014-L-09 ROC078799-L-37 ROC076101-L-11 CA: 453175-A-B NM: 23143  
ROC068013-B-01 ROC078088-L-04 ROC076561-L-39 ROC067653-B NV: 22067-A-B



# SUNDT

## POST CLOSING ADDENDUM NO.6

Page 1 of 2

TO:

Date Issued: 1/9/14

Fax:

Phone:

Solicitation No:

Project Name: *Downtown Courts Complex - Parking Garage*

City: *Tucson*

State: *AZ*

Project Owner: *Pima County - Procurement Department*

Estimating Contact: *Ray Baker*

Estimating Office: *Southern Arizona / Tucson Office*

Phone: *(480) 293-3014*

E-mail: *Rwbaker@sundt.com*

Fax: *(520) 750-4468*

Quotation Due Date :

*1/21/14*

No Later Than: *2:00 PM Arizona*

Note: New information for this project has become available.

To access additional information about this project visit our online Subcontractor Portal at:

<http://subcontractor.sundt.com> Click LOGIN and enter your Access code:

### \*\*\* POST CLOSING ADDENDUM NO. 6 \*\*\*

Because of budget challenges on the project, Sundt Construction, on behalf of Pima County and the design consultants, is compiling additional design and specification information along with an extensive list of "Pricing Options." We are asking all subcontractors and vendors to review the new information provided within this Addendum and submit revised pricing by Tuesday, January 21, 2014 no later than noon.

In accordance with the Project Specifications and Contract Documents, and as noted in the Instructions to Bidders, Bidders are hereby notified that the following Post Closing Addendum No. 6, dated January 9, 2014 shall be made a part of the Project Contract Documents and the Bidder shall acknowledge receipt of this Sundt PC Addendum No. 6 on the revised Bid Form (Exhibit "A").

Documents issued under PC Addendum No. 6:

- 6-1. Revised Exhibit A - Bid Form
- 6-2. Pricing Options
- 6-3. Responses to RFI 027 Electrical Connection to LSF and RFI 028 Location for Future CHW & HW Riser.
- 6-4. Revised Spec Section 111226-Parking Access and Revenue Control System (PARCS).
- 6-5. Pima County Parcel Plan.
- 6-6. Garage Signage Plans AG-101, 102, 501, 601, and 701.

To view the Post Closing Addendum No. 6 attachments, please go on line to our Subcontractor Portal at <http://subcontractor.sundt.com> (no www). An "Access code" has been provided in the square above. When you access this site, please input the code at the LOGIN page, at choice 1 Login. Please be careful to use all lower case letters. The Addendum documents are located under the heading "Project Documents" under "Addenda."

**Continued on Page 2...**

ARIZONA • CALIFORNIA • NEW MEXICO • NEVADA • TEXAS

CONTRACTOR LICENSES: AZ: ROC068012-A ROC068014-L-09 ROC078799-L-37 ROC076101-L-11 CA: 453175-A-B NM: 23143  
ROC068013-B-01 ROC078088-L-04 ROC076561-L-39 ROC067653-B NV: 22067-A-B



# SUNDT

## **POST CLOSING ADDENDUM NO.6**

*Page 2 of 2*

All subcontractors are REQUIRED to adhere to Sundt prequalification procedures. Bids will not be considered until ALL requested information has been received. Please contact Aly Gartin at 520-750-4702 or [ajgartin@sundt.com](mailto:ajgartin@sundt.com) to proof your company's qualification status.

Project specific questions should be directed to Ray Baker at 480-293-3014 or via e-mail at [rwbaker@sundt.com](mailto:rwbaker@sundt.com). Questions regarding the Subcontractor Portal can be directed to Aly Gartin at 520-750-4702 or [ajgartin@sundt.com](mailto:ajgartin@sundt.com). Please do not contact any of the Architects, Engineers, Consultants, or Owner directly.

**END OF POST CLOSING ADDENDUM NO. 6**

ARIZONA • CALIFORNIA • NEW MEXICO • NEVADA • TEXAS

CONTRACTOR LICENSES: AZ: ROC068012-A ROC068014-L-09 ROC078799-L-37 ROC076101-L-11 CA: 453175-A-B NM: 23143  
ROC068013-B-01 ROC078088-L-04 ROC076561-L-39 ROC067653-B NV: 22067-A-B



# POST CLOSING ADDENDUM NO. 7

## SUNDT

Page 1 of 2

TO:

Date Issued: 1/21/14

Fax:

Phone:

Solicitation No:

Project Name: *Downtown Courts Complex - Parking Garage*

City: *Tucson*

State: *AZ*

Project Owner: *Pima County - Procurement Department*

Estimating Contact: *Ray Baker*

Estimating Office: *Southern Arizona / Tucson Office*

Phone: *(480) 293-3014*

E-mail: *Rwbaker@sundt.com*

Fax: *(520) 750-4468*

Quotation Due Date : *1/27/14*

No Later Than: *12:00 PM Arizona*

Note: New information for this project has become available.

To access additional information about this project visit our online Subcontractor Portal at:

<http://subcontractor.sundt.com> Click LOGIN and enter your Access code:

### \*\*\* POST CLOSING ADDENDUM NO. 7 \*\*\* Bid Date Extended to Monday, January 27, 2014

In accordance with the Project Specifications and Contract Documents, and as noted in the Instructions to Bidders, Bidders are hereby notified that the following Post Closing Addendum No. 7, dated January 21, 2014 shall be made a part of the Project Contract Documents and the Bidder shall acknowledge receipt of this Sundt Post Closing Addendum No. 7 on the Revised Bid Form (Exhibit "A").

**NOTICE TO ALL BIDDERS:** As a result of extensive value engineering discussions with the Owner and the Design Team, refreshed design documents were issued 1/21/2014, including: Hardscape/Landscape, Architectural, and Structural, capturing the accepted items from the 'Pricing Options' list in Post-Closing Addendum No. 6. Although most bids received in response to Post Closing Addendum No. 6, should be complete, **ALL** bidders are being asked to review these refreshed design documents to validate their work scope and pricing. The trades effected include but may not be limited to: Landscape; Site Concrete; Striping; Fencing; Building Concrete; Precast Concrete; Misc. Metals; Joint Sealants; Expansion Joints; Roofing (New Specification); Painting; Signage; and Access Control.

**Refreshed Bid Proposals are Due: Monday, January 27, 2014 by 12:00 noon.**

#### Documents issued under PC Addendum No. 7:

- 7-1. Revised Architectural sheets (22 sheets, dated 1-21-14).
- 7-2. Revised Structural sheets (37 sheets).
- 7-3. Revised Landscape sheets (14 sheets, dated 1-20-14).
- 7-4. Revised Spec Section 075552-Modified Bituminous Protected Membrane Roofing (15 pages).
- 7-5. Revised Bid Form (Exhibit A).

**CONTINUED ON PAGE 2...**

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CONTRACTOR LICENSES: AZ: ROC068012-A ROC068014-L-09 ROC078799-L-37 ROC076101-L-11 CA: 453175-A-B NM: 23143  
ROC068013-B-01 ROC078088-L-04 ROC076561-L-39 ROC067653-B NV: 22067-A-B



# SUNDT

## **POST CLOSING ADDENDUM NO. 7**

*Page 2 of 2*

To view the PC Addendum No. 7 attachments, please go on line to our Subcontractor Portal at <http://subcontractor.sundt.com> (no www). An "Access code" has been provided in the square on Page 1. When you access this site, please input the code at the LOGIN page, at choice 1 Login. Please be careful to use all lower case letters. The Addendum documents are located under the heading "Project Documents" under "Addenda."

All subcontractors are REQUIRED to adhere to Sundt prequalification procedures. Bids will not be considered until ALL requested information has been received. Please contact Aly Gartin at 520-750-4702 or [ajgartin@sundt.com](mailto:ajgartin@sundt.com) to proof your company's qualification status.

Project specific questions should be directed to Ray Baker at 480-293-3014 or via e-mail at [rwbaker@sundt.com](mailto:rwbaker@sundt.com). Questions regarding the Subcontractor Portal can be directed to Aly Gartin at 520-750-4702 or [ajgartin@sundt.com](mailto:ajgartin@sundt.com). Please do not contact any of the Architects, Engineers, Consultants, or Owner directly.

**END OF POST CLOSING ADDENDUM NO. 7**

ARIZONA • CALIFORNIA • NEW MEXICO • NEVADA • TEXAS

CONTRACTOR LICENSES: AZ: ROC068012-A ROC068014-L-09 ROC078799-L-37 ROC076101-L-11 CA: 453175-A-B NM: 23143  
ROC068013-B-01 ROC078088-L-04 ROC076561-L-39 ROC067653-B NV: 22067-A-B





# SUNDT

## POST CLOSING ADDENDUM NO. 8

Page 1 of 1

TO:

Date Issued: 1/24/14

Fax:

Phone:

Solicitation No:

Project Name: *Downtown Courts Complex - Parking Garage*

City: *Tucson*

State: *AZ*

Project Owner: *Pima County - Procurement Department*

Estimating Contact: *Ray Baker*

Estimating Office: *Southern Arizona / Tucson Office*

Phone: *(480) 293-3014*

E-mail: *Rwbaker@sundt.com*

Fax: *(520) 750-4468*

Quotation Due Date :

*1/27/14*

No Later Than: *12:00 PM Arizona*

Note: New information for this project has become available.

To access additional information about this project visit our online Subcontractor Portal at:

<http://subcontractor.sundt.com> Click LOGIN and enter your Access code:

### \*\*\* POST CLOSING ADDENDUM NO. 8 \*\*\*

In accordance with the Project Specifications and Contract Documents, and as per Instructions to Bidders, Bidders are hereby notified that the following Post Closing Addendum No. 8, dated January 24, 2014 shall be made a part of the Project Contract Documents and the Bidder shall acknowledge receipt of this Sundt Post Closing Addendum No. 8 on the Revised Bid Form (Exhibit "A"). Please return your revised price no later than Thursday, January 30, 2014 by 12:00 noon.

**NOTICE TO ELECTRICAL BIDDERS ONLY:** As a result of extensive value engineering discussions with the Owner and the Design Team, revised electrical design sheets E-203 and E-204, were issued 1/24/2014. Only Electrical bidders are being asked to review these refreshed design drawings to validate their work scope and pricing.

Electrical Refreshed Bid Proposals are Due: Thursday, January 30, 2014 by 12:00 noon.

#### Documents issued under PC Addendum No. 8:

8-1. Revised Sheets E-203 and E-204.

To view the PC Addendum No. 8 attachments, please go on line to our Subcontractor Portal at <http://subcontractor.sundt.com> (no www). An "Access code" has been provided in the square above. When you access this site, please input the code at the LOGIN page, at choice 1 Login. Please be careful to use all lower case letters. The Addendum documents are located under the heading "Project Documents" under "Addenda."

Project specific questions should be directed to Ray Baker at 480-293-3014 or via e-mail at [rwbaker@sundt.com](mailto:rwbaker@sundt.com). Questions regarding the Subcontractor Portal can be directed to Aly Gartin at 520-750-4702 or [algartin@sundt.com](mailto:algartin@sundt.com). Please do not contact any of the Architects, Engineers, Consultants, or Owner directly.

**END OF POST CLOSING ADDENDUM NO. 8**

ARIZONA • CALIFORNIA • NEW MEXICO • NEVADA • TEXAS

CONTRACTOR LICENSES: AZ: ROC068012-A ROC068014-L-09 ROC078799-L-37 ROC076101-L-11 CA: 453175-A-B NM: 23143  
ROC068013-B-01 ROC078088-L-04 ROC076561-L-39 ROC067653-B NV: 22067-A-B

## PIMA COUNTY DOWNTOWN COURTS COMPLEX - PARKING GARAGE, RETAIL &amp; SITEWORK

## GMP SUMMARY PAGE

CSI Budget Reconciliation



SUNDT

PROJECT GROSS  
AREA =

243,019 SF

February 11, 2014

CSI DIV	DESCRIPTION	100% DD GMP 11/26/2013	SITEWORK	GARAGE & RETAIL	TOTAL GMP	ACCEPTED/DEL ITEMS 2/7/2014	ADJUSTED GMP TOTAL	GROSS COST/S.F.	COMMENTS
1	Division 1 (General Requirements)	117,458	15,950	147,654	163,604	46,146	0	163,604	0.67
2	Sitework	2,271,010	557,005	1,434,107	1,991,112	(279,898)	0	1,991,112	8.19
3	Concrete	5,642,663	0	5,544,354	5,544,354	(98,309)	0	5,544,354	22.81
4	Masonry	31,769	0	5,000	5,000	(26,769)	0	5,000	0.02
5	Metals	786,450	32,507	689,173	721,680	(64,770)	0	721,680	2.97
6	Wood & Plastics	20,138	0	19,852	19,852	(286)	0	19,852	0.08
7	Thermal & Moisture Protection	444,020	5,688	386,246	391,934	(52,086)	0	391,934	1.61
8	Doors & Windows	571,042	0	405,565	405,565	(165,477)	0	405,565	1.67
9	Finishes	214,384	0	181,901	181,901	(32,483)	0	181,901	0.75
10	Specialties	100,387	0	92,177	92,177	(8,210)	0	92,177	0.38
11	Equipment	349,941	0	234,344	234,344	(115,597)	0	234,344	0.96
12	Furnishings	0	0	2,850	2,850	2,850	0	2,850	0.01
13	Special Construction	0	0	0	0	0	0	0	0.00
14	Conveying Systems	614,800	0	580,150	580,150	(34,650)	0	580,150	2.39
15	Mechanical	614,411	5,000	470,972	475,972	(138,439)	0	475,972	1.96
16	Electrical	1,146,397	191,007	864,480	1,055,487	(90,910)	0	1,055,487	4.34
	Design/Permitting Completion ALLOWANCE	0	0	0	0	0	0	0	0.00 By Owner
<b>Total Direct Costs</b>		<b>\$ 12,924,870</b>	<b>\$ 807,157</b>	<b>\$ 11,058,825</b>	<b>\$ 11,865,982</b>	<b>\$ (1,058,888)</b>	<b>0</b>	<b>\$ 11,865,982</b>	<b>\$ 48.83</b>
<b>Indirect Costs</b>									
	GMP Services	0	0	0	0	0	0	0	0.00
	General Conditions	770,510	0	740,005	740,005	(30,505)	0	740,005	3.05
	PL & PD Ins	116,132	6,933	100,210	107,143	(8,989)	0	107,143	0.44
	Builders Risk Ins	14,156	0	13,032	13,032	(1,124)	0	13,032	0.05
	Subcontractor Liab. Insurance (Z-25)	187,068	7,745	88,935	96,680	(90,388)	0	96,680	0.40
	Subcontractor Default Insurance	0	5,877	67,481	73,358	73,358	0	73,358	0.30
	G C Bond	139,980	0	128,926	128,926	(11,054)	0	128,926	0.53
	Contractors Contingency (BELOW THE LINE)	0	0	0	0	0	0	0	0.00
	Sales Tax	817,825	49,174	705,564	754,738	(63,087)	-	754,738	3.11
	Contractors Fee	707,635	42,183	610,668	652,851	(54,784)	0	652,851	2.69
<b>Total Indirect Costs</b>		<b>\$ 2,753,306</b>	<b>\$ 111,912</b>	<b>\$ 2,454,820</b>	<b>\$ 2,566,733</b>	<b>\$ (186,573)</b>	<b>0</b>	<b>\$ 2,566,733</b>	<b>\$ 10.56</b>
<b>Total Construction Costs</b>		<b>\$ 15,678,176</b>	<b>\$ 919,069</b>	<b>\$ 13,513,645</b>	<b>\$ 14,432,714</b>	<b>\$ (1,245,462)</b>	<b>0</b>	<b>\$ 14,432,714</b>	<b>\$ 59.39</b>
<b>Total Direct &amp; Indirect Costs</b>		<b>\$ 15,678,176</b>	<b>\$ 919,069</b>	<b>\$ 13,513,645</b>	<b>\$ 14,432,714</b>	<b>\$ (1,245,462)</b>	<b>0</b>	<b>\$ 14,432,714</b>	<b>\$ 59.39</b>
<b>Contractor's Contingency</b>		<b>\$ 273,908</b>	<b>\$ 16,462</b>	<b>\$ 236,296</b>	<b>\$ 252,758</b>	<b>\$ (21,150)</b>	<b>0</b>	<b>\$ 252,758</b>	<b>\$ 1.04</b>
<b>Project Total with Contractor's Contingency</b>		<b>\$ 15,952,084</b>	<b>\$ 935,531</b>	<b>\$ 13,749,941</b>	<b>\$ 14,685,472</b>	<b>\$ (1,266,612)</b>	<b>0</b>	<b>\$ 14,685,472</b>	<b>\$ 60.43</b>

**PIMA COUNTY DOWNTOWN COURTS COMPLEX -  
PARKING GARAGE, RETAIL & SITEWORK**  
GMP Detail Sheet

Updated: 2/11/14 10:57 AM



DIV	SECT.	DESCRIPTION	100% DD - GMP SET	SUBCONTRACTOR	ITEMS NOT BID AND ADJUSTMENTS	GMP SET "B"	
			"A" BID AMOUNT			AMOUNT	
1 DIVISION 1 (General Conditions & General Requirements)							
	1100	General Requirements	147,654	Sundt Construction		0	
		JANITOR SERVICE	0	Tracy's Dynamic Cleaning, Inc.		0	
		CHEMICAL TOILETS	0	Diggins & Sons Power Sweeping, Inc.		0	
		DUMPSTER/DUMP FEES	0	Diggins & Sons Power Sweeping, Inc.		0	
		PROJECT SIGNS	0			0	
		TEMPORARY FENCE	0			0	
		REUSE OF OWNER'S TEMPORARY FENCING	0			0	
		FINAL CLEANING	0	Tracy's Dynamic Cleaning, Inc.	Final Cleaning	0	
		FINAL CLEANING - Glass	0	Tracy's Dynamic Cleaning, Inc.		0	
		DUST CONTROL	0	Diggins & Sons Power Sweeping, Inc.		0	
		STREET SWEEPING	0	Diggins & Sons Power Sweeping, Inc.		0	
		TRACK OUT REQUIREMENTS	0	Diggins & Sons Power Sweeping, Inc.		0	
			0			0	
	1201	Construction Parking Accommodations (2 lots)	0	Sundt Construction		0	
	1200	General Conditions	0	See Summary Sheet		0	
					CoT Parking Lot Rental ALLOWANCE	15,950	
		Total	147,654			15,950	
							163,604 (163,604)
Total Division 1 (General Requirements)			147,654	Total Scope Requirements (A+B)		163,604	
2 SITEWORK							
			0			0	
		EARTHWORK	0			0	
	01300.148	Garage-Retail Survey/layout services	8,770	Darling Geomatics		0	
	01300.149	Site Survey/layout services	25,425	Darling Geomatics		0	
		Garage - Remove basement wall knock-out panel	0	Sundt Concrete - See Concrete		0	
	02300	Earthwork - Garage & Retail	1,334,597	Blount Contracting		0	
	02300	Earthwork - Site	45,545	Blount Contracting		0	
	02300	Earthwork - Site	0		Stone Avenue drainage issue ALLOWAN	15,000	

**PIMA COUNTY DOWNTOWN COURTS COMPLEX -  
PARKING GARAGE, RETAIL & SITEWORK**  
GMP Detail Sheet

Updated: 2/11/14 10:57 AM



DIV	SECT.	DESCRIPTION	100% DD - GMP SET	SUBCONTRACTOR	ITEMS NOT BID AND ADJUSTMENTS	GMP SET "B" AMOUNT	
			"A" BID AMOUNT				
		Total Earthwork	1,414,337			15,000	
							1,429,337
							(1,429,337)
		<b>TERMITE CONTROL</b>	0			0	
	2280	Garage & Retail - Termite Control	3,000	SOS Exterminating		0	
			0			0	
		Total Termite Control	3,000			0	
							3,000
							0
		<b>SITE UTILITIES</b>	0			0	
	02500	Site - Utilities	0	w/ MEP		0	
			0			0	
		Total for Site Utilities	0			0	
							0
							0
		<b>PAVEMENT MARKINGS &amp; SIGNAGE</b>	0			0	
	02740.017	Site - Grossetta pavement	0	w/ Phase I		0	
		Parking garage traffic striping	16,014	Arrow Striping		0	
		Total Pavement Markings & Signage	16,014			0	
							16,014
							(16,014)
		<b>CHAIN LINK FENCING</b>	0			0	
		Garage - Chain link fencing	11,181	Biff Baker Fence		0	
			0			0	
		Total Chain Link Fencing	11,181			0	
							11,181
							(11,181)

**PIMA COUNTY DOWNTOWN COURTS COMPLEX -  
PARKING GARAGE, RETAIL & SITEWORK**  
GMP Detail Sheet

Updated: 2/11/14 10:57 AM



DIV	SECT.	DESCRIPTION	100% DD - GMP SET	SUBCONTRACTOR	ITEMS NOT BID AND ADJUSTMENTS	GMP SET "B" AMOUNT	
			"A" BID AMOUNT				
		<b>LANDSCAPE &amp; IRRIGATION</b>	0			0	
	2900	Site - Landscaping	231,358	The Groundskeeper		0	
			0			0	
		Total Landscape & Irrigation	231,358			0	
							231,358
							(231,358)
		<b>SITE CONCRETE</b>	0			0	
	2710	Site - Offsite/Onsite Sidewalks, Curb & Gutter	254,274	Sahara Development		0	
			0			0	
		Total Site Concrete	254,274			0	
							254,274
							(254,274)
		<b>SITE FURNISHING</b>	0			0	
		Site - Relocate existing bus stop	2,040	Sundt Concrete		0	
		Site furnishings	43,908	Maglin/Sundt		0	
		Total Site Furnishings	45,948			0	
							45,948
							(45,948)
		<b>TOTAL SITEWORK</b>	<b>1,976,112</b>		<b>Total Scope Requirements (A+B)</b>	<b>1,991,112</b>	
<b>3 CONCRETE</b>							
		<b>CAST IN PLACE CONCRETE</b>				0	
		Garage & Retail - Foundations	463,358	Sundt Concrete	Ice Allowance per D. Division 3.2.f.	20,318	
		Garage & Retail - Concrete walls	425,350	Sundt Concrete		0	
		Garage & Retail - Columns	38,723	Sundt Concrete		0	
		Garage - Pits	25,395	Sundt Concrete		0	
		Garage & Retail - SOG	172,706	Sundt Concrete		0	
		Garage - Precast topping	763,351	Sundt Concrete		0	
		Garage - Stairs & landings	31,999	Sundt Concrete		0	
		Garage & Retail - Housekeeping pads	0	Sundt Concrete		0	
	3160	House GL #062 - Demo. Man door blockout between garage an Courts Tower basement	3,150	Sundt Concrete		0	
		DEL #03-14 Change foundation concrete design mix to include fly-ash and eliminate air entrainment.	(3,000)	Sundt Concrete		0	
			0			0	

PIMA COUNTY DOWNTOWN COURTS COMPLEX -  
PARKING GARAGE, RETAIL & SITEWORK  
GMP Detail Sheet

Updated: 2/11/14 10:57 AM



DIV	SECT.	DESCRIPTION	100% DD - GMP SET	SUBCONTRACTOR	ITEMS NOT BID AND ADJUSTMENTS	GMP SET "B" AMOUNT	
			"A" BID AMOUNT				
		Total Cast In Place Concrete	1,921,032			20,318	
						1,941,350	
						(1,941,350)	
		<b>REINFORCING STEEL</b>				0	
		Garage & Retail - Rebar	442,664	Sundt Concrete		0	
		Total Reinforcing	442,664			0	
						442,664	
						(442,664)	
		<b>PRE-CAST CONCRETE</b>				0	
	3400	Pre -Cast Concrete	0			0	
		Garage - Structural and architectural precast concrete	3,160,340	Coreslab		0	
		Total Pre-Cast Concrete	3,160,340			0	
						3,160,340	
						(3,160,340)	
		<b>TOTAL CONCRETE</b>	<b>5,524,036</b>		<b>Total Scope Requirements (A+B)</b>	<b>5,544,354</b>	
<b>4 MASONRY</b>							
		<b>MASONRY</b>				0	
		Garage - Interior masonry	5,000	Tellez Masonry		0	
		Total Masonry	5,000			0	
						5,000	
						(5,000)	
		<b>TOTAL MASONRY</b>	<b>5,000</b>		<b>Total Scope Requirements (A+B)</b>	<b>5,000</b>	

**PIMA COUNTY DOWNTOWN COURTS COMPLEX -  
PARKING GARAGE, RETAIL & SITEWORK**  
GMP Detail Sheet

Updated: 2/11/14 10:57 AM



DIV	SECT.	DESCRIPTION	100% DD - GMP SET	SUBCONTRACTOR	ITEMS NOT BID AND ADJUSTMENTS	GMP SET "B"	
			"A" BID AMOUNT			AMOUNT	
5 METALS							
		<b>STRUCTURAL STEEL</b>				0	
	5120	Site bridge structures	18,073	Magnum Metals		0	
	5310	Garage & Retail - Misc. Metals	689,173	Cutting Edge		0	
	5500	Site - Misc. Metals	14,434	Cutting Edge		0	
			0			0	
Total Structural Steel			721,680			0	
							721,680
TOTAL METALS			721,680	Total Scope Requirements (A+B)		721,680	
6 WOOD & PLASTICS							
		<b>ROUGH CARPENTRY</b>				0	
		Misc. Rough Carpentry	8,980	Sundt		0	
			0			0	
Total Rough Carpentry			8,980			0	
							8,980
							(8,980)
		<b>MILLWORK</b>				0	
	06415.112	Retail - Architectural Woodwork	10,872	Architectural Millwork Design		0	
			0			0	
Total Millwork			10,872			0	
							10,872
							(10,872)
TOTAL WOOD & PLASTICS			19,852	Total Scope Requirements (A+B)		19,852	

PIMA COUNTY DOWNTOWN COURTS COMPLEX -  
PARKING GARAGE, RETAIL & SITEWORK  
GMP Detail Sheet

Updated: 2/11/14 10:57 AM



DIV	SECT.	DESCRIPTION	100% DD - GMP SET	SUBCONTRACTOR	ITEMS NOT BID AND ADJUSTMENTS	GMP SET "B" AMOUNT	
			"A" BID AMOUNT				
7 WATERPROOFING							
		<b>WATERPROOFING</b>				0	
			0	w/ joint sealants		0	
Total Insulating Concrete			0			0	
							0
							0
		<b>INSULATION</b>				0	
7200		Retail - Building Insulation	1,950	Alcal		0	
			0			0	
Total Insulation			1,950			0	
							1,950
							(1,950)
		<b>ROOFING &amp; WATERPROOFING</b>				0	
07540.000		Garage & Retail - Roof flashing at new roof top exhaust	74,824	Progressive Roofing		0	
07540.000		Garage & Retail - Metal Wall Panels	96,766	Kovach		0	
			0			0	
Total Roofing & Waterproofing			171,590			0	
							171,590
							(171,590)
		<b>FIRESTOPPING</b>				0	
07840.000		Garage & Retail - Firestopping - Fire Resistive Joint Syst	0		w/ MEP	0	
			0			0	
Total Firesafing			0			0	
							0
							0
		<b>SHEET METAL &amp; METAL ROOFING</b>				0	
			0			0	
Total Sheet Metal & Metal Roofing			0			0	
							0
							0



PIMA COUNTY DOWNTOWN COURTS COMPLEX -  
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Updated: 2/11/14 10:57 AM



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			"A" BID AMOUNT				
		<b>JOINT SEALANTS</b>				0	
	7900	Garage & Retail - Joint Sealants & Concrete Sealer	212,706	Charles Court - includes sealants, traffic coating, exp. Jt.			
	7900	Site - Joint Sealants	5,688	Charles Court - includes sealants			
			0			0	
		Total Joint Sealants	218,394			0	
							218,394
							(218,394)
		<b>TOTAL WATERPROOFING</b>	<b>391,934</b>		<b>Total Scope Requirements (A+B)</b>	<b>391,934</b>	
<b>8 DOORS &amp; WINDOWS</b>							
		<b>DOORS, FRAMES and HARDWARE</b>				0	
	08000.368	Garage & Retail - Doors, Frames & Hardware	35,725	Kelley Bros.		0	
			0			0	
		Total Doors , Frames & Hardware	35,725			0	
							35,725
							(35,725)
		<b>OVERHEAD DOORS</b>				0	
	83483	Garage - Overhead curtain doors	17,970	Cookson Doors		0	
			0			0	
		Total Overhead Doors	17,970			0	
							17,970
							(17,970)
		<b>FIRE DOORS / WON DOORS</b>				0	
			0			0	
		Total Fire Doors / WON Doors	0			0	
							0
							0

PIMA COUNTY DOWNTOWN COURTS COMPLEX -  
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			"A" BID AMOUNT				
		<b>GLASS &amp; GLAZING</b>				0	
	08000.186	Garage & Retail - Glass & glazing	351,870	Border Glass - includes storefront, vertical fins		0	
			0			0	
		Total Glass & Glazing	351,870			0	
							351,870
							(351,870)
		<b>TOTAL DOORS &amp; WINDOWS</b>	<b>405,565</b>		<b>Total Scope Requirements (A+B)</b>	<b>405,565</b>	
<b>9 FINISHES</b>							
		<b>E.I.F.S., DRYWALL, METAL STUDS, SCAFFOLDING</b>				0	
	9250	Garage & Retail - Framing, Drywall & Painting	172,405	Pete King		0	
	9251	Site - Painting	0	Pete King		0	
			0			0	
		Total EIFS, Drywall, Metal Studs & Scaffolding	172,405			0	
							172,405
							(172,405)
		<b>CERAMIC TILE</b>				0	
			0			0	
		Total Ceramic Tile	0			0	
							0
							0
		<b>TERRAZZO</b>				0	
			0			0	
		Total Terrazzo	0			0	
							0
							0

PIMA COUNTY DOWNTOWN COURTS COMPLEX -  
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GMP Detail Sheet

Updated: 2/11/14 10:57 AM



DIV	SECT.	DESCRIPTION	100% DD - GMP SET	SUBCONTRACTOR	ITEMS NOT BID AND ADJUSTMENTS	GMP SET "B" AMOUNT	
			"A" BID AMOUNT				
		<b>ACOUSTIC CEILINGS</b>				0	
	9500	Retail - Acoustical Ceilings	3,640	Babby-Henkel		0	
			0			0	
		Total Acoustic Ceilings	3,640			0	
							3,640
							(3,640)
		<b>FLOORING</b>				0	
	09650.035	Retail - Flooring	5,856	Wholesale Floors / Conway Tile		0	
			0				
		Total Flooring	5,856			0	
							5,856
							(5,856)
		<b>PAINTING</b>				0	
	09900.000	Garage & Retail - Painting	0	w/ Pete King		0	
			0			0	
		Total Painting	0			0	
							0
							0
		<b>TOTAL FINISHES</b>	<b>181,901</b>		<b>Total Scope Requirements (A+B)</b>	<b>181,901</b>	
<b>10 SPECIALTIES</b>							
		<b>TOILET PARTITIONS and ACCESSORIES</b>				0	
	10800.000	Retail - Roof accessories, bike locker, toilet accessories and fire specialties	20,066	IISI		0	
			0			0	
		Total Toilet Partitions & Accessories	20,066			0	
							20,066
							(20,066)

PIMA COUNTY DOWNTOWN COURTS COMPLEX -  
PARKING GARAGE, RETAIL & SITEWORK  
GMP Detail Sheet

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DIV	SECT.	DESCRIPTION	100% DD - GMP SET "A" BID AMOUNT	SUBCONTRACTOR	ITEMS NOT BID AND ADJUSTMENTS	GMP SET "B" AMOUNT	
		<b><u>SPECIALTIES</u></b>				0	
	10400	Retail & Garage - Signage	69,611	Effective Signs - includes signage & flagpole		0	
			0		Retail Bldg. & Garage nos. ALLOWANCE	2,500	
		Total Specialties	69,611			2,500	
							72,111
							(72,111)
		<b>TOTAL SPECIALTIES</b>	<b>89,677</b>		<b>Total Scope Requirements (A+B)</b>	<b>92,177</b>	
<b>11 EQUIPMENT</b>							
		<b><u>EQUIPMENT</u></b>				0	
		Garage - Parking revenue system	234,344	DH Pace		0	
			0			0	
		Total Equipment	234,344			0	
							234,344
							(234,344)
		<b>TOTAL EQUIPMENT</b>	<b>234,344</b>		<b>Total Scope Requirements (A+B)</b>	<b>234,344</b>	
<b>12 FURNISHINGS</b>							
		<b><u>FURNISHINGS</u></b>				0	
		Roller Window Shades	2,850	Progressive Commercial Interiors		0	
			0			0	
		Total Equipment	2,850			0	
							2,850
							(2,850)
		<b>TOTAL FURNISHINGS</b>	<b>2,850</b>		<b>Total Scope Requirements (A+B)</b>	<b>2,850</b>	

**PIMA COUNTY DOWNTOWN COURTS COMPLEX -  
PARKING GARAGE, RETAIL & SITEWORK**  
GMP Detail Sheet

Updated: 2/11/14 10:57 AM



DIV	SECT.	DESCRIPTION	100% DD - GMP SET "A" BID AMOUNT	SUBCONTRACTOR	ITEMS NOT BID AND ADJUSTMENTS	GMP SET "B" AMOUNT	
13 SPECIAL CONSTRUCTION							
		SPECIAL CONSTRUCTION				0	
			0			0	
Total Special Construction			0			0	
						0	
						0	
TOTAL SPECIAL CONSTRUCTION			0	Total Scope Requirements (A+B)		0	
14 CONVEYING SYSTEMS							
		ELEVATORS				0	
14210.010		Garage - Elevators 1, 2 & 3	580,150	Otis Elevator		0	
			0			0	
Total Elevators			580,150			0	
						580,150	
						(580,150)	
TOTAL CONVEYING SYSTEMS			580,150	Total Scope Requirements (A+B)		580,150	
15 MECHANICAL							
		FIRE SPRINKLERS				0	
15300.000		Garage & Retail - Fire Sprinklers	89,618	Western States Fire		0	
			0			0	
Total Fire Sprinklers			89,618			0	
						89,618	
						(89,618)	

**PIMA COUNTY DOWNTOWN COURTS COMPLEX -  
PARKING GARAGE, RETAIL & SITEWORK**  
GMP Detail Sheet

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DIV	SECT.	DESCRIPTION	100% DD - GMP SET	SUBCONTRACTOR	ITEMS NOT BID AND ADJUSTMENTS	GMP SET "B" AMOUNT	
			"A" BID AMOUNT				
		<b>PLUMBING</b>				0	
	15100	Garage & Retail - Plumbing	147,684	Advantage Mechanical		0	
	15100	Site - Plumbing	5,000	Advantage Mechanical		0	
			0			0	
		Total Plumbing	152,684			0	
							152,684
							(152,684)
		<b>H.V.A.C.</b>				0	
	15700	Garage & Retail - HVAC	263,784	Sun Mechanical		0	
		DEL #16-06 Eliminate CHW & HHW supply and return lines from the east side of the garage to the east end of the retail space.				0	
			(30,114)	Sun Mechanical			
		Total HVAC	233,670			0	
							233,670
							(233,670)
		<b>TOTAL MECHANICAL</b>	<b>475,972</b>		<b>Total Scope Requirements (A+B)</b>	<b>475,972</b>	
<b>16 ELECTRICAL</b>							
		<b>ELECTRICAL</b>				0	
	16100	Garage & Retail - Electrical	864,480	Wilson Electric		0	
	16100	Site - Electrical	191,007	Cascade Electric		0	
			0			0	
		Total Electrical	1,055,487			0	
							1,055,487
							(1,055,487)
		<b>TOTAL ELECTRICAL</b>	<b>1,055,487</b>		<b>Total Scope Requirements (A+B)</b>	<b>1,055,487</b>	

# Downtown Courts Complex

Page 1 of 6

Activity ID	Activity Name	Original Duration	Remaining Duration	Actual Duration	Start	Finish	Total Float
<b>Downtown Courts Complex</b>		462	314	197	27-May-13	30-Apr-15	0
<b>Construction</b>		404	256	153	24-Jun-13 A	06-Feb-15	58
<b>Phase II-Tenant Improvement</b>		339	191	197	27-May-13	31-Oct-14	123
<b>Garage / Retail/Sitework</b>		359	314	55	11-Nov-13 A	30-Apr-15	0
G31200	Garage Complete	0	0	0		02-Apr-15	20
<b>Garage Procurement</b>		180	135	55	11-Nov-13 A	13-Aug-14	99
<b>Garage Contract Documents</b>		90	45	55	11-Nov-13 A	07-Apr-14	16
112380	50% Construction Documents	44	10	55	11-Nov-13 A	14-Feb-14	16
112490	90% Construction Documents	20	20	0	18-Feb-14	17-Mar-14	16
112510	100% Construction Documents	15	15	0	18-Mar-14	07-Apr-14	16
<b>Garage GMP Process</b>		63	60	6	24-Jan-14 A	28-Apr-14	16
113370	Re-Assemble GMP	7	4	6	24-Jan-14 A	06-Feb-14	0
113380	Meet and Review with Reid	1	1	0	07-Feb-14	07-Feb-14	0
113400	Make Changes if Required before Board submittal	1	1	0	10-Feb-14	10-Feb-14	0
112480	Vet Design Documents to Insure conformance to DEL	10	10	0	18-Mar-14	31-Mar-14	21
112390	Price CD Drawings/PCFM Approval on Complete Buyout	15	15	0	08-Apr-14	28-Apr-14	16
<b>Garage Prime Contract and Approvals</b>		6	6	0	11-Feb-14	19-Feb-14	31
113130	Submit for Board Agenda	1	1	0	11-Feb-14	11-Feb-14	0
111680	Board Approve GMP	4	4	0	12-Feb-14	18-Feb-14	0
111690	Approve Precast Contractor	1	1	0	19-Feb-14	19-Feb-14	31
112630	Approve Exc/Shoring/Foundation/Elevator Subs/All Trades	1	1	0	19-Feb-14	19-Feb-14	0
<b>Garage Permit Process</b>		31	31	0	03-Feb-14	18-Mar-14	22
111790	Submit/Issue Garage Foundation Permit	15	15	0	03-Feb-14	24-Feb-14	38
112620	Excavation/Shoring/Foundation Permit	20	20	0	19-Feb-14	18-Mar-14	22
<b>Garage Precast Procurement</b>		124	124	0	19-Feb-14	13-Aug-14	16
110630	Contract with Precast Contractor	4	4	0	19-Feb-14	24-Feb-14	31
110210	Develop Shop Drawings	25	25	0	25-Feb-14	31-Mar-14	31
113170	Sundt Review Shop Drawings	5	5	0	01-Apr-14	07-Apr-14	31
111720	Shop Drawing Review and Resubmit for Final Review	10	10	0	29-Apr-14	12-May-14	16
110730	Fab and Deliver Precast Concrete	65	65	0	13-May-14	13-Aug-14	16






Start Date: 06-Dec-11  
Finish Date: 30-Apr-15  
Data Date: 03-Feb-14

Report Date: 06-Feb-14

TASK filters: In Progress, Not Started.

## Downtown Court Complex

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-  Actual Work
-  Remaining Work
-  Primary Baseline
-  Critical Remaining Work
-  Remaining Level of Effort

# Downtown Courts Complex

Page 2 of 6

Activity ID	Activity Name	Original Duration	Remaining Duration	Actual Duration	Start	Finish	Total Float	
<b>Garage Earthwork</b>		<b>21</b>	<b>21</b>	<b>0</b>	<b>19-Feb-14</b>	<b>19-Mar-14</b>	<b>0</b>	
G31310	Contract with Earthwork Sub	1	1	0	19-Feb-14	19-Feb-14	0	
G31320	Shoring Shop Drawings	10	10	0	20-Feb-14	05-Mar-14	0	
G31330	Approve Deferred Submittal	5	5	0	06-Mar-14	12-Mar-14	0	
G31340	Fabricate and Deliver Shores	5	5	0	13-Mar-14	19-Mar-14	0	
<b>Garage CIP Concrete Procurement</b>		<b>30</b>	<b>30</b>	<b>0</b>	<b>20-Feb-14</b>	<b>02-Apr-14</b>	<b>46</b>	
111670	Contract with CIP Concrete subcontractor	5	5	0	20-Feb-14	26-Feb-14	35	
112310	Rebar shop drawings and Product Literature	10	10	0	27-Feb-14	12-Mar-14	46	
112320	Approve Rebar and Product Literature	10	10	0	13-Mar-14	26-Mar-14	46	
112440	Fabricate Rebar	5	5	0	27-Mar-14	02-Apr-14	46	
<b>Garage-Elevators</b>		<b>120</b>	<b>120</b>	<b>0</b>	<b>20-Feb-14</b>	<b>08-Aug-14</b>	<b>69</b>	
111830	Contract with Elevator Contractor	10	10	0	20-Feb-14	05-Mar-14	30	
112230	Procure Shop Drawings	30	30	0	06-Mar-14	16-Apr-14	69	
112400	Procure Elevator Pit Drawings	15	15	0	06-Mar-14	26-Mar-14	41	
112410	Approve Pit Drawings	10	10	0	27-Mar-14	09-Apr-14	41	
111910	Sundt Review Shop Drawings	5	5	0	17-Apr-14	23-Apr-14	69	
111870	Architect Review/Correct Shop Drawings	15	15	0	24-Apr-14	14-May-14	69	
112250	Fabricate Elevators	60	60	0	15-May-14	08-Aug-14	69	
<b>Garage Masonry</b>		<b>35</b>	<b>35</b>	<b>0</b>	<b>06-Mar-14</b>	<b>23-Apr-14</b>	<b>143</b>	
112290	Contract with Masonry Contractor	5	5	0	06-Mar-14	12-Mar-14	143	
112300	Rebar and Product Literature Submittals	10	10	0	13-Mar-14	26-Mar-14	143	
112430	Review submittals	10	10	0	27-Mar-14	09-Apr-14	143	
112420	Fabricate and Deliver Block	10	10	0	10-Apr-14	23-Apr-14	143	
<b>Garage-Plumbing</b>		<b>35</b>	<b>35</b>	<b>0</b>	<b>25-Feb-14</b>	<b>14-Apr-14</b>	<b>166</b>	
111330	Contract with Plumbing	5	5	0	25-Feb-14	03-Mar-14	32	
111340	Procure Pipe/Fixtures	30	30	0	04-Mar-14	14-Apr-14	166	
<b>Garage-Electrical/Fire Alarm</b>		<b>85</b>	<b>85</b>	<b>0</b>	<b>04-Mar-14</b>	<b>01-Jul-14</b>	<b>116</b>	
111730	Contract with Electrical	5	5	0	04-Mar-14	10-Mar-14	109	
111740	Procure Conduit and Wire	10	10	0	11-Mar-14	24-Mar-14	186	
111750	Procure Fire Alarm	35	35	0	11-Mar-14	28-Apr-14	154	
111760	Procure Gear	80	80	0	11-Mar-14	01-Jul-14	109	






Start Date: 06-Dec-11  
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## Downtown Court Complex

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-  Actual Work
-  Remaining Work
-  Primary Baseline
-  Critical Remaining Work
-  Remaining Level of Effort



# Downtown Courts Complex

Page 3 of 6

Activity ID	Activity Name	Original Duration	Remaining Duration	Actual Duration	Start	Finish	Total Float
<b>Garage Fire Sprinkler Procurement</b>		<b>50</b>	<b>50</b>	<b>0</b>	<b>04-Mar-14</b>	<b>12-May-14</b>	<b>149</b>
111350	Procure Fire Sprinklers	50	50	0	04-Mar-14	12-May-14	149
<b>Garage Stairs and Misc Metals</b>		<b>75</b>	<b>75</b>	<b>0</b>	<b>19-Feb-14</b>	<b>04-Jun-14</b>	<b>117</b>
110760	Contract with Steel Contractor	5	5	0	19-Feb-14	25-Feb-14	117
110800	Submit Stairs and Misc Steel Shop Drawings	15	15	0	26-Feb-14	18-Mar-14	117
110770	Review Stairs and Misc Steel Shop Drawings	15	15	0	19-Mar-14	08-Apr-14	117
110900	Fab and Deliver Stairs and Misc Structural Steel	40	40	0	09-Apr-14	04-Jun-14	117
<b>Garage Mechanical</b>		<b>95</b>	<b>95</b>	<b>0</b>	<b>26-Feb-14</b>	<b>10-Jul-14</b>	<b>123</b>
112240	Contract with Mechanical Contractor	5	5	0	26-Feb-14	04-Mar-14	123
112260	Equipment and Product Literature Submittals	20	20	0	05-Mar-14	01-Apr-14	123
112280	Review submittals	10	10	0	02-Apr-14	15-Apr-14	123
112270	Fabricate Equipment	60	60	0	16-Apr-14	10-Jul-14	123
<b>Garage Construction</b>		<b>297</b>	<b>297</b>	<b>0</b>	<b>27-Feb-14</b>	<b>30-Apr-15</b>	<b>0</b>
<b>Garage/Retail/Sitework Pull Plan Sessions</b>		<b>1</b>	<b>1</b>	<b>0</b>	<b>06-Mar-14</b>	<b>06-Mar-14</b>	<b>30</b>
14190	Sitework	1	1	0	06-Mar-14	06-Mar-14	30
14660	Foundations, U/G Utilities & Precast	1	1	0	06-Mar-14	06-Mar-14	30
<b>Garage Pre-Installation Meetings</b>		<b>24</b>	<b>24</b>	<b>0</b>	<b>27-Feb-14</b>	<b>01-Apr-14</b>	<b>76</b>
14590	Earthwork Subcontractor	1	1	0	27-Feb-14	27-Feb-14	35
14700	Concrete Subcontractor	1	1	0	01-Apr-14	01-Apr-14	76
<b>Garage Structure</b>		<b>180</b>	<b>180</b>	<b>0</b>	<b>19-Mar-14</b>	<b>02-Dec-14</b>	<b>40</b>
G11110	Excavation including OverEx/Recompact	40	40	0	20-Mar-14	14-May-14	21
G11140	Install Plumbing Underground	10	10	0	21-Jul-14	01-Aug-14	99
G11150	Install Electrical Underground	5	5	0	24-Jul-14	30-Jul-14	101
G11197	Complete Foundations at Retail Area	10	10	0	20-Aug-14	03-Sep-14	2
G11190	Erect Precast	35	35	0	08-Sep-14	24-Oct-14	0
G11320	Elevator Steel	10	10	0	13-Oct-14	24-Oct-14	27
G11160	Slab on Grade - Level 1	10	10	0	27-Oct-14	07-Nov-14	40
G11330	Canopy Steel	15	15	0	27-Oct-14	14-Nov-14	50
G11210	Garage Topping	24	24	0	27-Oct-14	01-Dec-14	0
G11200	Erect Retail Steel Roof	10	10	0	03-Nov-14	14-Nov-14	9
G11340	Install Stairs	15	15	0	10-Nov-14	02-Dec-14	40






Start Date: 06-Dec-11  
Finish Date: 30-Apr-15  
Data Date: 03-Feb-14

Report Date: 06-Feb-14

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## Downtown Court Complex

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 Actual Work  
 Remaining Work  
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 Critical Remaining Work  
 Remaining Level of Effort

# Downtown Courts Complex

Page 4 of 6

Activity ID	Activity Name	Original Duration	Remaining Duration	Actual Duration	Start	Finish	Total Float	
G11240	Roof Retail	10	10	0	17-Nov-14	02-Dec-14	9	Roof
Earthwork		57	57	0	19-Mar-14	06-Jun-14	0	Earthwork
G11260	Mobilize Equipment	3	3	0	19-Mar-14	21-Mar-14	0	Mobilize Eq
G11270	Survey	2	2	0	20-Mar-14	21-Mar-14	0	Survey
G11360	Over-Ex Retail Area (Phase 1)	8	8	0	24-Mar-14	02-Apr-14	0	Over-Ex Re
G11370	Drill and Install Shoring Piles (Phase I)	8	8	0	24-Mar-14	02-Apr-14	0	Drill and Ins
G11380	Excavate to Court stairs and Shore South Portion (Phase II)	10	10	0	03-Apr-14	16-Apr-14	0	Excavate to
G11390	Excavate C-8,9,9.7,10/B.6-9.7,B-10 and A-10	2	2	0	17-Apr-14	18-Apr-14	0	Excavate C
G11400	Excavate and shore Middle Section (Phase III)	10	10	0	17-Apr-14	30-Apr-14	7	Excavate a
G11420	Backfill SW and SE Columns, Pilasters and Walls (Phase IV)	7	7	0	12-May-14	20-May-14	0	Backfill SW
G11430	Excavate and Shore North Section (Phase V)	10	10	0	21-May-14	04-Jun-14	0	Excavate
G11440	Backfill Middle Section (Phase V)	7	7	0	27-May-14	04-Jun-14	0	Backfill M
G11450	Excavate A-2,B-2,C-2, N.Elevator Pit	2	2	0	05-Jun-14	06-Jun-14	0	Excavate
Concrete at SW and SE Corner		15	15	0	21-Apr-14	09-May-14	0	Concrete at
G31350	FRPS footings @ C-8,9,9.7,10/B.6-9.7,B-10 and A-10	5	5	0	21-Apr-14	25-Apr-14	0	FRPS footi
G11410	FRPS Columns, Pilasters and Walls	10	10	0	28-Apr-14	09-May-14	0	FRPS Colu
Concrete Between 1 and 4.5		56	56	0	09-Jun-14	26-Aug-14	7	Concrete B
G11250	Footings from 1 to 4.5-Incl'd'g N. Elev Pit	13	13	0	09-Jun-14	25-Jun-14	0	Footings
G11130	Grade Beams	10	10	0	26-Jun-14	10-Jul-14	0	Grade Be
G11135	Backfill Grade Beams	3	3	0	11-Jul-14	15-Jul-14	0	Backfill G
G11280	F,R,P Tall Walls-From 1 to 4.5 (160 lf)	20	20	0	16-Jul-14	12-Aug-14	0	F,R,P Ta
G11300	Backfill Tall Walls	5	5	0	13-Aug-14	19-Aug-14	0	Backfill
G11350	Lower SOG	5	5	0	20-Aug-14	26-Aug-14	7	Lower S
Concrete Between 5.5 and 10		25	25	0	16-Jul-14	19-Aug-14	3	Concrete B
G11120	Spread Footings from 10 to 5.5 (10 each)	13	13	0	16-Jul-14	01-Aug-14	3	Spread F
G11170	Build Ramp walls 10.5 to 5.5	15	15	0	23-Jul-14	12-Aug-14	3	Build Ra
G11180	Backfill Ramp - 10.5 to 5.5	5	5	0	13-Aug-14	19-Aug-14	3	Backfill
Concrete Between 4.5 and 5.5		12	12	0	20-Aug-14	05-Sep-14	0	Concrete B
G11290	Ftgs between 4.5 and 5.5	5	5	0	20-Aug-14	26-Aug-14	0	Ftgs be
G11310	Ramp walls and backfill	7	7	0	27-Aug-14	05-Sep-14	0	Ramp v
Garage Exterior		39	39	0	03-Nov-14	31-Dec-14	36	Garage Ex






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Finish Date: 30-Apr-15  
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Activity ID	Activity Name	Original Duration	Remaining Duration	Actual Duration	Start	Finish	Total Float	
G21120	Architectural Metal Panels	10	10	0	03-Nov-14	14-Nov-14	65	Arch
G21150	Screening and Sun Shade Fins	20	20	0	02-Dec-14	31-Dec-14	0	Scr
G21160	Storefront	10	10	0	03-Dec-14	16-Dec-14	42	Stor
G21130	Paint Exterior Metals	15	15	0	03-Dec-14	23-Dec-14	40	Par
<b>Garage Interior</b>		<b>134</b>	<b>134</b>	<b>0</b>	<b>11-Aug-14</b>	<b>23-Feb-15</b>	<b>0</b>	<b>23</b>
G31110	Stairs	15	15	0	13-Oct-14	31-Oct-14	65	Stair
G31160	Plumbing Installations	40	40	0	27-Oct-14	23-Dec-14	28	Plun
G31140	Fire Sprinkler Installations (retail and garage basement)	30	30	0	17-Nov-14	02-Jan-15	18	Fire
G31170	Electrical Installations	40	40	0	02-Dec-14	29-Jan-15	4	Ele
G31150	Mechanical Installations (retail)	20	20	0	10-Dec-14	09-Jan-15	18	Me
G31180	Elevator Lobby / Retail Finshes	20	20	0	26-Jan-15	23-Feb-15	0	El
G31190	Striping & Signage	10	10	0	30-Jan-15	12-Feb-15	6	St
<b>Garage Elevators</b>		<b>134</b>	<b>134</b>	<b>0</b>	<b>11-Aug-14</b>	<b>23-Feb-15</b>	<b>0</b>	<b>23</b>
G31270	Deliver Elevators	5	5	0	11-Aug-14	15-Aug-14	69	Deliver
G31220	Build Pit Rails and Cabs	15	15	0	24-Nov-14	16-Dec-14	0	Build
G31230	Install Controllers	10	10	0	17-Dec-14	02-Jan-15	0	Inst
G31240	Set Door Frames	20	20	0	05-Jan-15	30-Jan-15	0	Set
G31250	Finish Elevator and Wiring	10	10	0	02-Feb-15	13-Feb-15	0	Fin
G31260	Adjust and Test Elevator	5	5	0	17-Feb-15	23-Feb-15	0	Ad
<b>Complete Project Sitework</b>		<b>65</b>	<b>65</b>	<b>0</b>	<b>17-Nov-14</b>	<b>23-Feb-15</b>	<b>0</b>	<b>23</b>
14400	Proof Roll Per Soils add #1 & Hardscape / Landscape	1	1	0	17-Nov-14	17-Nov-14	11	Proof
<b>Grossetta Avenue</b>		<b>32</b>	<b>32</b>	<b>0</b>	<b>16-Dec-14</b>	<b>02-Feb-15</b>	<b>14</b>	<b>02-</b>
31220	Remove Power Pole at Toole and Grossetta(pave around)	5	5	0	16-Dec-14	22-Dec-14	8	Rem
31230	Cut Grade in Grossetta	2	2	0	23-Dec-14	26-Dec-14	8	Cut
31250	Curb and Gutter	5	5	0	29-Dec-14	05-Jan-15	8	Curb
31270	Concrete Pavement at Trash Container Area	5	5	0	31-Dec-14	07-Jan-15	17	Con
31240	Sidewalks at Grossetta	5	5	0	06-Jan-15	12-Jan-15	8	Sid
31260	AC Pavement at Grossetta	5	5	0	13-Jan-15	19-Jan-15	14	AC
31280	Striping and Signage at Grossetta	3	3	0	20-Jan-15	22-Jan-15	21	Str
31310	Landscape Grossetta	10	10	0	20-Jan-15	02-Feb-15	14	Lan
<b>SW Plaza and West Side of Tower</b>		<b>46</b>	<b>46</b>	<b>0</b>	<b>16-Dec-14</b>	<b>23-Feb-15</b>	<b>0</b>	<b>23</b>






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## Downtown Court Complex

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# Downtown Courts Complex

Page 6 of 6






Activity ID	Activity Name	Original Duration	Remaining Duration	Actual Duration	Start	Finish	Total Float
31290	Hardscape	30	30	0	16-Dec-14	29-Jan-15	0
31320	Landscape	10	10	0	09-Feb-15	23-Feb-15	0
Area North of Tower Incl'g Pocket Park		40	40	0	18-Nov-14	19-Jan-15	24
31330	Relocate Overhead Power at Toole Underground	15	15	0	18-Nov-14	10-Dec-14	11
31340	Move Trailers off Site and Relocate Sundt-Subs to 6th Floor	5	5	0	18-Nov-14	24-Nov-14	11
31360	Install Gabions/Mow Strips/Sculpture Foundations	15	15	0	25-Nov-14	17-Dec-14	24
31350	Sidewalk and Planters along Toole	10	10	0	18-Dec-14	05-Jan-15	24
31300	Concrete Architectural Sidewalk up against the Tower	10	10	0	06-Jan-15	19-Jan-15	8
31370	Landscape North Side of Tower	10	10	0	06-Jan-15	19-Jan-15	24
Garage/Retail/Sitework Closeout		48	48	0	24-Feb-15	30-Apr-15	0
G31210	Punch Garage, Sitework and Retail	15	15	0	24-Feb-15	16-Mar-15	0
G31280	Weather Delays	12	12	0	17-Mar-15	01-Apr-15	0
G31290	Project Substantial Completion Certificate/C of O	1	1	0	02-Apr-15	02-Apr-15	0
G31300	Final Completion	20	20	0	03-Apr-15	30-Apr-15	0

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**PIMA COUNTY DOWNTOWN COURTS COMPLEX  
- PARKING GARAGE, RETAIL & SITEWORK**



**City of Tucson Small Business Enterprise (SBE) Report**

GMP AMOUNT \$ 14,685,472

February 11, 2014

CSI DIV	DESCRIPTION	CoT-SBE CONTRACTOR	BUDGET AMOUNT	PERCENT OF GMP TOTAL	COMMENTS
1	Division 1 (General Requirements)				
	Janitor Service	Tracy's Dynamic Cleaning, Inc.	900	0.006%	
	Chemical Toilets	Diggins & Sons Power Sweeping, Inc.	1,500	0.010%	
	Dumpsters	Diggins & Sons Power Sweeping, Inc.	6,750	0.046%	
	Temporary Fence	Security Fence of Arizona	5,524	0.038%	
	Final Cleaning	Tracy's Dynamic Cleaning, Inc.	7,500	0.051%	
	Final Cleaning - Glass	Tracy's Dynamic Cleaning, Inc.	2,000	0.014%	
	Dust Control	Diggins & Sons Power Sweeping, Inc.	0	0.000%	
	Street Sweeping	Diggins & Sons Power Sweeping, Inc.	0	0.000%	
	Trackout Requirements	Diggins & Sons Power Sweeping, Inc.	0	0.000%	
2	Sitework		0	0.000%	
	Construction Survey	Darling Geomatics	34,195	0.233%	
	Fencing	Biff Baker Fence	11,181	0.076%	
3	Concrete		0	0.000%	
	Site Concrete	Sahara Development	254,274	1.731%	
4	Masonry		0	0.000%	
	Building Masonry	Tellez Masonry	5,000	0.034%	
5	Metals		0	0.000%	
	Misc. Steel Fabrication		0	0.000%	
6	Wood & Plastics		0	0.000%	
7	Waterproofing		0	0.000%	
8	Doors & Windows		0	0.000%	
9	Finishes		0	0.000%	
10	Specialties		0	0.000%	
11	Equipment		0	0.000%	
12	Furnishings		0	0.000%	
13	Special Construction		0	0.000%	
14	Conveying Systems		0	0.000%	
15	Mechanical		0	0.000%	
	Plumbing	Advantage Mechanical	152,684	1.040%	
16	Electrical		0	0.000%	
	Site Electrical	Cascade Electric	191,007	0.000%	
<b>TOTAL PIMA COUNTY SBE</b>			<b>\$ 672,516</b>	<b>4.579%</b>	

# PIMA COUNTY DOWNTOWN COURTS COMPLEX - PARKING GARAGE, RETAIL & SITEWORK

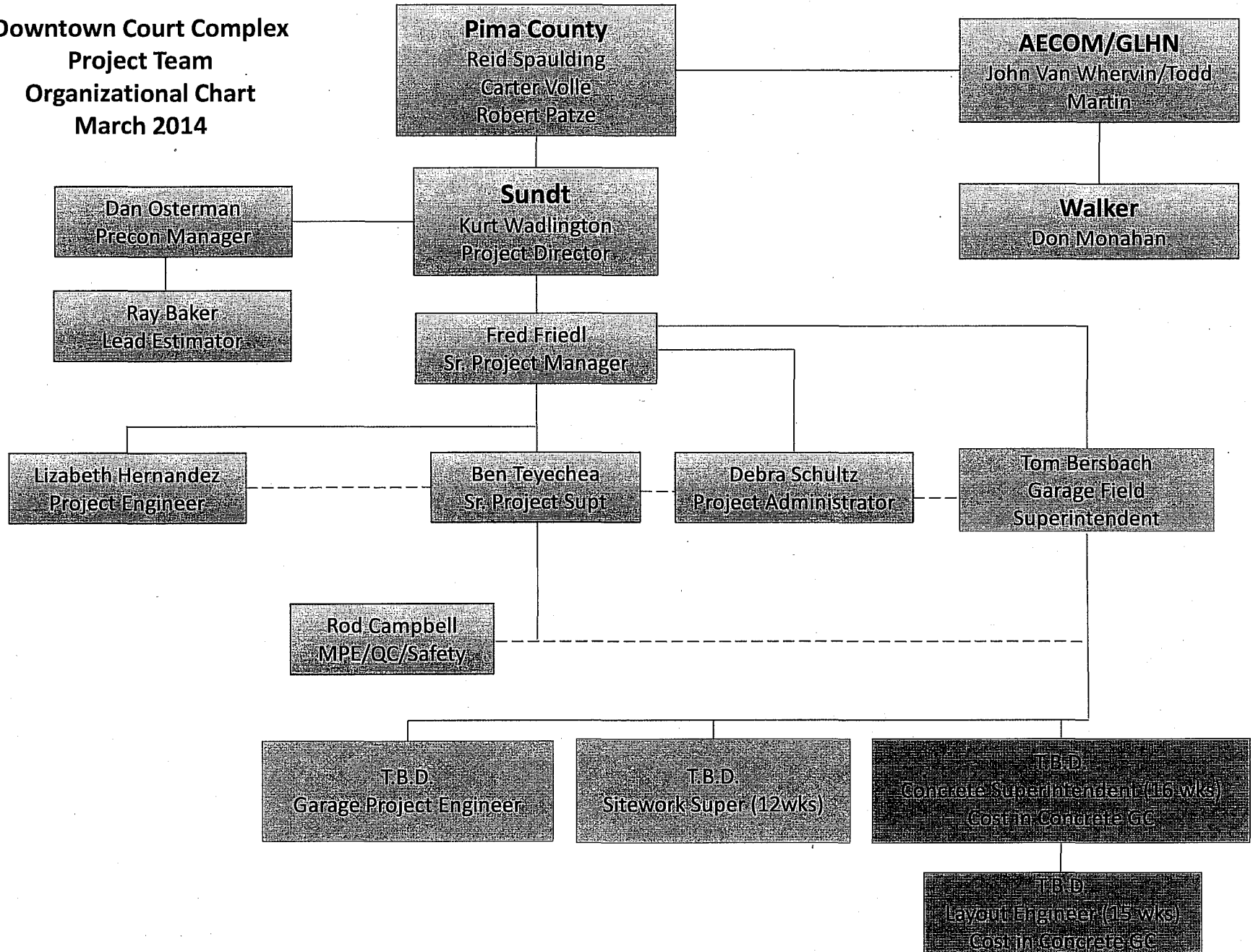


Pima County Based Contractors

GMP AMOUNT \$ 14,685,472 February 11, 2014

CSI DIV	DESCRIPTION	PIMA COUNTY BASED SUBCONTRACTORS	BUDGET AMOUNT	PERCENT OF GMP TOTAL	COMMENTS
1	Division 1 (General Requirements)	Sundt Construction	123,480	0.84%	
	Janitor Service	Tracy's Dynamic Cleaning, Inc.	900	0.01%	
	Chemical Toilets	Ajax Barricade	1,500	0.01%	
	Dumpsters	Ajax Barricade	6,750	0.05%	
	Temporary Fence	Security Fence of Arizona	5,524	0.04%	
	Final Cleaning	Tracy's Dynamic Cleaning, Inc.	7,500	0.05%	
	Final Cleaning - Glass	Tracy's Dynamic Cleaning, Inc.	2,000	0.01%	
	Dust Control	Diggins & Sons Power Sweeping, Inc.	0	0.00%	
	Street Sweeping	Diggins & Sons Power Sweeping, Inc.	0	0.00%	
	Trackout Requirements	Diggins & Sons Power Sweeping, Inc.	0	0.00%	
2	Sitework		0	0.00%	
	Surveying	Darling Geomatics	34,195	0.23%	
	Termite Control	SOS Exterminating	3,000	0.02%	
	Landscape	The Groundskeeper	231,358	1.58%	
	Traffic Striping	Arrow Striping	16,014	0.11%	
	Fencing	Biff Baker Fence	11,181	0.08%	
3	Concrete		0	0.00%	
	Site Concrete	Sahara Development	254,274	1.73%	
	Building Concrete	Sundt Construction	2,363,696	16.10%	
4	Masonry		0	0.00%	
	Building Masonry	Tellez Masonry	5,000	0.03%	
5	Metals		0	0.00%	
	Misc. Steel Fabrication	Cutting Edge	703,607	4.79%	
6	Wood & Plastics		0	0.00%	
	Rough Carpentry	Sundt Construction	8,980	0.06%	
7	Roofing	Progressive Roofing	74,824	0.51%	
	Joint Sealants, Exp. Joints, Misc.	Charles Court	218,394	1.49%	
8	Doors & Windows		0	0.00%	
	Doors, Frames & Hardware	Kelley Bros.	35,725	0.24%	
	Glass & Glazing		0	0.00%	
9	Finishes		0	0.00%	
	Retail - Acoustical Ceilings	Babby-Henkel	3,640	0.02%	
10	Specialties		0	0.00%	
	Traffic Signage	Effective Signs	69,611	0.47%	
11	Equipment		0	0.00%	
	Parking Equipment	DH Pace	234,344	1.60%	
12	Furnishings		0	0.00%	
13	Special Construction		0	0.00%	
14	Conveying Systems		0	0.00%	
15	Mechanical		0	0.00%	
	Plumbing	Advantage Mechanical	152,684	1.04%	
	HVAC	Sun Mechanical	263,784	1.80%	
16	Electrical		0	0.00%	
	Electrical	Wilson Electric	864,480	5.89%	
		Cascade Electric	191,007	1.30%	
	Indirect Costs			0.00%	
	General Conditions	Sundt Construction	740,005	5.04%	
	Insurances	Lovitte-Touche	277,403	1.89%	
	Bond	Lovitte-Touche	128,926	0.88%	
	Contractor's Contingency	Sundt Construction	252,758	1.72%	
	Contractors Fee	Sundt Construction	610,668	4.16%	
TOTAL PIMA COUNTY BASED FIRMS			\$ 7,897,212	53.78%	

**Downtown Court Complex  
Project Team  
Organizational Chart  
March 2014**



# PIMA COUNTY DOWNTOWN COURTS COMPLEX - PARKING GARAGE, RETAIL & SITEWORK

## Design Evolution Log



DATE: 11-Feb-14

Program S.F.	243,019
6/25/13 Estimate S.F.	0
Current S.F.	243,019
Delta	0

GMP 2/7/2014	14,703,329
ACCEPTED CHANGES:	(17,857)
CURRENT BUDGET:	14,685,472
TARGET BUDGET:	0
BUDGET STATUS:	14,685,472
REMAINING POTENTIAL:	(7,978)
REJECTED:	0

Excludes "Indirects" --->  
Excludes "Indirects" --->

	11/26/2013 100% DD GMP	2/7/2014 100% DD GMP	VARIANCE	ACCEPTED CHANGES	CURRENT BUDGET	TOTAL CHANGE	% CHANGE
01 Division 1 (General Requirements)	117,458	163,604	46,146	0	163,604	46,146	39.29%
02 SITEWORK	2,271,010	1,976,112	(294,898)	15,000	1,991,112	(279,898)	-12.32%
03 CONCRETE	5,642,663	5,547,354	(95,309)	(3,000)	5,544,354	(98,309)	-1.74%
04 MASONRY	31,769	5,000	(26,769)	0	5,000	(26,769)	0.00%
05 METALS	786,450	721,680	(64,770)	0	721,680	(64,770)	-8.24%
06 WOOD & PLASTIC	20,138	19,852	(286)	0	19,852	(286)	-1.42%
07 THERMAL & MOISTURE PROTECTION	444,020	391,934	(52,086)	0	391,934	(52,086)	-11.73%
08 DOORS & WINDOWS	571,042	405,565	-165,477	0	405,565	(165,477)	-28.98%
09 FINISHES	214,384	181,901	(32,483)	0	181,901	(32,483)	-15.15%
10 SPECIALTIES	100,387	89,677	(10,710)	2,500	92,177	(8,210)	-8.18%
11 EQUIPMENT	349,941	234,344	(115,597)	0	234,344	(115,597)	-33.03%
12 FURNISHINGS	0	2,850	2,850	0	2,850	2,850	0.00%
13 CONVEYING SYSTEM	614,800	580,150	(34,650)	0	580,150	(34,650)	-5.64%
14 FIRE SPRINKLER	92,692	89,618	(3,074)	0	89,618	(3,074)	0.00%
15 PLUMBING	308,832	152,684	(156,148)	0	152,684	(156,148)	-50.56%
16 MECHANICAL	212,887	263,784	50,897	(30,114)	233,670	20,783	9.76%
17 ELECTRICAL	1,146,397	1,055,487	(90,910)	0	1,055,487	(90,910)	-7.93%
Design/Permitting Completion ALLOWANCE	0	0	0	0	0	0	0.00%
<b>Subtotal</b>	<b>12,924,870</b>	<b>11,881,596</b>	<b>(1,043,274)</b>	<b>(15,614)</b>	<b>11,865,982</b>	<b>(1,058,888)</b>	<b>-8.19%</b>
<b>INDIRECTS:</b>							
General Conditions	770,510	740,005	(30,505)	0	740,005	(30,505)	-3.96%
PL & PD Ins	116,132	107,273	(8,859)	(134)	107,139	(8,993)	-7.74%
Builders Risk Ins	14,156	13,048	(1,108)	(46)	13,002	(1,154)	-8.15%
Subcontractor Default Insurance / Z-25	187,068	169,910	(17,158)	(258)	169,652	(17,416)	-9.31%
G C Bond	139,980	129,082	(10,898)	(188)	128,894	(11,086)	-7.92%
Contractors Contingency	273,908	253,070	(20,838)	(183)	252,887	(21,021)	-7.67%
Sales Tax	817,825	755,704	(62,121)	(519)	755,185	(62,639)	-7.66%
Contractors O.H. & P.	707,636	653,641	(53,995)	(915)	652,726	(54,910)	-7.76%
<b>Subtotal</b>	<b>3,027,214</b>	<b>2,821,733</b>	<b>(205,481)</b>	<b>(2,243)</b>	<b>2,819,490</b>	<b>(207,724)</b>	<b>-6.86%</b>
<b>SOFT COSTS</b>							
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00%</b>
<b>Total</b>	<b>\$ 15,952,084</b>	<b>\$ 14,703,329</b>	<b>(\$1,248,755)</b>	<b>\$ (17,857)</b>	<b>\$ 14,685,472</b>	<b>\$(1,266,613)</b>	<b>-7.94%</b>



# PIMA COUNTY DOWNTOWN COURTS COMPLEX - PARKING GARAGE, RETAIL & SITEWORK



## Design Evaluation Log

February 11, 2014

Date	Sys	Item	Description	Value	Status	BUDGET REVISIONS			Comments
						Accepted	Potential	Rejected	
		<b>02</b>	<b>SITEWORK</b>						
11/26/13		01	Delete CU Structural Fill in Landscape per revised design from Kimley-Horn	Included		Included	0	0	12/16 AECOM to review w/ Kimley-Horn for clarification. 12/18 AECOM - Structural Soil can be eliminated in the Stone Avenue streetscape context, which should save approximately \$14,000 of this cost. I encourage you to leave it in the plaza for the plaza trees. It is not required, but will provide faster growing, larger canopy, longer lived healthier plaza trees. 12/20 PCFM does not require CU structural fill. 1/7 Adjust soil mix, which will reduce credit. 1/14 AECOM - Structural soil will be removed. 1/22 SUNDT incorporated into 1/20/14 design documents. <b>2/7/14 Change Included in revised GMP.</b>
11/26/13		02	Replace Imported Native Materials with Purchased Select Soils	Rejected	R	0	0	Rejected	12/16 Should the design Team interpret the Pattenon-Evanoff soils report that the on-site soils are not suitable for structural fill or backfill.
11/26/13		03	Eliminate Requirement to Overexcavate and Recompect 8 ft. Below Retail Building and Common Areas per the NCS Report.	(33,270)	P	0	(33,270)	0	12/16 PCFM confirmed that the soils are not suitable for structural fill or backfill. 2/7 Sundt to provide backhoe at no charge for additional borings at Retail, Soils Engineer to provide testing.
11/26/13		04	If \$25,000 ALLOWANCE to Remove Dry Cleaner Foundations is Carried by the Owner	Excluded	R	0	0	Excluded	12/16 Move to PCFM budget, remove from GMP. 12/20 PCFM confirmed. 1/22 Sundt to be excluded from revised GMP. <b>2/7/14 By Owner, NOT included in revised GMP.</b>

PIMA COUNTY DOWNTOWN COURTS COMPLEX  
PARKING GARAGE, RETAIL & SITEWORK



Design Evolution Log

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS				Comments
						Accepted	Potential	Rejected		
11/26/13		05	If Off-hours Hauling of Export/Import of Soils Can be Eliminated	Excluded	R	0	0	Excluded		12/16 If Pima County parcel used and outside of a residential area, off-hours hauling will not be required. 12/20 PCFM - Realize savings if hauling hours were limited to 9:00am to 4:00pm? Same site as previous for stockpiling of material. 1/22-SUNDT to include normal hour hauling in the revised GMP. <b>2/7/14 Not required, NOT included in revised GMP.</b>
11/26/13		06	Defer Interior Security Fencing at Storage Rooms	Rejected	R	0	0	Rejected		12/16 Eliminate storage enclosures on Lower Level, 3,4,5 & 6. Storage enclosure on Level 2 to remain as shown. Add a storage enclosure on Ground Level between columns A-1 and B-1. Enclosure should be approximately one-half of that available space. The remaining space should be for the bike lockers which should be relocated from the south end of the garage (Column line B, between columns 9 & 10) to this space on the north end of the garage. The storage enclosures should be simply chain link fence to within 6" of deck above to prevent someone from climbing over the top. Door at Level 2 can be 36" swing gate as shown. Gates (X2) on ground level enclosure should be wide enough to allow passage of a golf cart. <b>12/20 Cannot be accepted, see Item #11 below.</b>
11/26/13		07	Site Furnishings by Owner	Rejected	R	0	0	Rejected		To be purchased by Pima County. 12/20 PCFM - SUNDT SHALL PROVIDE AND INSTALL SITE FURNISHINGS



# PIMA COUNTY DOWNTOWN COURTS COMPLEX PARKING GARAGE - RETAIL & SITEWORK



Design Evolution Log

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS				Comments
						Accepted	Potential	Rejected		
11/26/13		08	Reduce Site Bridge / Boardwalk Structures to One (1)	Included		Included	0	0		12/16 Walker to review and revise subsequent to discussion with Sundt. 12/20 PCFM - Kimley-Horn has revised site drawings, reduced to one site bridge. 1/14 AECOM - please note our drawings still have four "Steel Plan Pedestrian Bridges" but one "Plaza Planter Steel Boardwalk" bridge. The drawings had six total, now they have five. 1/22 SUNDT - Revision included in 1/20/14 design documents. Stone Ave. sidewalk bridges to be priced as Bid Alternate. <b>2/7/14 Change included in revised</b>
12/13/13		09	Slope and Control the West Side of the Garage Excavation in Lieu of Full Shoring (ROM)	Rejected	R	0	0	Rejected		12/16 Walker to review and revise subsequent to discussion with Sundt.
12/13/13		10	Revised hardscape per new Kimley-Horn design	Included		Included	0	0		12/16 AECOM (Sheila) to review with Kimley-Horn. Diagonal sawcuts as shown create several triangular pieces which will be problematic. Please consider maintaining perpendicular grid throughout and modify color/texture pattern as necessary. 12/18 AECOM - Diagonals can be removed, discussion and design ongoing. 12/20 PCFM - Kimley-Horn has revised site drawings to eliminate diagonals. Trees added. 1/22 SUNDT - 1/20/14 revised.
12/20/13		11	Eliminate Storage Enclosures on Levels 3, 4, 5 & 6. Change Remaining Enclosures on Levels 1 & 2 to Standard Chain Link Fence w/ Posts, Gates and Fabric to 6" Below Deck Above.	Included		Included	0	0		12/20 PCFM - GLHN to revise storage per 06 above. 1/3 Cannot be accepted w/ No. 6 above. 1/14 AECOM - Storage enclosure at Lower Level added back. 1/22 SUNDT - 1/20/14 revised design documents reflect revision. <b>2/7/14 Change included in revised GMP.</b>

# PIMA COUNTY DOWNTOWN COURTS COMPLEX PARKING GARAGE, RETAIL & SITEWORK



## Design Evolution Log

February 21, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS			
						Accepted	Potential	Rejected	Comments
12/13/13		12	Locate the bus shelter to be between the two south drives of the garage on Alameda. The standard 6" SunTran slab is to span the entire area between the two drives. We will notify SunTran at the appropriate time and they will remove and store their shelter and set up their temporary stop. At the conclusion of the streetscape work on Alameda, SunTran will place a new shelter on the west end of this slab. They ask that the Garage provide	Included		Included	0	0	12/20 PCFM - Accepted <b>2/7/14 Change included in revised GMP.</b>
12/13/13		13	Include traffic barriers at the north edge of the parking garage to protect the Courts Tower wall at Levels 2-4. (pending design)	Included		Included	0	0	12/16 Don/Olga to make sure either bollards or std. highway crash rail are shown to protect Courts Tower wall at all applicable levels. 12/20 PCFM accepted. 1/22 SUNDT 1/20/14 revised design documents reflect revision. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		14	Stone Ave. work under review. to be determined (Allowance)	15,000	A	15,000	0	0	12/16 GLHN is reviewing required work in Stone Avenue. County is hopeful of a cost effective solution which does not increase the ponding problem which previously existed (Not part of parking garage GMP). 1/14 AECOM GLHN is reviewing required work in Stone Avenue. County is hopeful of a cost effective solution which does not increase the ponding problem which previously existed. <b>2/7 Accept, included in GMP. Sundt allowance does not currently align with the GLHN Civil drawing issued on 2/6/14.</b>



# PIMA COUNTY DOWNTOWN COURTS COMPLEX - PARKING GARAGE, RETAIL & SITEWORK



## Design Evolution Log

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS			Comments
						Accepted	Potential	Rejected	
12/13/13		15	Reconsider rip-rap stones as they are throwable	Included		Included	0	0	12/16 subject to Sheila reviewing with Kimley-Horn. 12/18 AECOM - Will remove rip rap and Express Natural 3" material. Inert Groundcover will be limited to 1" size material and smaller. 12/20 PCFM - Kimley-Horn has revised drawings. 1/22 SUNDT - 1/20/14 revised design documents reflect revision. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		16	Plaza Plans between Civil and L102 do not match	Included		Included	0	0	12/16 Kimley-Horn correcting drawings. 1/22 SUNDT - 1/20/14 revised design documents reflect revision. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		17	Landscaping on east edge of Garage seems excessive. Please reduce (ROM)	Included		Included	0	0	12/16 subject to Sheila reviewing with Kimley-Horn. 12/20 PCFM - Kimley-Horn has revised drawings. 1/22 SUNDT - 1/20/14 revised design documents reflect revision. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		18	Import / Export Soils to County Yard	Included		Included	0	0	12/16 Reid has contacted PG Flood Control about stockpiling material at same site as previously off Silverlake Road. Should have definitive answer shortly. 12/17 County use of the lot approved. Sundt to confirm lot supports required activity. 12/20 PCFM - Accepted, County has received approval to use same site as previous (Silverlake Rd). 1/22 SUNDT - County parcel will be utilized as necessary and savings reflected in the revised GMP. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		19	Delete Shoring at Southwest Corner Against Existing Vault	Included		Included	0	0	12/16 Don M. to review and comment subsequent to speaking with Sundt. 12/20 PCFM - Accepted, Don M. to review and comment. <b>2/7/14 Change included in revised GMP.</b>

# PIMA COUNTY DOWNTOWN COURTS COMPLEX PARKING GARAGE, RETAIL & SITEWORK



## Design Evolution Log

February 13, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS				Comments
						Accepted	Potential	Rejected		
12/13/13		20	At the South Half of the Garage Reduce the Overexcavation from 12 ft. to 8 ft. and Install Geofabric 2 ft. below New Footings	Rejected	R	0	0	Rejected		12/16 Don M. to review and comment subsequent to speaking with Sundt about the use of geo-fabric to minimize amount of overexcavation. 1/16 Team Mtg. - Direction to price excavation to bottom of ftgs., then inspect/test + Allowance to excavate further if necessary. 2/7/14 After further review of earthwork & foundation logistics this is no longer an option.
02/07/14		21	Garage Striping - Specified 2 part epoxy traffic paint in lieu of standard traffic paint in GMP	Rejected	R	0	0	Rejected		
02/07/14		22	Utilize local source (Pioneer) for all decorative rock in lieu of Granite Express (Phoenix).	(8,512)	P	0	(8,512)	0		2/7 Acceptable pending Kimley-Horn approval.
02/07/14		23	Utilize local source (Pioneer) for decorative rock in gabion baskets in lieu of Granite Express (Phoenix)	(4,410)	P	0	(4,410)	0		2/7 Acceptable pending Kimley-Horn approval.
02/07/14		24	Downsize boulders from 3'x4'x3' to 3'x2'x3' and utilize Santa Fe Brown boulder color in lieu of surface select boulders.	(4,459)	P	0	(4,459)	0		2/7 Acceptable pending Kimley-Horn approval.
02/07/14		25	Utilize 3/4" poly lateral lines for irrigation in lieu of PVC drip system and eliminate emitter boxes.	Rejected	R	0	0	Rejected		
02/07/14		26	Utilize site soil in lieu of imported soil for backfill mix of landscape plantings.	Rejected	R	0	0	Rejected		
02/07/14		27	Delete all 6 ft. saguaros from project.	Rejected	R	0	0	Rejected		
02/07/14		28	Per 2/7/14 raise parking garage finish floor elevation 1 ft. - Allowance	Rejected	R	0	0	Rejected		
02/07/14		29	Provide CU structural fill at boxed trees along Stone Ave. and south plaza area, per 1/20/2014 design.	0	P	0	0	0		Pending scope definition and pricing
01/00/00		30	NEW SITEWORK ITEM	0	P	0	0	0		
Subtotal --->						15,000	(50,651)	0		



# EL PASO COUNTY DOWNTOWN COURTS COMPLEX PARKING GARAGE, RETAIL & SITEWORK



Design Evolution Log

February 11, 2014

Date	Sys	Item	Description	Value	Status	BUDGET REVISIONS				Comments
						Accepted	Potential	Rejected		
		<b>03</b>	<b>CONCRETE</b>							
12/13/13		01	Modify the Specified Concrete Topping Design Mix Eliminating the Shrinkage Reduction Admixture	Included		Included	0	0	0	12/16 Don M./Olga to review and comment subsequent to speaking with Sundt 12/20 PCFM - Sundt to respond to Don M. comments dated 12/17 2/7/14 Change Included in revised GMP.
11/26/13		02	Change Elevator Core Roof Structures from 6' Precast Slabs to Metal Deck	Rejected	R	0	0	0	Rejected	12/16 Don M./Olga to review and comment subsequent to speaking with Sundt 12/20 PCFM - Don M./Olga to review and modify dwgs. 1/22 Sundt - 1/20/2014 New Arch. & Struct. Dwgs. Do not reflect this change. 2/7/14 Current precast roof deck design has been included in the revised GMP.
11/26/13		03	Remove Requirement for Stainless Steel Double Tee Flange Connections, C4/S410	Included		Included	0	0	0	12/16 Don M. to review and comment 12/20 PCFM - Don M. comment dated 12/17 - epoxy painted. 1/22 SUNDT - To be reflected in revised GMP. 2/7/14 Change included in revised GMP.
11/26/13		04	Remove Requirement for Double Tee Stem Blockouts (2 ea. Per Stem), A6/S410	Included		Included	0	0	0	12/16 Don M. to review and comment 2/7/14 Change included in revised GMP.
11/26/13		05	Delete Galvanizing on All Exposed Steel Connection Assemblies	Included		Included	0	0	0	12/16 Don M. to review and comment 12/20 PCFM - Accepted, Don M. comment dated 12/17 - epoxy painting. 1/22 SUNDT - To be reflected in revised GMP. 2/7/14 Change included in revised GMP.
12/13/13		06	Substitute Architectural Masonry for Architectural Precast Concrete at the Retail Building to Match the Courts Tower	Rejected	R	0	0	0	Rejected	12/16 PCFM
12/13/13		07	Relocate the Lower Level Program to Level 1 Eliminating the Lower Level Construction Requirements	Rejected	R	0	0	0	Rejected	12/13 This option would require a redesign to address parking access.



# PIMA COUNTY DOWNTOWN COURTS COMPLEX PARKING GARAGE RETAIL & SITEWORK



## Design Evolution Log

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS				Comments
						Accepted	Potential	Rejected		
12/13/13		08	Precast Concrete - Change Framing Detail at Ell Beams, at Grids 9 (West) and 4 & 9 (East) to Allow Spandrel Panels to be Column Supported	Included		Included	0	0	0	12/16 Don M./Olga to review and comment 12/18 AECOM issued revised elevations for PCFM review. 12/20 PCFM - Accepted, Olga has provided a revised dwg which was appvd by County. 1/22 SUNDT - To be reflected in revised GMP. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		09	Precast Concrete - Allow Double Tee to Bear or be Supported by the Basement Retaining Walls (Continuous Ledger or Pocket)	Included		Included	0	0	0	12/16 Don M./Olga to review and comment 12/20 PCFM - Accepted, Don M./Olga to review and comment. 1/22 SUNDT - To be reflected in revised GMP. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		10	Eliminate One (1) Full Level of the Parking Garage (ROM)	Rejected	R	0	0	0	Rejected	12/16 PCFM
12/13/13		11	Eliminate requirements for Class A finish on CIP concrete.	Included		Included	0	0	0	12/16 Confirmed Class B is acceptable. 1/22 SUNDT - To be reflected in revised GMP. <b>2/7/14 Change included in revised GMP.</b>
12/11/13		12	Eliminate the Future PV System from the Structural Design	Included		Included	0	0	0	12/20 PCFM - PV has been eliminated. 12/20 Sundt - panels were not increased in thickness (size) to handle the PV future provisions. credit is for precast elements to support the PV system. 1/22 SUNDT - Some but not all scope was eliminated. <b>2/7/14 Change included in revised GMP.</b>
12/16/13		13	Construct the Elevator Core Fronts of Precast Concrete Wall Panels In lieu of Masonry	Included		Included	0	0	0	12/16 Required per Walker Consulting. 12/20 PCFM - 13 Needs discussion. north elevator - precast for structural reasons. South elevator can be masonry. 1/14 AECOM/Walker - All elevators to be precast concrete. 1/22 SUNDT - 1/20/14 revised design documents reflect revision. <b>2/7/14 Change included in revised GMP.</b>
01/06/14		14	Change foundation concrete design mix to include fly ash and eliminate all entrainment	(3,000)	A	(3,000)	0	0	0	2/7/14 Validate fly ash %, not to exceed 5%.
01/00/00		15	NEW CONCRETE ITEM	0	P	0	0	0	0	
Subtotal -->						(3,000)	0	0	0	



# PIMA COUNTY DOWNTOWN COURTS COMPLEX

## PARKING GARAGE, RETAIL & STEWCH

### Design Evolution Log

February 11, 2014



Date	Sys	Item	Description	Value	Status	BUDGET REVISIONS			
						Accepted	Potential	Rejected	Comments
		<b>04</b>	<b>MASONRY</b>	Value					
12/17/13		01	Per Walker Consulting, north elevator cores to be all precast, south elevator core can be masonry. PCFM required bullnose block corners.	Rejected - See #03-13	R	0	0	Rejected - See #03-13	12/16 Confirm that masonry units utilized at SW elevator core includes use of bullnose block as appropriate. 12/20 See Conc. Item #13 above.
01/00/00		02	NEW MASONRY ITEM	0	P	0	0	0	
			<b>Subtotal ---&gt;</b>			0	0	0	
		<b>05</b>	<b>METALS</b>	Value					
12/13/13		01	Change the Security Mesh Design to Wire Fabric in Single Angle Frame	Rejected	R	0	0	Rejected	12/16 PCFM
12/13/13		02	Eliminate Security Mesh at Stair Towers, above Level 2	Rejected	R	0	0	Rejected	12/16 Shella, for the stairwells, how about security mesh only at the bottom 1 or 2 levels? The County is more concerned about securing the garage after hours and not "jumpers" from the upper deck. Are the building elevations aesthetically compromised by eliminating the mesh on the upper levels of the stairwells? 1/14 AECOM - County agreed to keep the security mesh as designed
12/13/13		03	Change Security Mesh Finish to Exposed Galvanized w/o Painting	Rejected	R	0	0	Rejected	12/16 PCFM
12/13/13		04	Delete the imbed plates for future PV roof installation	Included		Included	0	0	12/16 PCFM 1/22 SUNDT - Some but not all scope was eliminated. 2/7/14 Change included in revised GMP.
12/13/13		05	RFT 052 Guardrail Rod Sizing, Det. E1/A601	Rejected	R	Rejected	0	0	12/16 Don M./Olga to review and comment 1/22 SUNDT - Change not reflected in 1/20 design documents. 2/7/14 Change included in revised GMP.
12/20/13		06	Eliminate or Reduce Elevator Guiderrails Support Steel	Included		Included	0	0	12/16 Don M./Olga to review and comment 1/14 AECOM - Walker to review. 1/22 SUNDT - 1/20 design documents reflect change. 2/7/14 Change included in revised GMP.



**PIMA COUNTY DOWNTOWN COURTS COMPLEX -  
PARKING GARAGE RETAIL & SUEWORK**



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February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS			
						Accepted	Potential	Rejected	Comments
12/31/13		07	In lieu of security mesh at the litewalls on grid line B, use vertical cable rail in these openings that span from a steel beam or hammerhead in the precast panel at the roof level all the way to the ground level at a spacing of 4 inches. Including safety fillers between deck edge and cables where necessary.	Rejected	R	0	0	Rejected	12/31 Walker suggestion.  <b>Alternate Bid</b>
01/00/00		08	NEW METAL ITEM	0	P	0	0	0	
<b>Subtotal ---&gt;</b>						0	0	0	
<b>06 WOOD &amp; PLASTIC</b>				Value					
01/00/00		01	NEW WOOD & PLASTIC ITEM	0	P	0	0	0	
<b>Subtotal ---&gt;</b>						0	0	0	
<b>07 THERMAL &amp; MOISTURE PROTECTION</b>				Value					
11/26/13		01	Eliminate Joint Sealants on Levels 2-6, EXCLUDES Slab On Grade.	Rejected	R	0	0	Rejected	12/16 per Don M.
11/26/13		02	Delete Exterior Waterproofing at Basement Walls and Elevator Pits	Included		Included	0	0	12/16 per Don M. <b>2/7/14 Change included in revised GMP.</b>
11/26/13		03	Eliminate Application of Primer at Precast-to-Precast Joints; mechanically abrade (grinding or shotblasting) the sides of the joint to provide the specified 5-year warranty.	Included		Included	0	0	12/16 Don M. to review and comment 12/20 PCFM - Accepted, see Don M. comment dated 12/17. 1/22 SUNDT - 1/20 design documents reflect change, <b>2/7/14 Change included in revised GMP.</b>
12/13/13		04	Slope retail roof structure and eliminate tapered roof insulation.	0	R	0	0	0	12/16 04 Owner requests minimizing tapered insulation to the fullest extent. Realistically, no changes necessary. <b>12/20 Roof design is currently sloped. Tapered insulation used at crickets only.</b>
12/13/13		05	Changing Products on Expansion Joints - From Seismic Coloresal to MM Systems	Included		Included	0	0	12/16 Don M/Olga to review and comment 1/22 SUNDT - Substitution approved by AECOM. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		06	Change products for joint sealants. (No savings available.)	0	R	0	0	0	12/16 PCFM

**PIMA COUNTY DOWNTOWN COURTS COMPLEX  
PARKING GARAGE RETAIL & SITEWORK**



Design Evolution Log

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS				Comments
						Accepted	Potential	Rejected		
12/13/13		07	Provide white ballasted SBS modified roof at retail space ILO specified fully adhered system, w/ R-9 rigid polyiso insulation along with R-19 face batt insulation applied to the underside of the decking (ROM)	Included		Included	0	0	0	12/16 Don M/Olga - Owner would prefer a white granular SBS modified roof. 1/22 SUNDT - New roof spec issue. To be included in revised GMP
02/07/14		08	Traffic coating - Add second top coat	0	P	0	0	0	0	
12/13/13		09	Reduction in Parapet size per VLF	Rejected	R	0	0	0	Rejected	12/16 PCFM
12/13/13		10	Intumescent fireproofing at steel stairs	Rejected	R	0	0	0	Rejected	12/16 Requires Code investigation - Sheila to contact County CBO for clarification. 12/20 Not required per IBC or Life Safety consultant.
12/13/13		11	Change metal wall panels to 4 mil Composite panel to match sally port ILO specified 2" insulated panels	Rejected	R	0	0	0	Rejected	12/16 PCFM
02/07/14		12	Concrete Sealer - Apply concrete sealer (silane/siloxane) to lower level B100	4,610	P	0	4,610	0		
02/07/14		13	Concrete Sealer - Apply concrete sealer (silane/siloxane) to the 1st level #100	7,787	P	0	7,787	0		
02/07/14		14	Expansion Joints - Instal Emseal horizontal color seal at deck to wall areas and Emseal DSM at deck to deck door entrance areas. Install Emseal DFR2 at fire rated deck to wall joints and WFR2 at fire rated wall to wall areas in lieu of specified expansion joint system.	1,685	P	0	1,685	0		2/7 AECOM to review.
02/07/14		15	Install Emseal 2" seismic color seal in north elevation 4th level to tower.	4,648	P	0	4,648	0		2/7 AECOM to review.
01/00/00		16	NEW THERMAL & MOISTURE ITEM	0	P	0	0	0		
			<b>Subtotal ---&gt;</b>			0	18,730	0		
	<b>08</b>	<b>DOORS &amp; WINDOWS</b>		Value						
11/26/13		01	Relocate Southeast Entrance Creating Queuing Space (ROM)	Rejected	R	0	0	0	Rejected	12/16 PCFM



**PIMA COUNTY DOWNTOWN COURTS COMPLEX  
PARKING GARAGE - METAL & SKIPWORK**



**Design Evolution Log**

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS				Comments
						Accepted	Potential	Rejected		
11/26/13		02	Alternate 3A - Change Vertical Aluminum Fins to 1.875" Wide x 8" Deep	Rejected	R	0	0	Rejected		Cannot be accepted with either Alternate 3 or Alternate 3B. 12/16 Sheila to review with AECOM design staff and make a recommendation. The County would very much like to realize some savings to reduce the cost of this aesthetic expense but will defer to AECOM as to which alternative or new idea. 12/20 PCFM - Rejected, (see 03 below)
11/26/13		03	Alternate 3B - Change Vertical Aluminum Fins to 2" Wide x 6" Deep	Included		Included	0	0		Cannot be accepted with either Alternate 3 or Alternate 3A. 12/16 Sheila to review with AECOM design staff and make a recommendation. The County would very much like to realize some savings to reduce the cost of this aesthetic expense but will defer to AECOM as to which alternative or new idea. PCFM - Accepted, County believes the public perception between options 02 and 03 are negligible. 1/14 AECOM County agreed to keep the 2" x 6" vertical aluminum fins. 2/7/14 Change included in revised GMP.
12/13/13		04	Alternate 3C - Delete Vertical Aluminum Fins in Their Entirety	Rejected	R	0	0	Rejected		Cannot be accepted with Alternate 3, Alternate 3A, or 3B. 12/16 Sheila to review with AECOM design staff and make a recommendation. The County would very much like to realize some savings to reduce the cost of this aesthetic expense but will defer to AECOM as to which alternative or new idea.
12/13/13		06	Doors/Frames/Hardware - (1.) Change some Mortise locks to ND locks. (2.) Change to a standard door frame (unequal rabbits, 16 gauge in stock) ILO specified equal rabbit, 18 gauge, fully welded. (3.) Change panic devices to the 99 series ILO the specified 7500 series.	Included		Included	0	0		12/16 Olga/GLHN to coordinate changes in door hardware schedule. 12/20 PCFM - Accepted, Olga/GLHN to coordinate changes in door hardware schedule. 1/22 SUNDT to be included in revised GMP. 2/7/14 Change included in revised GMP.
01/00/00		08	NEW DOOR & WINDOW ITEM	0	P	0	0	0		



# PIMA COUNTY DOWNTOWN COURTS COMPLEX PARKING GARAGE, RETAIL & SITEWORK



## Design Evolution Log

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS			Comments
						Accepted	Potential	Rejected	
12/13/13		09	Overhead doors: Change to a standard Security grille door (Alpine Econo Grille roll down security door or equal) ILO the specified perforated slat doors	Included		Included	0	0	12/16 County prefers open grille to solid surface door. Solid surface is prone to unsightly dents and graffiti. 12/20 Being evaluated based upon recent Aspen Door selection. 12/20 PCFM - Accepted. County prefers open grille to solid surface door. Solid surface is prone to unsightly dents and graffiti. County has approved cut-sheet sent by Olga. 1/22 SUNDT - to be included in revised GMP. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		10	If std. security grille doors are accepted, change finish to mill finish (no powder coat on security grilles)	Included		Included	0	0	12/16 Olga/GLHN to coordinate in specs. Mill finish is acceptable to County. 12/20 Being evaluated based upon recent Aspen Door selection. 12/20 PCFM - Accepted. Olga/GLHN to coordinate in specs. Mill finish is acceptable to County. 1/22 SUNDT - to be included in revised GMP. <b>2/7/14 Change included in revised GMP.</b>
01/00/00		11	NEW DOOR & WINDOW ITEM.	0	P	0	0	0	
Subtotal --->						0	0	0	
	<b>09</b>	<b>FINISHES</b>		Value					
11/26/13		01	Eliminate Anti-graffiti Coating at Exterior to 18 ft. AFF	Rejected	R	0	0	Rejected	12/16 Olga/GLHN - Provide coating to 10' above grade. Spray line should be masked to create straight line at possible sheen variance in precast panels. 12/20 PCFM - Rejected, see item 10 below.
12/13/13		02	Change High Performance Paint product to a standard exterior grade paint.	Included		Included	0	0	12/16 Olga/GLHN to investigate and comment. 12/20 PCFM - Where is this used? 1/14 High performance paint to be changed to standard exterior grade paint. <b>2/7/14 Change included in revised GMP.</b>



# PIMA COUNTY DOWNTOWN COURTS COMPLEX PARKING GARAGE RETAIL & SITEWORK



Design Evolution Log

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS				Comments
						Accepted	Potential	Rejected		
12/13/13		03	Delete painting of interior columns and backside of spandrel panels	Included		Included	0	0	0	12/16 Olga/GLHN - Interior painting of garage should include underside of deck for entire Lower Level including ramp and lone interior column. Lower Level walls should remain unpainted. Ground level painting should include underside of deck between columns B and C only as well as east west entrance drive lane between columns A & B. 12/20 PCFM - Accepted. 1/14 AECOM confirmed previous decisions. 1/22 SUNDT to be included in revised GMP. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		04	Eliminate painting all security mesh	Rejected	R	0	0	0	0	12/16
12/13/13		05	Add Alternate - paint underside of T's and interior columns on Ground level - not exterior columns or walls.	Rejected	R	0	0	0	0	12/16 See 03 above 12/20 PCFM - Needs more discussion. 1/22 SUNDT - to be included in revised GMP. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		06	Vest 110 to be sealed concrete	Included		Included	0	0	0	12/16 06 Correct - Olga/GLHN to incorporate in dwgs. 1/22 SUNDT - to be included in revised GMP. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		07	Restroom 101 - common ceramic tile & base	Included		Included	0	0	0	12/16 06 Correct - Olga/GLHN to incorporate in dwgs. 12/20 PCFM - Accepted. 1/22 SUNDT - to be included in revised GMP. <b>2/7/14 Change included in revised GMP.</b>
06/25/13		08	Lobby 115 - common ceramic tile & base	Included		Included	0	0	0	12/16 Olga/GLHN - Lobby 115 should be some form of common floor tile (Dal Tile), not VCT/Sheet vinyl or cpt. 1/22 SUNDT - to be included in revised GMP. <b>2/7/14 Change included in revised GMP.</b>
06/25/13		09	Add Alternate - paint underside of T's and one interior column in lower level not to include exterior columns and walls	Included		Included	0	0	0	12/16 See 05 above 1/22 SUNDT - to be included in revised GMP. <b>2/7/14 Change included in revised GMP.</b>

**PIMA COUNTY DOWNTOWN COURTS COMPLEX -  
PARKING GARAGE, RETAIL & STEELWORK**



Design Evolution Top

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS			
						Accepted	Potential	Rejected	Comments
06/25/13		10	Reduce Graffiti Coating from 18 ft. AFF to 10 ft. AFF.	Included		Included	0	0	12/20 PCFM - Accepted. 1/22 SUNDT - to be included in revised GMP. <b>2/7/14 Change included in revised GMP.</b>
06/25/13		11	NEW FINISH ITEM		0 P	0	0	0	
Subtotal --->						0	0	0	
	<b>10</b>	<b>SPECIALTIES</b>		Value					
11/26/13		01	Elimination of Bike Lockers, 6 each	Rejected	R	0	0	0	12/16 Olga/GLHN - Sundt to provide and install bike lockers. Std. unibody, pre-molded fiberglass construction with ability to padlock.
12/13/13		02	Change mounting of a portion of S7a signs to a wall mount ILO Pole mount	Included		Included	0	0	12/16 Don M. to revise accordingly. 1/22 SUNDT - to be included in revised GMP. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		03	Code required fire extinguishers and cabinets only, extinguishers by Owner, 31 each.	Included		Included	0	0	GMP included cabinets only. 12/16 Sheila to investigate the appropriate quantity and locations of FEC's. 12/20 AECOM - 1 per 75 ft. radius, 3 per Level. 1/14 AECOM 4 per typical floor. 1/22 SUNDT - to be included in revised GMP. <b>2/7/14 Change included in revised GMP.</b>



# PIMA COUNTY DOWNTOWN COURTS COMPLEX PARKING GARAGE, IN-PAVEMENT SITEWORK



## Design Evolution Log

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS				Comments
						Accepted	Potential	Rejected		
12/13/13		04	Site bike racks: Provide bike racks for 48 bikes	Included		Included	0	0		12/16: Sheila/LEED to reduce bike rack quantities to the code/LEED required minimum. Concentrate racks on the south side of the plaza to the fullest extent possible. 12/18 AECOM - Current Bike Rack is the Dero Helix rack. This rack can fit six bikes on one rack. Each Rack is 62" long, and can be fit to appear as a continuous looping line of racks. Plans show 17 racks, which provide a capacity of 102 bicycles. Please note that Code minimum and LEED minimum are not the same capacity. Please advise. <a href="http://www.dero.com/brochures/helix-rack.pdf">http://www.dero.com/brochures/helix-rack.pdf</a> 1/14 AECOM - Kimley-Horn will show 42 bicycle capacity (7 racks), reduced from 17. <b>2/7/14 Change included in revised GMP.</b>
12/20/13		05	Design Consultants 12/27/2013, reissue of Garage Signage Package	Included		Included	0	0		12/27 Revised signage package received. <b>2/7/14 Change included in revised GMP.</b>
02/07/14		06	Add building address numbers 220 (N. Stone Avenue), 36 (E. Alameda) - ALLOWANCE	2,500	A	2,500	0	0		Added per 2/7/14 Scope Document review meeting, by PCGM.
0/00/00		07	NEW SPECIALTIES ITEM	0	P	0	0	0		
Subtotal --->						2,500	0	0		
<b>11 EQUIPMENT</b>				Value						
11/26/13		01	Eliminate One (1) Credit Pay-On-Foot Station	Rejected	R	0	0	Rejected		12/16 Don M. - change drawings to reflect new revenue collection and traffic flows. Pay stations are eliminated. 1/22 SUNDT - Revised design/specifications issued, to be included in revised GMP. <b>2/7/14 Superseded by new specifications.</b>



# PIMA COUNTY DOWNTOWN COURTS COMPLEX PARKING GARAGE RETAIL & SERVICE WORK



## Design Evolution Log

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS				Comments
						Accepted	Potential	Rejected		
11/26/13		02	Down Grade One (1) Cash Pay-On-Foot Station to Credit Only	Rejected	R	0	0	Rejected	12/16 Don M. - see 01 above. Both pay stations are eliminated. 1/22 SUNDT - Revised design/specifications issued, to be included in revised GMP. <b>2/7/14 Superseded by new specifications.</b>	
12/13/13		03	Eliminate (or modify) reversible lane (ROM)	Rejected	R	0	0	Rejected	12/16 Don M. - Reversible lane is still required. Both reversible lane and entry lane will require LVR camera for "cash" customers. 1/22 SUNDT - Revised design/specifications issued, to be included in revised GMP. <b>2/7/14 Superseded by new specifications.</b>	
12/13/13		04	Change intercom system to a Viking System ILO the specified Commend System.	Rejected	R	0	0	Rejected	12/16 Don M. to review and comment. 1/22 SUNDT - Revised design/specifications issued, to be included in revised GMP. <b>2/7/14 Superseded by new specifications.</b>	
12/13/13		05	Eliminate requirement for Spare parts for parking revenue system	Rejected	R	0	0	Rejected	12/16 Don M. to review and comment. How readily available are parts? 1/22 SUNDT - Revised design/specifications issued, to be included in revised GMP. <b>2/7/14 Spare parts include per new specifications into the revised GMP.</b>	
12/13/13		06	Provide credit/debit card only system	Rejected	R	0	0	Rejected	Cannot be accepted with Options 1 or 2 above. 12/16 Correct Don M. - County is going to monthly or credit system only with camera/intercom provision for those without credit. 1/22 SUNDT - Revised design/specifications issued, to be included in revised GMP. <b>2/7/14 Change included in revised GMP.</b>	

**PIMA COUNTY DOWNTOWN COURTS COMPLEX  
PARKING GARAGE, RETAIL & SITEWORK**



Design Evolution Log

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS				Comments
						Accepted	Potential	Rejected		
12/13/13		07	Provide barrier gate at Column Line B4 (entrance only - no exit) to change from metered parking to monthly premium reserved parking (Free Zone)	Rejected	R	0	0	0	Rejected	GMP does not include a pay-by-space system. This was directed to be "free parking". 12/16 Correct Don M./GLHN to modify dwgs and coordinate with GLHN (conduits and power). 1/22 SUNDT - Revised design/specifications issued, to be included in revised GMP. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		08	Add cameras and intercom to entry gates to capture license plates photos and contact with office personnel as needed.	Rejected	R	0	0	0	Rejected	Need further clarification on scope of work. 12/16 Correct Don M./GLHN to coordinate dwgs. 1/22 SUNDT - Revised design/specifications issued, to be included in revised GMP. <b>2/7/14 Superseded by new specifications.</b>
12/20/13		09	Redesign/Specifications for Garage Revenue Collection System	Included		Included	0	0	0	12/30 Walker - revised package due W/E 1/10/14. Cannot be accepted with any or all of items 1 thru 6 above. 1/22 SUNDT - Revised design/specifications issued, to be included in revised GMP. <b>2/7/14 Change included in revised GMP.</b>
01/00/00		10	NEW EQUIPMENT ITEM	0	P	0	0	0	0	
Subtotal --->						0	0	0	0	
<b>12 FURNISHINGS</b>			Value							
01/00/00		01	NEW FURNISHINGS ITEM	0	P	0	0	0	0	
Subtotal --->						0	0	0	0	
<b>SPECIAL CONSTRUCTION</b>			Value							
01/00/00		01	NEW SPECIAL CONSTRUCTION ITEM	0	P	0	0	0	0	
Subtotal --->						0	0	0	0	
<b>13 CONVEYING SYSTEM</b>			Value							
12/13/13		01	Stated elevator speed 350 fpm - provide 200 fpm equipment.	Included		Included	0	0	0	Developing another option for a speed of 150 fpm. 12/16 Accepted. <b>2/7/14 Change included in revised GMP.</b>



**PIMA COUNTY DOWNTOWN COURTS COMPLEX  
PARKING GARAGE RETAIL & SITE WORK**



Design Evaluation Log

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS			
						Accepted	Potential	Rejected	Comments
02/07/14		02	To use standard Otis patterned or rigidized steel cab walls, satin stainless steel ceiling with downlights and a satin stainless steel side and rear handrail, in lieu of the current cab finish Allowance of \$20,000 per cab.	(49,000)	P	0	(49,000)	0	2/7 Sundt to coordinate meeting w/ Otis elevator and design Team to review cab interiors, also locate existing cab finish installation in Tucson.
01/00/00		03	NEW CONVEYING SYSTEM ITEM	0	P	0	0	0	
<b>Subtotal ---&gt;</b>						0	(49,000)	0	
<b>14 FIRE SPRINKLER</b>				<b>Value</b>					
11/26/13		01	Add 3rd Standpipe if Permitted by Code (ROM)	4,943	P	0	4,943	0	12/16 Olga/GLHN to review and comment
12/13/13		02	Provide dry pipe on lower level and ground level, consultants to confirm by code requirement. The office space will have wet pipe system.	Rejected	R	0	0	Rejected	12/16 County is receptive to either a dry pipe or wet pipe system. Both sprinkler areas will be utilized by monthly parkers, not general public. Therefore, risk of vehicles accidentally hitting a sprinkler head are minimal as compared to general public areas. 12/31 PCFM - All fire protection systems in parking garage shall be wet pipe design.
01/00/00		03	NEW FIRE SPRINKLER ITEM	0	P	0	0	0	
<b>Subtotal ---&gt;</b>						0	4,943	0	
<b>15 PLUMBING</b>				<b>Value</b>					
12/13/13		01	Add Heavy Duty Couplings for Aboveground Rain Water Leader Piping	Rejected	R	0	0	Rejected	12/16 GLHN to review and comment. County will support GLHN's recommendation. 12/19 GLHN - ACCEPTED - the heavy duty couplings to be used on 8" RWL only. 12/31 PCFM - Rejected, County does not require heavy duty couplings. 2/7/14 Change NOT included in revised GMP.
12/13/13		02	Change 1 inch Pre-molded Fiberglass Pipe Cover Insulation to Factory Applied All-Service Vapor Barrier Jacket	Included		Included	0	0	12/16 GLHN to review and comment. 12/19 GLHN - Accepted. 2/7/14 Change included in revised GMP.
12/13/13		03	Use Schedule 40 PVC DWV Pipe & Fitting in lieu of No-Hub Cast Iron Pipe & Fittings for Underground Waste & Rain Leaders. Conversions from vertical piping to horizontal, i.e. 90s, etc. to be cast iron.	Included		Included	0	0	12/19 GLHN - rejected. 12/31 PCFM - County is acceptable to UNDERGROUND PVC. 2/7/14 Change included in revised GMP.



# PIMA COUNTY DOWNTOWN COURTS COMPLEX PARKING GARAGE, RETAIL & SITEWORK



## Design Evolution Log

February 11, 2014

Date	Sys	Item	Description	Status	BUDGET REVISIONS				Comments
					Accepted	Potential	Rejected		
12/13/13		04	Use 1" Armaflex Insulation in lieu of Specified Insulation	Included	Included	0	0	0	12/16 GLHN to review and comment 12/19 GLHN - accepted. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		05	Eliminate Insulation at Interior Roof & Overflow Drain Leaders	Included	Included	0	0	0	12/16 GLHN to review and comment 12/19 GLHN - Accepted. <b>2/7/14 Change included in revised GMP. 2/7/14 Change included in revised GMP.</b>
12/13/13		06	Use Schedule 40 PVC DWV Pipe & Fitting in lieu of No-Hub Cast Iron Pipe & Fittings for Above Ground Waste, Vent, Rain & Overflow Piping. Conversions from vertical piping to horizontal, i.e. 90s, etc. to be cast iron	Included	Included	0	0	0	12/19 GLHN - rejected 12/31 PCFM - County is acceptable to Retail only. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		07	Eliminate Insulation of Exterior Domestic Cold Water Piping	Included	Included	0	0	0	12/16 GLHN to review and comment 12/19 GLHN - Accepted. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		08	Plumbing: Confirm size required for area drains. 8" full height seems excessive	Included	Included	0	0	0	12/16 GLHN to review and comment 12/19 GLHN - Accepted. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		09	Plumbing: Is there a code requirement for hose bibs? If not, reduce hose bibs to 2 (two) per floor at column line 6	Included	Included	0	0	0	12/16 GLHN to reduce the total quantity of hose bibs pre County's direction. 2 per floor max. @ north end. 12/19 GLHN to reduce the total quantity of hose bibs pre County's direction. 2 per floor max. @ north end. ACCEPTED. 1/9 Answered and ACCEPTED in #12 below. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		10	Rough-in for future booster pump, but eliminate pump in base bid	Included	Included	0	0	0	12/16 GLHN to eliminate the booster pump and to provide loop-in for future possible connection only, including required electrical circuit. County plumbers will provide and install actual booster if necessary. 12/19 GLHN - ACCEPTED. <b>2/7/14 Change included in revised GMP.</b>



# PIMA COUNTY DOWNTOWN COURTS COMPLEX PARKING GARAGE RETAIL & SITEWORK



## Design Evolution Log

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS			Comments
						Accepted	Potential	Rejected	
12/13/13		11	Plumbing: Does the code require a drinking fountain for the Parking office?	Rejected	R	0	0	Rejected	12/16 Sheila/GLHN to review code requirement. 12/19 GLHN - REJECTED - CODE DOES NOT REQUIRE A DRINKING FOUNTAIN SERVING THE RETAIL AREA INHABITED BY PIMA COUNTY.
12/13/13		12	Reduce Count of Hose Bibbs From GMP to 2 per Level Plus 4 General Use for a Total of 18 each	Included		Included	0	0	12/16 See No. 09 above: <b>2/7/14 Change Included in revised GMP.</b>
01/00/00		13	NEW PLUMBING ITEM	0	P	0	0	0	
Subtotal --->						0	0	0	
	<b>16</b>	<b>MECHANICAL</b>		Value					
11/26/13		01	Eliminate Exhaust Fans at Level 1, as Parking Garage is 'Open-Air'	Included		Included	0	0	12/16 GLHN/AECOM/Don M. - to seek ways to comply with 20% free area perimeter thus eliminating mechanical exhaust code requirement for ground level. 12/19 GLHN - ACCEPTED 12/31 GLHN/AECOM/Don M. open area requirement has been achieved. See revised drawings. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		02	Mechanical Ventilation: Look for ways to increase open area to 20%. Consider west elevation under ramp.	0	R	0	0	0	12/16 See no. 01 above
12/13/13		03	East side vent shaft: Per previous discussion. Increase height to 50' above grade with top grate.	Included		Included	0	0	12/16 Areaway height above grade has been changed already to minimize vagrant problem
12/13/13		04	RFI 028 Location for future CHW and HW Risers	Included		Included	0	0	12/16 GLHN to review and comment. 1/22 SUNDT - GLHN, run lines to Retail, east wall, for future. <b>2/7/14 Change included in revised GMP.</b>
12/20/13		05	Adjust Garage Exhaust System, at Lower Level, to Accommodate Requirement to Operate 24/7, at a Reduced Rate.	0	P	0	0	0	12/16 GLHN to review and comment to reduce fan operation as allowed by Code. 12/31 GLHN/AECOM/Don M. - open area requirement has been achieved. See revised drawings.

**PIMA COUNTY DOWNTOWN COURTS COMPLEX  
PARKING GARAGE RETAIL & SITEWORK**



**Design Evolution Log**

February 11, 2014

**BUDGET REVISIONS**

Date	Sys	Item	Description		Status	Accepted	Potential	Rejected	Comments
02/07/14		06	Eliminate CHW & HHW supply and return lines from the east side of the garage to the east end of the retail space	(30,114)	A	(30,114)	0	0	2/7 Sundt to validate actual credit to terminate lines at the east side of the parking garage.
01/00/00		07	NEW MECHANICAL ITEM	0	P	0	0	0	
				<b>Subtotal ---&gt;</b>		(30,114)	0	0	
	<b>17</b>	<b>ELECTRICAL</b>	<b>Value</b>						
12/13/13		01	Lighting garage, retail, site & lighting control	Included		Included	0	0	12/16 GLHN/Don M. - to minimize necessary lighting controls to CODE MINIMUM @ access/egress points only. Lighting SHOULD NOT remain "on" 24/7 as currently indicated on drawings. Time clock control is acceptable with minimal dimming capability. GLHN requires additional information to make recommendation. Please provide 12/31 PCFM - GLHN/Don M. - to review scope of proposed deduct. More discussion is required with County to understand scope. 1/22 SUNDT - Per 1/16 meeting, GLHN to revise lighting and controls. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		02	Voluntary alternate for Gear & Misc. Scope and Mfr. Changes	Included		Included	0	0	12/16 GLHN to review and comment. County requires open spec. 12/31 PCFM - GLHN to advise, otherwise County to accept. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		03	Delete Level 1 Wall Exhaust Fans	Included		Included	0	0	12/16 See no. 01 - Mechanical above 12/16 GLHN - ACCEPTED 12/31 PCFM - open air requirement at grade level has been achieved. 1/22 SUNDT - Awaiting revised MEP design documents. <b>2/7/14 Change included in revised GMP.</b>



# EDMA COUNTY DOWNTOWN COURTS COMPLEX PARKING GARAGE DETAIL & SITEWORK



## Design Evolution Log

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS			
						Accepted	Potential	Rejected	Comments
12/13/13		04	Eliminate FA, CCTV, SEC, Emergency Phones	Included		Included	0	0	12/19 GLHN - ACCEPTED 12/31 PCFM - GLHN - County requires CCTV system as amended. Is FA a code requirement? County does not require "Blue Phone," is it a code requirement? If so, where does it ring to? 1/22 SUNDT - Awaiting revised MEP design documents. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		05	Delete Vehicle Chargers	Included		Included	0	0	Only 4 stations 12/16 GLHN to reduce quantity of EV chargers to 4 total and hopefully reduce panelboard sizes and overall garage amperage as well. 12/19 GLHN - Accepted. 1/22 SUNDT - Awaiting revised MEP design documents. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		06	Allow Standard Electrical Means & Methods	Included		Included	0	0	12/16 GLHN to review and comment 12/19 GLHN - Accepted. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		07	Intercom and card reader is needed at the Parking office door 110A	Rejected	R	0	0	Rejected	12/16 Don M. to revise revenue system including intercom accommodations for those "cash" patrons. 1/22 SUNDT - Awaiting revised MEP design documents. <b>2/7/14 Superseded by revised specifications.</b>
12/13/13		08	Electrical/Telecom: Are the blue phones required by code? Number and location of phones need additional discussion	Included		Included	0	0	12/16 See no. 04 above
12/13/13		09	RFI 027 Electrical Connection to LSD	Included		Included	0	0	12/16 Clarification needed. 1/22 SUNDT - Awaiting revised MEP design documents. <b>2/7/14 Change included in revised GMP.</b>



# PIMA COUNTY DOWNTOWN COURTS COMPLEX PARKING GARAGE RETAIL & SITEWORK



## Design Evolution Log

February 11, 2014

Date	Sys	Item	Description		Status	BUDGET REVISIONS				Comments
						Accepted	Potential	Rejected		
12/13/13		10	Optional surface mount down light on concrete bollards?	Included		Included	0	0	0	12/16 AECOM to review... Is downlight option necessary? 12/31 PCFM - Downlights have been eliminated. 1/22 SUNDT Awaiting revised MEP design documents. <b>2/7/14 Change included in revised GMP.</b>
12/13/13		11	Light levels and fixtures are under redesign to fall in line to Walker Parking level recommendations	Rejected	R	0	0	0	0	12/16 Fluorescent lighting design is preferred by Owner with fixture as shown. A question still exists as to the required/recommended spacing of the actual fixtures. Don M. and GLHN need to confer and discuss spacing. 1/22 SUNDT - Awaiting revised MEP design documents. <b>2/7 Sundt GMP includes fluorescent lighting design issued by AECOM/GLHN November 12, 2103.</b>
12/13/13		12	Retail - These fl. Fixtures look pretty fancy. Any reason we can't use the same fixtures we use in most of our office spaces?	Included		Included	0	0	0	12/31 (GLHN) Fixtures in retail should be identical to similar Tower back office spaces. Strip fluorescents are fine for "marketing" actual retail space until tenant improvements are made. Fixtures in shared "back hallway" should be standard back office such as 2'X4' acrylic lens.
12/13/13		13	Provide conduit and pull string to Car Charger stations for future procurement and installation of chargers.	0	R	0	0	0	0	12/31 Correct - GLHN to provide circuitry, conduit and pull strings for Owner provided and installed EV stations. (2) total stations with the ability to charge (4) vehicles at designated spaces.
12/13/13		14	Rework conduit runs per recent instruction of Robert Patze which was agreed to by PC IT.	0	P	0	0	0	0	1/22 SUNDT - Awaiting revised MEP design documents.



# PIMA COUNTY DOWNTOWN COURTS COMPLEX PARKING GARAGE, RETAIL & SITEWORK



Design Evolution Log

February 11, 2014

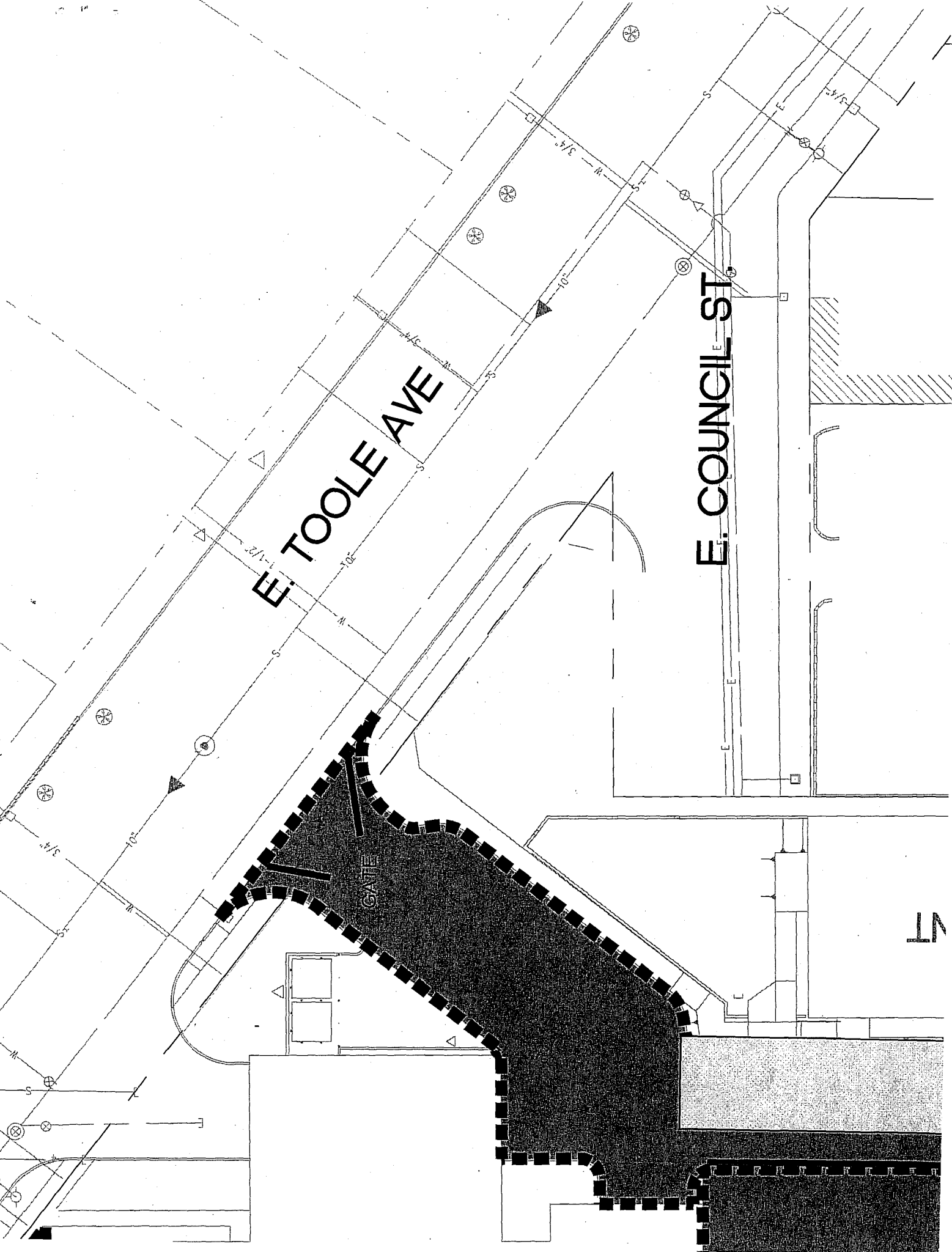
Date	Sys	Item	Description		Status	BUDGET REVISIONS				Comments
						Accepted	Potential	Rejected		
12/13/13		15	Card access to be provided at doors B100, B103, 101; elevator #1,2 to go to secured level & at car gate barriers	0	R	0	0	0	0	12/16 Correct 12/31-PCFM - Card access per County's marked plan provided to GLHN.
12/20/13		16	Eliminate Empty conduits to inverter rooms.	Included		Included	0	0	0	12/16 County to provide marked up card access required locations per Dave Erickson. 12/31 PCFM - Accepted. 1/22 SUNDT - Awaiting revised MEP design documents. <b>2/7/14 Change Included in revised GMP.</b>
12/20/13		17	Eliminate Rereed of Stone street lights	Included	R	Included	0	0	0	12/31 PCFM - REJECTED - Needs discussion
12/20/13		18	Eliminate Relocation of Cox box to right of way	Rejected	R	0	0	0	0	12/31 PCFM - Needs discussion. 2/7/14 Addressed in C/S contract.
12/20/13		19	Eliminate Replacement of 2 damaged light poles on Stone.	(3,500)	P	0	(3,500)	0	0	12/31 PCFM - Needs discussion
12/20/13		20	Comm. Line & #9 box from Superintendent's bldg. to parking garage	Included		Included	0	0	0	12/31 PCFM - Under review
12/20/13		21	Reduce EV Stations from 10 Ea To 5 Ea	Included		Included	0	0	0	12/31 PCFM - See previous - EV stations reduced to 4. 1/7 Cannot be accepted w/ #5 above.
12/20/13		22	Reduce Convenience Receptacles to 2 per Floor at Column Line 6	Included		Included	0	0	0	12/31 PCFM - Correct. 12/31-PCFM - quantity of duplex outlets per County's marked up plan. <b>2/7/14 Change Included in revised GMP.</b>
01/00/00		23	Relocate Electrical Room from current location to in the basement level in the NE corner or at the SE corner where it would be supported on grade.	Rejected	R	0	0	0	0	12/31 Walker suggestion
01/00/00		24	NEW ELECTRICAL ITEM	0	P	0	0	0	0	
Subtotal ---->						0	(3,500)	0	0	

E. TOOLE AVE

E. COUNCIL ST.

GATE

ST



**Sundt Concrete Billing Rate Schedule WITHOUT Vehicle included**

**Pima Downtown Court Complex  
Parking Garage, Retail, and Sitework**



**SUNDT**

DESCRIPTION		Unit Rate	Unit
1	<i>Carpenter Foreman</i>	\$42.56	Hour
2	<i>Carpenter Journeyman</i>	\$37.01	Hour
3	<i>Earthwork Operator</i>	\$39.79	Hour
4	<i>Crane Operator</i>	\$43.95	Hour
5	<i>Forklift/Misc Operator</i>	\$39.79	Hour
6	<i>Laser Screed Operator</i>	\$39.79	Hour
7	<i>Finisher Foreman</i>	\$43.95	Hour
8	<i>Finisher Journeyman</i>	\$39.79	Hour
9	<i>Laborer Foreman</i>	\$35.62	Hour
10	<i>Laborer Journeyman</i>	\$32.15	Hour
11	<i>Steel Foreman</i>	\$39.54	Hour
12	<i>Steel Journeyman</i>	\$34.76	Hour
13	<i>CAD Person</i>	\$58.92	Hour
14	<i>Layout Engineer</i>	\$58.92	Hour
15	<i>Field Engineer</i>	\$58.92	Hour
16	<i>Project Engineer</i>	\$79.62	Hour
17	<i>Estimator/PM</i>	\$72.41	Hour

These rates are valid from October 1, 2013 thru January 31, 2015.  
After January 31, 2015 these rates will increase 5% per year unless  
otherwise stipulated in the contract.

**Sundt Billing Rate Schedule WITH Vehicle included**

**Pima Downtown Court Complex  
Parking Garage, Retail, and Sitework**



**SUNDT**

DESCRIPTION		Unit Rate	Unit
1	<i>Safety Engineer</i>	\$71.95	Hour
2	<i>Field Superintendent</i>	\$91.88	Hour
3	<i>General Superintendent</i>	\$125.04	Hour
4	<i>Project Manager</i>	\$124.70	Hour
5	<i>Pre-Con PM</i>	\$130.60	Hour
6	<i>Project Superintendent</i>	\$105.06	Hour
7	<i>Quality Control Engineer</i>	\$105.06	Hour
8	<i>Project Administrator</i>	\$46.15	Hour

These rates are valid from October 1, 2013 thru January 31, 2015.  
After January 31, 2015 these rates will increase 5% per year unless  
otherwise stipulated in the contract.

## SUBCONTRACTOR BID COVERAGE SUMMARY



**SUNDT**  
February 7, 2014

Div.	Trade	Subs Solicited	Bids Received	Additional Bids	Final Bids	Comments
02	SITEWORK					
	Survey	7	1	0	1	Darling - project surveyor
	Earthwork & Asphalt Pavement	10	3	3	6	Buesing; Markham; ACE;
	Termite Treatment	5	2	1	3	University Termite
	Traffic Striping	7	0	3	3	FMK; Arrow; A-1 Striping
	Fences & Gates	5	1	1	2	<b>Biff Baker Fence</b>
	Landscaping	6	4	2	6	Foothill Grounds; Diggum
03	CONCRETE					
	Site Concrete	8	4	0	4	Concrete Done With Love; Sahara Dev.;
	Building Concrete	1	1	0	1	GMP - Sundt self-perform
	Precast Concrete	2	2	0	2	Coreslab; T-Pac
04	MASONRY	4	2	2	4	Tellez; Brothers Masonry
05	METALS	6	2	2	4	Schuff Steel Mgmt.; Cutting Edge
06	WOOD & PLASTIC	5	1	1	2	Architectural Millwork Designs
07	THERMAL & MOISTURE PROTECTION					
	Waterproofing	10	2	0	2	Deleted from the project
	Traffic Coatings	7	3	3	6	By joint sealant subcontractors
	Metal Panels	8	2	1	3	Total Metal Solutions
	Membrane Roofing	3	2	1	3	Star Roofing
	Building Insulation	4	1	1	2	<b>Alcal</b>
	Joint Sealants	6	6	0	6	
	Expansion Joints	9	3	3	6	Alcal; RTI; Rite-Way
08	DOORS & WINDOWS					
	Doors, Frames & Hardware	5	2	1	3	LaForce
	Overhead Doors	4	3	1	4	<b>Cookson</b>
	Storefront	5	2	1	3	<b>Border Glass;</b>
09	FINISHES					
	Drywall & Framing	10	2	2	4	Universal Drywall; Berg Drywall;
	Acoustical	5	1	3	4	T-P Acoustics; Berg Drywall; <b>Babby-Henkel</b>
	Resilient Flooring & Carpet & Tile	8	1	2	3	<b>Wholesale; Conway</b>
	Painting	4	2	2	4	Berg Drywall; Johnson Bros.
10	SPECIALTIES					
	Signage & Flagpoles	11	2	1	3	<b>Effective Signs</b>
	Toilet Accessories & Bike Lockers & F.E. Cabinets	10	1	0	1	
11	EQUIPMENT					
	Parking Control Equipment	10	3	0	3	<b>DH Pace;</b> Security Fence; ParkPro
12	FURNISHINGS					
	Site Furnishings	7	1	0	1	Maglin/Sundt
13	CONVEYING SYSTEM	4	1	2	3	TKE; <b>Otis</b>
14	FIRE SPRINKLER	6	4	1	5	Kazal Fire
15	PLUMBING	4	2	1	3	<b>Advantage Mechanical;</b> Sun Mech.
16	MECHANICAL	5	3	1	4	Advantage Mechanical
17	ELECTRICAL	6	6	1	7	Gilbert Electric;
		217	78	43	121	