



BOARD OF SUPERVISORS AGENDA ITEM REPORT CONTRACTS / AWARDS / GRANTS

☐ Award ☒ Contract ☐ Grant

Requested Board Meeting Date: 05/07/19

* = Mandatory, information must be provided

or Procurement Director Award ☐

***Contractor/Vendor Name/Grantor (DBA):**

Burns Wald-Hopkins Shambach Architects, Inc.

***Project Title/Description:**

Architectural and Engineering Design Services: Defense Services Building - Juvenile Courts (XDSBJC)

***Purpose:**

Amendment: Contract No. CT-FM-19-124, Amendment No. One (1). This amendment extends the term of the contract to 09/30/21, modifies the scope of work, and increases the contract amount by \$64,952.00 for a cumulative not-to-exceed amount of \$533,636.00. Administering Department: Facilities Management.

This amendment eliminates the second story from the new building design and adds additional design services for the remodel and expansion of the existing Public Defender offices located adjacent to the new Defense Services Building. These modifications are a result of the schematic construction cost estimate for the two story building exceeding the budgeted amount by over two million dollars.

***Procurement Method:**

Pursuant to Solicitation for Qualifications No. 297297, on 09/04/18, the Board of Supervisors awarded a contract for this project in the amount of \$488,684.00 for a contract term of 09/04/18 to 02/28/21.

Attachments: Amendment No. One (1)

***Program Goals/Predicted Outcomes:**

The goal is to provide a new office space at the Juvenile Courts Complex near South Kino Parkway and East Ajo Way that will consolidate three (3) Public Defense Services Divisions that serve juveniles. These Divisions include the Office of Children's Counsel, Public Defender Juvenile and Dependency Unit, and the Legal Defender Dependency Unit. The new building and remodel and expansion will be integrated into the existing campus to take advantage of the resources already in place; primarily the proximity to the Juvenile Courts building, internal programming functions and Central Plant facilities.

***Public Benefit:**

In order to serve their clients, these 3 divisions need space to expand due to a departmental projected increase in full-time attorneys. This will allow consolidation of staff into the Juvenile Courts Complex, thereby creating efficiencies in case management, travel time, and staff response time.

***Metrics Available to Measure Performance:**

Success will be measured by meeting the design project schedule, satisfying the goals of the project stakeholders balanced against the project budget, and receiving a construction bid that is within the projected project budget.

***Retroactive:**

No.

To: COB - 4.24.19
JFS - 46
(1)

Contract / Award Information

Document Type: _____ Department Code: _____ Contract Number (i.e., 15-123): _____
Effective Date: _____ Termination Date: _____ Prior Contract Number (Synergen/CMS): _____
☐ Expense Amount: \$ _____ ☐ Revenue Amount: \$ _____

***Funding Source(s) required:**

Funding from General Fund? ☐ Yes ☐ No If Yes \$ _____ % _____

Contract is fully or partially funded with Federal Funds? ☐ Yes ☐ No

If Yes, is the Contract to a vendor or subrecipient?

Were insurance or indemnity clauses modified? ☐ Yes ☐ No

If Yes, attach Risk's approval.

Vendor is using a Social Security Number? ☐ Yes ☐ No

If Yes, attach the required form per Administrative Procedure 22-73.

Amendment / Revised Award Information

Document Type: CT Department Code: FM Contract Number (i.e., 15-123): 19-124
Amendment No.: One (1) AMS Version No.: Two (2)
Effective Date: 05/07/19 New Termination Date: 09/30/21
Prior Contract No. (Synergen/CMS): _____

☒ Expense or ☐ Revenue ☒ Increase ☐ Decrease Amount This Amendment: \$ 64,952.00

Is there revenue included? ☐ Yes ☒ No If Yes \$ _____

***Funding Source(s) required:** FM-Capital Projects Non-Bond (Transfer in from General Fund)

Funding from General Fund? ☒ Yes ☐ No If Yes \$ 64,952.00 % _____

Grant/Amendment Information (for grants acceptance and awards) ☐ Award ☐ Amendment

Document Type: _____ Department Code: _____ Grant Number (i.e., 15-123): _____
Effective Date: _____ Termination Date: _____ Amendment Number: _____
☐ Match Amount: \$ _____ ☐ Revenue Amount: \$ _____

***All Funding Source(s) required:**

*Match funding from General Fund? ☐ Yes ☐ No If Yes \$ _____ % _____

*Match funding from other sources? ☐ Yes ☐ No If Yes \$ _____ % _____

*Funding Source: _____

***If Federal funds are received, is funding coming directly from the Federal government or passed through other organization(s)?**

Contact: Scott Loomis 04/17/2019
Department: Procurement 4/19/19 Telephone: 520-724-8272
Department Director Signature/Date: [Signature] 4/18/19
Deputy County Administrator Signature/Date: [Signature] 4-18-19
County Administrator Signature/Date: [Signature] 4/19/19
(Required for Board Agenda/Addendum Items)

PIMA COUNTY FACILITIES MANAGEMENT DEPARTMENT

PROJECT: Architectural and Engineering Design
Services: Defense Services Building-
Juvenile Courts (XDSBJC)

CONSULTANT: Burns Wald-Hopkins Shambach
Architects, Inc.
261 N. Court Avenue
Tucson, Arizona 85701

CONTRACT NO.: CT-FM-19-124

AMENDMENT NO.: One (1)

FUNDING: FM-Capital Projects Non-Bond

CONTRACT TERM: 09/04/18 - 02/28/21	ORIGINAL CONTRACT AMOUNT:	\$	488,684.00
TERMINATION PRIOR AMENDMENT: N/A	PRIOR AMENDMENT(S):	\$	-
TERMINATION THIS AMENDMENT: 09/30/21	AMOUNT THIS AMENDMENT:	\$	64,952.00
	REVISED CONTRACT AMOUNT:	\$	553,636.00

CONTRACT AMENDMENT

WHEREAS, COUNTY and CONSULTANT have entered into the Contract referenced above; and

WHEREAS, schematic construction cost estimates for the new two story building far exceed the amount budgeted; and

WHEREAS, COUNTY has requested CONSULTANT to eliminate the second story from the new building design; and

WHEREAS, additional design services are required for the requested remodel and addition to the current offices; and

WHEREAS, COUNTY and CONSULTANT have agreed to extend the Contract term to allow for additional design services; and

WHEREAS, COUNTY and CONSULTANT agree to add additional funds pursuant to Article 4 – Compensation and Payment for the remainder of the additional services; and

WHEREAS, COUNTY and CONSULTANT have agreed to modify the Contract to reflect those changes.

NOW, THEREFORE, it is agreed as follows:

CHANGE: **ARTICLE 1 – TERM AND EXTENSION/RENEWAL/CHANGES**, first paragraph as follows:

FROM: "This Contract, as approved by the Board of Supervisors, commences on September 4, 2018, and terminates on February 28, 2021, unless sooner terminated or further extended pursuant to the provisions of this Contract."

TO: "This Contract, as approved by the Board of Supervisors, commences on September 4, 2018, and terminates on **September 30, 2021**, unless sooner terminated or further extended pursuant to the provisions of this Contract."

CHANGE: **ARTICLE 2 – SCOPE OF SERVICES**, first paragraph as follows:

FROM: "CONSULTANT agrees to provide Architectural and Engineering Design Services for the COUNTY as described in **EXHIBIT "A" - SCOPE OF SERVICES (11 pages)**, and **EXHIBIT "A-1" – CADMASTER LAYERS (1 page)**, attachments to this contract..."

TO: "CONSULTANT agrees to provide Architectural and Engineering Design Services for the COUNTY as described in **EXHIBIT "A" - SCOPE OF SERVICES (11 pages)**, **EXHIBIT "A-1" – CADMASTER LAYERS (1 page)**, and **EXHIBIT "A-2" – REVISED SCOPE OF SERVICES** dated April 9, 2019 **(11 pages)**, attachments to this contract..."

ADD: EXHIBIT "A-2" REVISED SCOPE OF SERVICES dated April 9, 2019 **(11 pages)**

CHANGE: **ARTICLE 4 – COMPENSATION AND PAYMENT**, first paragraph as follows:

FROM: "CONSULTANT's fee will remain fixed and may be adjusted only as provided in **ARTICLE 5** and **ARTICLE 6**. CONSULTANT's total CPFF will be allocated among the major tasks contemplated by this Contract in such manner that each major deliverable will have associated with it a not-to-exceed cost, plus a fixed fee amount, incorporated herein as **EXHIBIT "B" – COMPENSATION SCHEDULE (40 pages)**."

TO: "CONSULTANT's fee will remain fixed and may be adjusted only as provided in **ARTICLE 5** and **ARTICLE 6**. CONSULTANT's total CPFF will be allocated among the major tasks contemplated by this Contract in such manner that each major deliverable will have associated with it a not-to-exceed cost, plus a fixed fee amount, incorporated herein as **EXHIBIT "B" – COMPENSATION SCHEDULE (40 pages)**, and **EXHIBIT "B-1" – REVISED COMPENSATION SCHEDULE (32 pages)**."

ADD: EXHIBIT "B-1" – REVISED COMPENSATION SCHEDULE (32 pages)

CHANGE: **ARTICLE 4 – COMPENSATION AND PAYMENT**, third paragraph as follows:

FROM: "The total of all payments to CONSULTANT for services provided under this Contract will not exceed Four Hundred Eighty-Eight Thousand Six Hundred Eighty-Four Dollars and Zero Cents (\$488,684.00)."

TO: "The total of all payments to CONSULTANT for services provided under this Contract will not exceed **Five Hundred Fifty Three Thousand Six Hundred Thirty Six Dollars and Zero Cents (\$553,636.00)**."

This Amendment shall be effective on May 7, 2019.

(Remainder of page intentionally left blank)

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

IN WITNESS WHEREOF, the Parties have affixed their signatures to this Amendment on the dates written below.

COUNTY:

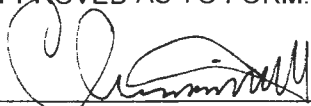
Chairman, Board of Supervisors

Date

ATTEST:

Clerk of the Board

APPROVED AS TO FORM:



Deputy County Attorney

CHRISTOPHER STRAUB

Name (Please Print)

4-18-2019

Date

CONSULTANT:



Signature

ROBIN SHAMBACH / PRINCIPAL

Name and Title (Please Print)

April 23, 2019

Date

EXHIBIT "A-2" – REVISED SCOPE OF SERVICES (11 Pages)

**PIMA COUNTY FACILITIES MANAGEMENT
NEW BUILDING SERVICES DIVISION**

**150 W. Congress Street | 3rd Floor | Tucson, Arizona | 85701
Tel: 520-724-3085**

DATE: April 9, 2019
PROJECT NAME: Defense Services Building – Juvenile Courts
BUILDING NAME: Defense Services Building
BUILDING ADDRESS: TBD
PROJECT MANAGER: Diana Pollard
TELEPHONE: 520 / 724-3101

A. SCOPE OF SERVICES TO BE PROVIDED BY THE CONSULTANT

1. General Provisions:

The Scope of Professional Services shall include all professional services required to design and construct the Project.

All work shall be performed by persons licensed in the State of Arizona for the type of Professional Services required, or by persons under direct supervision of the licensed Professional, for which the Licensed Professional(s) assumes responsibility. The names of the licensed Professional(s) shall be supplied. They shall be responsible for the drawings and specifications pertaining to the Professional Services they provide, by sealing and signing all drawings and specifications for which they are responsible.

The COUNTY lacks the available expertise for the Project, and has therefore, by this Agreement, employed the CONSULTANT. Written approval of plans, specifications, and reports by the Board of Supervisors is only for conformance with the program design concept of the Project. This approval does not imply approval of nor attest to the accuracy, suitability, or completeness of the design, drawings, dimensions, details, proper selection of materials, nor compliance with applicable codes or ordinances. Such accuracy, suitability, or completeness is the sole responsibility of the CONSULTANT for the Project.

If a responsive construction bid proposal for construction of the Project is not received for an amount within the construction budget, the CONSULTANT shall, in consultation with the COUNTY, revise the scope and/or quality of the project to obtain a satisfactory proposal to construct the project in accordance with A.R.S. 34-104, at no additional cost to the COUNTY, unless otherwise agreed upon by the COUNTY.

The CONSULTANT shall prepare minutes of all meetings in the design phase between the COUNTY, and the CONSULTANT, for review and approval by the COUNTY.

During the design phase of the project the CONSULTANT shall prepare a Master Project Schedule to encompass the entire project including the construction phase for review and approval by the

COUNTY. The CONSULTANT shall develop the baseline project schedule in Microsoft Project 2010 format or newer. The CONSULTANT shall then be responsible to maintain and update the schedule on a monthly basis until construction begins. Along with the schedule the CONSULTANT shall provide progress reports to the COUNTY's project manager on a bi-monthly basis throughout the Design Services. The CONSULTANT shall submit each schedule revision to the COUNTY for review and approval.

2. Project Narrative:

The Defense Services Building will be a new 1 story, 14,000 GSF facility located at the County Juvenile Complex near South Kino Parkway & East Ajo Way, immediately east of the central plant. This building will house the Public Defender and Legal Defender divisions of the Public Defense Services Department. Additionally, one new parking lot will be added at an undeveloped area adjacent to the Children's Advocacy Center, east of the new building site.

The new Defense Services Building design will incorporate connection to the existing Juvenile Courts Complex Central Plant located immediately to the west. The estimated construction budget includes the costs for replacing one of these chillers, however the engineering documents should describe replacement of both. One chiller will be replaced with this project and the second will be at a later date, still to be determined.

The existing Public Defenders offices located at 2237 E. Ajo Way will be remodeled and expanded to accommodate the Office of Children's Counsel. The existing building is approximately 5,500 GSF & the addition will be approximately 2,500 – 3,000 GSF.

The new building and the remodeled existing building will provide work space for approximately 83 attorneys and support staff as well as required support spaces such as conference rooms, reception areas and file rooms. Since the new building will displace existing parking spaces, there will be a need to replace those spaces in addition to providing code required parking for the new building and the addition to the existing building. It's anticipated that some of the new parking can be replaced adjacent to the new building with the remainder on an undeveloped site next to the Children's Advocacy Center. Access to the new building from that lot is a short walk across a bridge which spans the wash that was specifically designed to connect the existing Public Defender's and County Attorney's offices to the remainder of the complex.

The three divisions slated to go in these buildings have clients with opposing legal positions and representation such that the need for security and separation exists so these populations don't mix. Therefore, separate public building entries and waiting areas will be needed for each of the 2 divisions in the new building adding complexity to the building design. In addition, the staff will require separate building entrances at each of these buildings that cannot be accessed by the public. Security and access control for each division between the lobbies and the office space is critical. The security systems may be technology based, staffed security is not required. Because of the confidential nature of the work by these attorneys, they will require private offices with acoustical separation. Support staff can be located in workstations in a more open work environment.

(See **Map of the Area** prepared by the County at end of **Exhibit A**)

The County's Project Team will consist of representatives from Pima County Facilities Management, Pima County Public Defense Services and other stakeholders that the County has identified. All required design review presentations shall be made to Pima County Facilities Management prior to presenting to the entire Project Team.

3. Architectural & Engineering Services

Professional services for this project are to consist of the following and as described below:

- Existing Conditions Survey
- Program Verification
- Schematic Design
- Design Development
- Construction Documentation:
 - 50% CD Review Documents
 - 90% CD Review Documents
 - Permit/Bid documents
- Bidding and Permitting
- Construction Administration
- Record Drawings

The CONSULTANT shall also provide any and all presentation materials, which may include the following: presentation boards, conceptual renderings or models, color and material finish boards, Power Point presentations etc. as necessary to communicate the design to Pima County and its stakeholders. Provide a separate line item in the fee proposal for presentation renderings and/or models for use upon request by Pima County.

These Design services shall include (not limited to) the following as required:

- Architectural Services
- Civil Engineering
- Surveying
- Landscape Design
- Structural Engineering
- Mechanical Engineering
- Plumbing Engineering
- Fire Protection Delegated Design
- Fire Alarm Engineering
- Electrical Engineering
- Telecommunications Design
- Audio Visual Design
- Building, room and wayfinding identification signage
- Cost Estimating at Schematic Design, Design Development, 50% and 90% CD's and Bid phase.
- ADA Compliance
- Public Art Coordination
- Interior Design/Furniture Coordination with Pima County

The project shall be designed to implement LEED elements sufficient to obtain 50 or more points per LEED v4 edition. The CONSULTANT shall maintain a score card during design and construction to document progress toward this goal. Pima County may or may not elect to pursue LEED certification.

CONSULTANT to provide interior space planning services and conceptual furniture layout with consultation with Pima County Facilities Management. Pima County Facilities Management interior designer will select, specify, procure and manage installation for furniture and equipment.

Finish materials and color selections will be by CONSULTANT using Pima County Facilities Management's standards only. Pima County Facilities Management interior designer will have final approval.

CONSULTANT shall prepare and distribute meeting minutes at meetings with the COUNTY throughout the Design and Construction Document phases.

4. Estimated Construction Budget & Cost Control

The total construction budget shall not exceed **\$6,100,000** for construction by the General Contractor. The construction delivery method for this Project is Design-Bid-Build.

The CONSULTANT is responsible to maintain the project's design within the construction budget. The cost estimator needs to be well aware of construction costs within the southern Arizona market. A professional estimator, who is not an employee of the CONSULTANT's firm, and is independent from the CONSULTANT's other sub-consultants, shall prepare the cost estimates. If necessary the CONSULTANT and their cost estimator shall recommend value-engineering items, scope changes, and add alternates for COUNTY review and approval. If changes need to occur to the design documents in order to get the design within budget, including new cost estimate/s, this work shall be at no expense to the COUNTY.

5. Project Schedule:

- a. Design through Construction Documents – Six Months
- b. Permits and Bidding – Three Months
- c. Construction – Sixteen Months

The master project schedule shall be developed in association between the CONSULTANT, COUNTY and Project Team.

6. Pre-Design Services Detail:

- a. Existing Conditions Survey:

The CONSULTANT shall provide a survey, through a registered surveyor, with sufficient detail to design the project. At a minimum, it shall include the following as appropriate: property lines (providing lengths and bearings of each); setting iron pins at property corners; legal description, including any existing and proposed easements on site; identification of all onsite structures and features including, but not limited to, existing buildings, solar/shade canopies, hardscape, landscape, fencing, lighting and utilities; topographic contours at one foot intervals and spot elevations at 25 foot centers, and at all breaks in curbs and sidewalks; location, size, depth, pressure, and flow direction for all above and below ground utilities; location of all existing trees of 3 inch caliper and greater as well as any special features subject to demolition and/or relocation. This will include the proposed building sites as well as the proposed parking lot site. The CONSULTANT shall visit the project site and field measure and photograph existing conditions as necessary to inform the design and construction documents.

All drawings prepared by the CONSULTANT shall be in AutoCAD (2015, or newer, format) using the National CAD Standards Layering Convention (version 4 or later).

- b. Program Verification:

At the award of this contract, the CONSULTANT shall meet with the project stakeholders to verify the program and the functional needs of the new building. Any previously developed building program will be given to the consultant at the time of award outlining the general project requirements.

7. Design Services Detail:

- a. Applicable Codes and Regulations:

The CONSULTANT shall provide construction documents and assist the COUNTY with obtaining a building permit with Pima County Development Services.

The CONSULTANT shall assist the COUNTY with submission to the Arizona State Fire Marshal for permit as applicable.

The CONSULTANT must comply with all Pima County and ASFM adopted codes.

b. Schematic Design Phase:

Upon the COUNTY written approval of the Project Program, the CONSULTANT shall proceed to the Schematic Design Phase of the Project, which consists of drawings, outline specifications, calculations and other documents, which establish the general, scope, conceptual design, scale and relationships between components, and any other preliminary concern specific to the Project. Documentation for the Schematic Design Phase shall be prepared in sufficient detail and technical calculation necessary to proceed to the Design Development Phase of the Project.

Based on coordination with Pima County a Conceptual Plan/design shall be reviewed prior to the Schematic Design Submittal.

The CONSULTANT shall conduct an in-house quality review session with the design team prior to submission to the COUNTY. A document review session will be held with the COUNTY, Project Team and the CONSULTANT's team. The submittal shall consist of PDF and AutoCAD formats. The CONSULTANT shall prepare and submit a written response to each of the COUNTY's review comments from the previous submittal at this time.

Within one week after the submission of the Schematic Design Documents, the CONSULTANT shall submit to the COUNTY, a Statement of Probable Construction Cost. Provide a copy in electronic PDF format to the COUNTY, with itemized costs for materials and labor for each portion of the construction. Approval of the Schematic Design Phase by the COUNTY is necessary before proceeding on to the Design Development Phase of the Project.

c. Design Development Phase:

The CONSULTANT shall proceed with the Design Development Documents, only on written approval by the COUNTY. This Phase consists of drawings and other documents necessary to describe the size and character of the entire Project as to architectural, structural, mechanical, plumbing and electrical systems, materials, and such other disciplines and essentials as may be appropriate. Design Development Documents shall be submitted to the COUNTY for review and approval.

The CONSULTANT shall conduct an in-house quality review session with the design team prior to submission to the COUNTY. A document review session will be held with the COUNTY, Project team and the CONSULTANT's team. The submittal shall consist of PDF and AutoCAD. The CONSULTANT shall prepare and submit a written response from the previous submittal to each of the COUNTY's review comments at this time.

Within one week of the submission of the Design Development Documents, the CONSULTANT shall submit an Estimate of Construction Cost. Provide in electronic PDF format to the COUNTY, with itemized costs for materials and labor for each portion of the construction. The CONSULTANT must receive from the COUNTY written approval of the Design Development documents before proceeding to the Construction Document phase.

d. Construction Documents Phases (50% and 90% Completion):

The CONSULTANT shall prepare from the approved Design Development Documents, 50% and 90% completed Construction Documents, including Drawings and Specifications (50% & 90% level for all disciplines), setting forth in detail the requirements for the construction of the entire

Project, including coordination of the various applicable disciplines such as utilities, and shall be familiar with the standard Pima County Bidding Instructions of the Contract. The COUNTY's Project Manager will supply these Instructions to the CONSULTANT. The CONSULTANT shall coordinate with the COUNTY on the Project's General Requirements to be included in the Project Manual.

The CONSULTANT and/or sub-consultants with the County's Project Manager shall meet with local and State Agencies to review and verify architectural and engineering documents. This includes, however is not limited to, consultation with Pima County Development Services, Arizona Office of State Fire Marshal, other agencies and the utility service providers as applicable. The CONSULTANT shall conduct an in-house quality review session with the design team prior to submission to the COUNTY. A document review session, "page-turn", will be held with the COUNTY, Project Team and the CONSULTANT's team to review details of the submittal, answer questions and discuss solutions to design challenges. The COUNTY will provide review comments from these sessions.

The submittal shall consist of PDF and AutoCad formats with specific details of the submittal, in terms of numbers and sizes of copies, as determined by the COUNTY prior to the submittal. The CONSULTANT shall prepare and submit a written response to each of the COUNTY's review comments at this time.

Within one (1) week of each submission of the Construction Documents, the CONSULTANT shall submit a revised Estimate of Construction Cost. Provide itemized costs for materials and labor for each portion of the construction.

The CONSULTANT must receive from the COUNTY written approval of each Construction Documents Phase before proceeding to the next Construction Document Phase.

e. Construction Documents Phases (100% Completion):

The CONSULTANT shall develop from the 90% Construction Documents, the 100% Construction Document submission to be submitted by the COUNTY's Project Manager for obtaining the building permits and beginning the procurement process to obtain a General Contractor and furniture procurement. This submission includes drawings and full specifications, calculations and product cut sheets setting forth in detail the requirements for the construction of the entire Project, including coordination of the various applicable disciplines such as utilities, and shall be familiar with the standard Pima County Bidding Instructions and the General Conditions of the Contract. The CONSULTANT shall conduct an in-house quality review session prior to submission to the COUNTY.

At the time of submission for building permit, the CONSULTANT shall coordinate with the COUNTY Project Manager what is required to be delivered to the permit authorities.

The CONSULTANT shall provide the COUNTY with all required documentation for submittal for the Construction Permit, or any other permits, or review processes required by said governmental authorities. These documents shall include completed permit applications, checklists, CONSULTANT Consent Form, plans, specifications, special inspection certificates (if necessary), energy code compliance calculations, and other calculations. The COUNTY will submit these documents to Development Services and other agencies for permit review.

The CONSULTANT shall provide an updated LEED Scorecard at this time.

The CONSULTANT at this time shall submit the written responses from the previous submittal's comments. Pima County will review prior to approving the submittal to proceed to the bidding and permitting phase. The CONSULTANT must receive from the COUNTY's Project Manager's

written approval of the Completed Construction Documents before proceeding to the next phase. Upon approval of the submittal, CONSULTANT shall make any required changes during the Bidding Phase by Addendum/Addenda.

f. Bidding Phase:

The CONSULTANT shall assist the COUNTY in answering any questions that may arise from bidders pertaining to the Construction Document. Should Addenda become necessary, the CONSULTANT shall prepare and distribute same with direction provided by the COUNTY's Project Manager. The CONSULTANT will assist in the review of bids to help determine the most advantageous bid to the COUNTY and for recommending that bid for award by the Pima County Board of Supervisors.

A Pre-Bid Conference shall be part of the Bidding Documents Phase, and CONSULTANT shall attend this conference, to which all potential bidders shall be invited.

g. Construction Administration Phase of the Construction Contract:

Whenever the term "Contract" is used herein, it shall mean the Construction Contract awarded by the Board of Supervisors of Pima County, Arizona, and as the same may hereinafter be amended with approval of both parties after review by the CONSULTANT.

The term "Contractor" as used herein shall mean the party entering into a contract with COUNTY for the construction of the Project defined by the Construction Documents.

CONSULTANT's Construction Administration Phase shall commence with the pre-construction meeting/notice-to-proceed to the General Contractor and will terminate Sixty (60) days following issuing of the Certificate of Substantial Completion. CONSULTANT's Construction Administration Services, beyond the completion time period specified above shall require specific written approval by the COUNTY by written amendment to this agreement.

The CONSULTANT shall provide administration of the Construction Contract as set forth in the Construction Contract and General Conditions of the Owner-Contractor Construction Contract. The extent of the CONSULTANT duties and responsibilities and the limitations of his authority as assigned thereunder shall not be modified without the written consent of the CONSULTANT, and that of the COUNTY.

The CONSULTANT, as the representative of the COUNTY during the Construction Phase, shall advise and consult with the COUNTY. All of the COUNTY instructions to the Contractor shall be issued through the CONSULTANT. The CONSULTANT shall have authority to act on behalf of the COUNTY to the extent provided in this Agreement, the Construction Contract, and the General Conditions, unless otherwise modified in writing.

The CONSULTANT shall at all times have access to the Work whenever it is in preparation or progress.

The CONSULTANT shall make sufficient visits to the site so as to ascertain the progress and quality of the Work and to determine if the Work is proceeding in accordance with the Contract Documents. SUB-CONSULTANTS to the CONSULTANT shall also furnish periodic written records of their inspection of the Work, which shall be submitted to the COUNTY, through the CONSULTANT, for the COUNTY files.

The CONSULTANT shall chair a weekly construction meeting on site with Contractor and the COUNTY and provide written minutes of the meetings to all attendees.

The CONSULTANT shall not be responsible for construction means, methods, techniques, or

procedures in connection with the Work, nor shall he be responsible for the Contractor's failure to carry out the Work in accordance with the Contract Documents; for the acts or omissions of the Contractor, or Subcontractors agents or employees.

However, the CONSULTANT shall immediately notify the COUNTY if the Contractor is failing to carry out the work in accordance with the Contract Documents, and shall immediately notify the Contractor of work not in compliance with the Contract Documents. The CONSULTANT shall prepare a list of critical construction inspection times and items to be inspected, and said schedule shall be made part of the successful Contractor's required performance. Notwithstanding any provisions of previous paragraphs, and based on such observations at the site and on the Contractor's Applications for Payment, the CONSULTANT shall determine the amount owing to the Contractor and certify the payment of such amounts on the Contractor's Applications for Payment.

The Certification of the Application for Payment shall constitute a representation by the CONSULTANT to the COUNTY based on the CONSULTANT's observations of the site and on the data comprising the Application for Payment, that the Work has progressed to the point indicated; that to the best of the CONSULTANT's knowledge, information and belief, that the quality of the Work is in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole upon Substantial Completion; to the results of any subsequent tests required by the Contract Documents; to minor deviations from the Contract Documents correctable prior to completion; and to the specific qualifications stated in the Certificate for Payment) and that the Contractor is entitled to payment in the amount certified. When the Contractor has made proper application therefore, the CONSULTANT shall forward the certified Application for Payment to the COUNTY.

The CONSULTANT may decline to approve an Application for Payment and may withhold the Application in whole or in part, if in the CONSULTANT's opinion he is unable to make representations to COUNTY as provided in the above paragraph. The CONSULTANT may also decline to approve any Applications for Payment, or, because of subsequently discovered evidence or subsequent inspections, he may nullify the whole or any part of any Certificate for Payment previously issued to such extent as may be necessary in his opinion to protect the COUNTY from loss because of:

Defective work not remedied, or;

Claims filed, or reasonable evidence indicating probable filing of claims, or;

Failure of the Contractor to make payments to sub-contractors for labor, materials or equipment, or;

Reasonable doubt that the Work can be completed for the unpaid balance of the Contract Sum, or;

Damage to another contract, or;

Reasonable indication that the Work will not be completed within the Contract Time, or;

Unsatisfactory execution of the Work by the Contractor.

When the above grounds are removed, payment shall be made for amounts withheld because of them.

The CONSULTANT may, on request, and at his discretion, furnish to any sub-contractor, if practicable, information regarding percentages of completion certified by the Contractor on account of Work done by such sub-contractors.

The CONSULTANT shall be, in the first instance, the interpreter of the requirements of the Contract Documents and of the performance there under by both the COUNTY and Contractor. The CONSULTANT shall recommend decisions on all claims from the COUNTY or Contractor relating to the execution and progress of the work on all other matters or questions related thereto.

CONSULTANT shall provide requirements for review materials testing and special inspections. The CONSULTANT shall also review testing and observations reports for compliance with buildings codes and the Contract Documents. The CONSULTANT shall notify the owner of any discrepancies and assist with the COUNTY on determining a solution. Testing will be contracted with and paid by Pima County independently of this contract.

The CONSULTANT shall have the authority to reject Work, which does not conform to the Contract Documents, and to require, if in his opinion necessary, special inspection or testing of any Work at any stage of progress. The CONSULTANT shall also notify the COUNTY of the necessity to require the Contractor to stop the Work whenever, in his opinion, it may be necessary for the proper performance of the Contract. The COUNTY, when necessary, shall issue the order to stop the Work.

The CONSULTANT shall review and approve shop drawings, samples, and other submissions of the Contractor with reasonable promptness. The CONSULTANT shall furnish any requested additional instructions in writing, by means of drawings, or otherwise, necessary for the proper execution of the Work. All such instructions or drawings shall be consistent with the Contract Documents, true developments thereof, and reasonably inferable therefrom.

The CONSULTANT shall make minor changes in the Work not involving extra cost, delay, or claim of any kind against the COUNTY and/or Contractor, and not inconsistent with the purposes of the Project. Otherwise, except in an emergency endangering life or property, the CONSULTANT shall prepare and process no extra work or change except by WRITTEN approval and Change Order signed by the COUNTY. The CONSULTANT shall review and respond to said Change Orders as well as any Request for Proposals to the Contractor.

The CONSULTANT shall produce, and determine, the date of issuance of the Certificates of Substantial Completion and Final Completion shall receive written guarantees, waiver of liens, and related documents assembled by the Contractor, and shall issue a final Certificate for Payment.

At the conclusion of the Project, the CONSULTANT shall prepare a Record Drawing Package (electronic pdf and AutoCad as-built drawings) formatted per requirements of the COUNTY at the time of submission.

B. SCOPE OF SERVICES TO BE PROVIDED BY PIMA COUNTY

COUNTY shall provide the following items and services in support of the CONSULTANT'S work:

1. Cost of reproductions for all documents as listed in the Contract, which are used for meetings with COUNTY representatives, and as requested by the COUNTY's Project Manager. Reproduction costs which are used for coordination purposes between the CONSULTANT's team members will not be paid for by the COUNTY.
2. Cost of reproductions for all documents required for bidding and construction, shall be with vendors having a purchase order with the COUNTY.
3. Cost of geotechnical investigations, materials testing and special inspections (as needed) based on Project requirements defined by CONSULTANT.

4. A Project Manager and Interior Designer from Facilities Management assigned to work with the CONSULTANT.
5. Any Design Standards, building Materials and Finishes Standards desired by the COUNTY; furniture design and selection.
6. Any information available regarding utilities and services, or any other project specific information as required. This does not limit or negate the requirement of the CONSULTANT to verify the field conditions;
7. Any reports and/or mitigation regarding the presence of hazardous materials on the property. In the event that hazardous materials are encountered, the COUNTY will contract directly with Abatement Consultants and Contractors for remediation, should that be necessary.
8. Apply for and pay Pima County Development Services building permit fees to include Wastewater fees and Arizona State Fire Marshal construction permit application and fees.
9. Consultation with Pima County officials as required.

C. SERVICE CRITERIA

1. The CONSULTANT shall be required, during the course of this Contract, to follow the normal work procedures and criteria listed below:
 - a. Meet with the COUNTY's Project Manager and others concerned with the project to refine the Scope of Work.
 - b. The CONSULTANT shall be responsible for the completeness and accuracy of all services rendered under this Contract.

(Remainder of page left intentionally blank)

MAP OF THE AREA



END EXHIBIT "A-2"



March 18, 2019

Pima County Procurement Department
Design and Construction Division
130 West Congress Street, 3rd Floor
Tucson, Arizona 85701

Attn: Diana Pollard, Architect

Re: Architectural and Engineering Design Services
Pima County Defense Services Building – Juvenile Courts
Revised Proposal

Dear Diana:

BWS Architects is in receipt of your letter dated February 19, 2019 and acknowledges PCFM's approval to proceed into the Design Development Phase and as request is providing a list of fee credits for Items 1, 3, 6, 7 and 8. The fee reductions are provided by discipline and not by individual item. See attached Fee Summary and revised hourly back up.

Please note that these credits do not yet include the Chiller replacement fee adjustment pending resolution of the scope of work. The Chiller Replacement design effort is approximately 13% complete. Also, although PCFM did not take the Optional Commissioning Service, please note that is would also be reduced from \$16,000 to \$10,000.

A. Revised Compensation:

A Cost Plus Fixed Fee of **\$387,953** per the attached Fee Development Worksheets and distributed as follows:

Existing Conditions Survey (including topographical survey)	\$13,663
Program Verification	\$9,554
Schematic Design	\$54,459
Design Development	\$80,804
Construction Documents	\$105,049
Bidding and Permitting	\$13,690
<u>Construction Administration:</u>	<u>\$110,734</u>
Total:	\$387,953

Or a CREDIT of \$68,070

BURNS WALD-HOPKINS SHAMBACH ARCHITECTS
261 North Court Avenue
Tucson, Arizona 85701
520.795.2705 Fax 520.795.6171
www.bwsarchs.com

B. Reimbursable Expenses: Miscellaneous direct expenses such as printing, copying, shipping, mileage, etc. will be billed additionally at cost per Exhibit B Compensation Schedule. We have anticipated no hard copy sets will be required by Pima County at any submittal. We have estimated printing costs for presentations at SD and DD and printing for quality control. We anticipate those costs to be less than \$2,000 (See attached Reimbursable Spreadsheet and ARC Pricing List). We estimate all reimbursable costs for the projects not to exceed, **\$5,000**.

C. Design Fee Contingency: As requested we will include a not to exceed allowance for Pima County's use to cover any unforeseen design team services not yet defined.

Design Fee Contingency: **\$27,661**

GRAND TOTAL: **\$420,614**

B. Additional Services

Services beyond those specifically identified above will be considered Additional Services and will be compensated additionally at an hourly rate or as negotiated. Services might include:

- Hazardous Material Testing
- Revisions to previously approved drawings
- Significant increases in project scope
- Sewer lift pump design
- Active rain water harvesting
- Full Fire Sprinkler hydraulic calculations or piping/head layout (Performance Based Design Provided per PC SOW)
- LEED Documentation for Certification (LEED Scorecard will be provided per PC SOW)
- Assistance with utility rebates
- Energy model to estimate energy use or life cycle cost estimates
- Commissioning services (See Optional Services below)
- Professional Grade Renderings or Models (see Optional Services below)

C. Hourly Rates

Please see attached schedule of hourly rates for the architectural engineering team.

D. Optional Services

1. Professional Renderings and Models: We have included renderings as indicated above based on our in-house software. Fees for professional grade photo realistic renderings or scale physical models are available upon request.

2. Commissioning: We will Code Required Commissioning. Please note that this can be specified and provided as a requirement of the general contractor using the engineer of record or a certified commissioning agent.

Compensation: A Cost Plus Fixed Fee of \$10,000

Owner-furnished Services

We understand that the Pima County will be responsible for the following services:

Interior Design Services including Interiors Furniture, Fixtures and Equipment (AE will design and specify building lighting and plumbing fixtures)
Hazardous Materials Testing
Geotechnical Testing and Recommendations
Environmental assessments
Payment of all permits and fees
Construction testing and special inspections
Printing of Construction Documents for permitting, bidding and construction purposes

We look forward to receiving your approval for this revised proposal.

Sincerely,

BWS Architects

A handwritten signature in black ink, appearing to read "Robin Shambach". The signature is fluid and cursive, with a large initial "R" and a long, sweeping underline.

Robin Shambach AIA LEED AP
Principal

August 15, 2018
March 19, 2019
Pima County
Defense Services - Juvenile Courts
FEE SUMMARY

BASIC SERVICES

REVISED

BWS Architects	\$201,194	\$172,296
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Consultants

KC MECH	\$40,500	\$33,900
MEI Electrical/IT	\$70,086	\$45,805
Grenier Structural	\$32,542	\$28,241
Grenier (Civil including Hydrology)	\$32,504	\$29,514
McGann (Landscape)	\$19,900	\$18,900
Compusult Estimating	\$31,514	\$31,514
Grenier (Survey)	\$7,214	\$7,214
Chiller Replacement	\$12,600	\$12,600
Access Control/ AV Systems	\$7,969	\$7,969

Subtotal Consultants Fee	\$254,829	\$215,657
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Total	\$456,023	\$387,953
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Reimbursable Expenses	\$5,000	\$5,000
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Total	\$461,023	\$392,953
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Design Fee Contingency @6%	\$27,661	\$27,661
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GRAND TOTAL	\$488,684	\$420,614
--------------------	------------------	------------------

Date:
Project
BWS Architects

08/15/19
Pima County Defense Services - Juvenile Court

ITEM	Principal	Project Designer	Project Architect	Specifier	Architectural Designer	Admin/Cerical	TOTALS
Hourly Rate	51.00	51.00	40.38	34.23	25.84	25.66	
Existing Conditions Survey	2	3	4	2	8	1	20
Program Verification	8	12	8	2	8	2	40
Schematic Design	30	80	50	20	40	8	228
Design Development	40	56	90	30	40	8	264
Construction Documentation:							
50% CD Review Documents	20	20	100	20	90	2	252
90% CD Review Documents	20	20	100	12	40	2	194
Permit/Bid Documents	5	4	20	8	20	2	59
Bidding and Negotiation	5	4	30	16	16	6	77
Construction Administration	38	32	250	72	24	8	424
Record Drawings	2	0	16	8	16	4	46
Total Hours	170	231	668	190	302	43	1,604
LABOR EXTENSION	\$ 8,670	\$ 11,781	\$ 26,974	\$ 6,504	\$ 7,804	\$ 1,146	\$ 62,879
Overhead 1 + 1 50	\$ 13,005.00	\$ 17,671.50	\$ 40,460.76	\$ 9,755.55	\$ 11,705.52	\$ 1,719.57	\$ 94,317.9
SUB-TOTAL LABOR	\$ 21,675.0	\$ 29,452.5	\$ 67,434.6	\$ 16,259.3	\$ 19,509.2	\$ 2,866.0	\$ 157,196.50
PROFIT @ 10%	\$ 2,167.50	\$ 2,945.25	\$ 6,743.46	\$ 1,625.93	\$ 1,950.92	\$ 286.60	\$ 15,720
TOTAL	\$ 23,843	\$ 32,398	\$ 74,178	\$ 17,885	\$ 21,460	\$ 3,153	\$ 172,916

KC MECHANICAL ENGINEERING, L.L.C.

March 12, 2019

Ms. Robin Shambach, AIA
Burns Wald-Hopkins Shambach Architects
261 North Court Ave.
Tucson, Arizona 85701

Re: Pima County Defense Services Building – Revised Fee Proposal
KC Mechanical Project Number 18331

Dear Robin,

Our scope of work for the DD, CD, and CA phases of this project based on the 2/19/19 letter and email from Diana Pollard. The following is our understanding of the revised scope of work:

- New 14,000 sf single story Defense Services Building
- Remodel existing 5,500 sf of the Public Defenders space in the Legal Services Building
- 2,500-3,000 sf Addition to the Legal Services Building

Our current fee for this project is as follows:

Program Verification	\$ 2,800.00 (completed)
Schematic Design	\$ 8,700.00 (completed)
Design Development	\$10,400.00
Construction Documents	\$13,300.00
<u>Construction Administration</u>	<u>\$ 5,300.00</u>
Total Professional Fee	\$40,500.00

Documents to Replace Chillers \$12,600.00 (13% completed)
Excludes the required electrical engineering

Commissioning \$16,000.00

Note that commissioning can be provided
by the contractor and bid using the
engineer of record or certified
commissioning agent.

Based on this new scope of work, our revised fee proposal will be as follows:

New 14,000 sf Defense Services Building

Program Verification	\$ 2,800.00 (completed)
Schematic Design	\$ 8,700.00 (completed)
Design Development	\$10,000.00
Construction Documents	\$10,400.00
Construction Administration	\$ 2,000.00
Total Professional Fee	\$33,900.00

~~Remodel and Addition to Legal Services Building~~

Design Development	\$2,200.00
Construction Documents	\$2,600.00
Construction Administration	\$1,800.00
Total Professional Fee	\$6,600.00

Documents to Replace Chillers \$12,600.00 (13% completed)
Excludes the required electrical engineering

Commissioning \$10,000.00
Note that commissioning can be provided
by the contractor and bid using the
engineer of record or certified
commissioning agent.

If this proposal is acceptable, please sign and return a copy to our office or provide an amended AIA Agreement.

Sincerely,
KC Mechanical Engineering, LLC

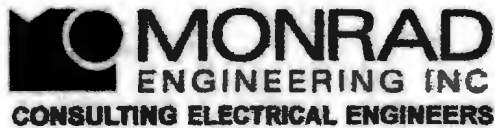


Kenneth M. Cawthorne, PE

Proposal Accepted:

Robin Shambach, AIA
Burns Wald-Hopkins Shambach Architects

Date



1926 East Ft. Lowell Road, Suite 200
Tucson, Arizona 85719-2391 (520) 884-0045 Voice



Principals:

Fernando Galvez, P.E., RCDD, CTM

Christian K. Monrad, P.E., LEED® AP

Lawrence E. Monrad, P.E., Emeritus

25 July 2018 (Revised 10 August 2018 & 11 March 2019)

BWS
261 N. Court Avenue
Tucson, AZ 85701

Attention: Mrs Robin Shambach

Subject: Pima County Defense Services Building – Electrical, Fire Alarm,
Telecommunications, Access Control, and Audio Video Engineering

Gentlemen:

As requested, we submit for your approval our cost proposal for the subject project. We include the following items:

- o Task Description, Manhour Estimate and Fee Breakdown.

In accordance with our discussions and communications to date, Monrad Engineering, Inc. confirms that our service includes the following project Scope of Services:

BASIC DESIGN, BIDDING, and CA SERVICES for Electrical

Electrical: Power, lighting, site lighting, fire alarm, and telecommunications engineering services as outlined in Pima County Scope of Professional Services dated 16 July 2018 Exhibit A, and Exhibit B and PCFM letter dated 19 February 2019. Telecommunications includes equipment racks, patch panels, jacks, cabling, pathways, and spaces

For performing these services, we are requesting an hourly not to exceed task order in the amount of \$ 45,805

**BROAD VISION.
PROFESSIONALLY MANAGED.
PROVEN EXCELLENCE**

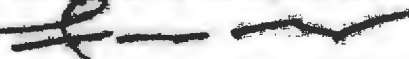


**OPTIONAL ADDITIONAL DESIGN, BIDDING, and CA SERVICES
for Access Control & Audio Video Systems**

Access control, audio, and video engineering services as outlined in Pima County Scope of Professional Services dated 16 July 2018 Exhibit A, and Exhibit B. Audio Video systems design is for simple systems in small conference and small meeting rooms and includes audio/video equipment, cabling, and pathways. Access control includes door controller, door lock power supplies, Lan module, card reader, cabling, and pathways.

For performing these services, we are requesting an hourly not to exceed task order in the amount of \$ 7,969

Very truly yours,
MONRAD ENGINEERING, INC.



Fernando Galvez, P.E., RCDD, CTM

APPROVED:

BWS Architects

Date

Date: 25 July 2018 (Revised 10 August 2018 & 11 March 2019)

Project: Pima County Defense Services Building

Monrad Engineering, Inc.

BASIC SERVICES Electrical: Power, Lighting, Site Lighting, Fire Alarm, Telecommunications

ITEM	Principal	Project Manager	Project Engineer	Senior Designer	Designer	Drafter	Admin/Cerical	TOTALS
Hourly Rate	69.35	0.00	0.00	36.43	0.00	32.96	28.11	
Existing Conditions Survey	8	0	0	8	0	0	0	16
Program Verification	11	0	0	22	0	0	7	40
Schematic Design	14	0	0	28	0	28	5	75
Design Development	10	0	0	16	0	28	0	54
Construction Documentation:								
50% CD Review Documents	10	0	0	16	0	24	5	55
90% CD Review Documents	5	0	0	11	0	16	6	38
Permit/Bid Documents	4	0	0	6	0	15	3	28
Bidding and Negotiation	4	0	0	6	0	4	3	17
Construction Administration	14	0	0	24	0	6	4	48
Record Drawings	1	0	0	2	0	9	0	12
Total Hours	81	0	0	139	0	130	33	383
LABOR EXTENSION	\$ 5,617	\$ -	\$ -	\$ 5,064	\$ -	\$ 4,285	\$ 928	\$ 15,894
Overhead (162%)	\$ 9,100			8203		6941	1503	\$ 25,747.6
SUB-TOTAL LABOR	\$ 14,717			13267		11226	2430	\$ 41,641
PROFIT @ 10%	\$ 1,472			1327		1123	243	\$ 4,164
TOTAL	\$ 16,189			14594		12349	2673	\$ 45,805



GRENIER ENGINEERING, INC.
Professional Engineering Consultants

March 18, 2019

BWS Architects
Attn: Robin Shambach
261 North Court Avenue
Tucson, Arizona 85701

Pima County Defense Services Building – Juvenile Courts – Revised SF Version

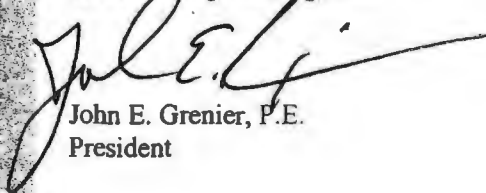
Scope of Work per your email dated 2/22/19.

Revised Compensation:

Structural – Schematic Design - \$ 3964
Design Development - \$ 6450
50% CD – \$ 4824
90% CD – \$ 4494
Permit/Bid Documents – \$ 1865
Meetings - \$ 1974
Bidding & Negotiation – \$ 570
Construction Administration – \$ 4321
Record Drawings – \$ 379
Total = \$ 28,841

Civil – Existing Conditions Survey & Review– \$ 7270
Hydrology Report - \$ 7876
Schematic Design - \$ 2722
Design Development - \$ 3572
50% CD – \$ 4269
90% CD – \$ 3983
Permit/Bid Documents – \$ 1630
Meetings - \$ 2387
Bidding & Negotiation – \$ 197
Construction Administration – \$ 2566
Record Drawings – \$ 312
Total = \$ 36,784

Sincerely,
Grenier Engineering, Inc.



John E. Grenier, P.E.
President

Date:	Juvenile Courts - Revised SF Version						STRUCTURAL-Revised
Project							
ITEM	Principal	Project Manager	Project Engineer	Senior Designer	Drafter	Admin/Cerical	TOTALS
Hourly Rate	54	44	41	28	28		
Existing Conditions Survey	0	0	0	0		0	0
Program Verification	0	0	0	0	0	0	0
Schematic Design	12	12	4	6	10	0	44
Design Development	14	18	7	14	24	0	77
Construction Documentation:							
50% CD Review Documents	6	12	5	10	30	0	63
90% CD Review Documents	6	15	5	10	20	0	56
Permit/Bid Documents	4	8	4	0	4	0	20
Meetings		20					20
Bidding and Negotiation	4	1	0	0	0	0	5
Construction Administration	8	27	8	0	0	0	43
Record Drawings	0	2	0	0	3	0	5
Total Hours	54	115	33	40	91	0	333
LABOR EXTENSION	\$ 2,900	\$ 5,108	\$ 1,349	\$ 1,120	\$ 2,503	#VALUE!	\$ 12,980
Overhead (102%)	\$ 2,958.35	\$ 5,210.47	\$ 1,375.68	\$ 1,142.40	\$ 2,552.55	#VALUE!	\$ 13,239.4
SUB-TOTAL LABOR	\$ 5,859	\$ 10,319	\$ 2,724	\$ 2,262	\$ 5,055		\$ 26,219.30
PROFIT @ 10%	\$ 585.87	\$ 1,031.88	\$ 272.44	\$ 226.24	\$ 505.51		\$ 2,622
TOTAL							\$ 28,841

Date:
Project

Juvenile Courts - Revised SF Version

CIVIL - Revised

[illegible]



McGann & Associates

Landscape Architects and Planners

6814 North Oracle Road, Suite 210, Tucson AZ 85704 Tel: 520-297-9540 Fax: 520-297-9545 www.mcgannland.com

March 4, 2019

Robin Shambach
BWS Architects
261 North Court
Tucson, Arizona 85701

**Ref: Fee Adjustment Proposal - Scope Modifications
Pima County Juvenile Court Defense Services Building**

Dear Robin,

Per your request we are submitting this proposal for an adjustment to our fee for professional landscape architectural services related to the above referenced project.

We propose a deduction to our current fee for the elimination of the west parking lot and for a general reduction in scope at the proposed Defense Services Building project.

We propose an addition to our fee for the work associated with an addition to the existing building at 2237 East Ajo Way. Scope additions include: potential additions to the Native Plant Preservation work the preparation of plans for new plantings and irrigation in the vicinity of the proposed building addition and expanded parking lot.

Our proposed fee adjustments are as follows:

• Original Fee	\$19,900.00
• Deductions	\$1,000.00
• Additions	\$500.00
<hr/>	
• Adjusted Fee	\$19,400.00

Worksheets outlining staff hours and expenses associated with these changes are attached. Please let me know if you have any questions or need any additional information.

Sincerely,


Donald McGann
McGann & Associates

x.c. File 18-1113

Proposal Worksheet						
Project:		Pima County Juvenile Courts Defense Services Building				
Task / Phase		Scope Modifications - Deducts				
Date:		2/4/2019				
Client:		BWS Architects				
Reviewed by:		DKM				
Task:	Principal	Land.Arch.	Land. Des.	CAD Tech	Clerical	Task Hrs.
1 Eliminate Field Work West Parking NPPP	0.0	1.5	1.5	0.0	0.0	3.0
2 Reduced Scope - NPPP Document	0.0	1.5	1.5	0.0	0.0	3.0
3 Reduced Scope - Landcape Plans	0.0	0.5	0.0	1.5	0.0	2.0
4 Reduced Scope - Irrigation Plans	0.0	1.0	0.0	1.5	0.0	2.5
5 Details and Schedules	No Change					0.0
6 Specifications	No Change					0.0
7 Meetings	No Change					0.0
8 Construction Phase Site Visits / Reports	0.0	1.5	0.0	0.0	0.0	1.5
9						0.0
10						0.0
11						0.0
12						0.0
13						0.0
14						0.0
15						0.0
16						0.0
17						0.0
18						0.0
19						0.0
20						0.0
21						0.0
22						0.0
23						0.0
24						0.0
25						0.0
Total Hours	0.0	6.0	3.0	3.0	0.0	12.0
Hourly Rate	\$135.00	\$100.00	\$75.00	\$58.00	\$55.00	
Cost	\$0.00	\$600.00	\$225.00	\$174.00	\$0.00	
Labor Cost This Page	\$999.00					
Materials and Supplies - Total	\$0.00		Subconsultants - Total	\$0.00		
Misc.		\$0.00	Civil			\$0.00
			Electrical			\$0.00
Reproduction - Total	\$1.00		Structural			\$0.00
In-House Plotting		\$0.00	Biological			\$0.00
Large Format Copies		\$0.00	Other			\$0.00
Xerox		\$1.00				
Other		\$0.00	Auto Use / Car Rental	\$0.00		
			Rented			\$0.00
Miscellaneous Expenses - Total	\$0.00		Personal	0 Miles x \$0.45		\$0.00
Other		\$0.00				
Other		\$0.00				
PROJECT TOTAL	\$1,000.00					

Proposal Worksheet							
Project:		Pima County Juvenile Courts Defense Services Building					
Task / Phase		Scope Modifications - Additions					
Date:		2/4/2019					
Client:		BWS Architects					
Reviewed by:		DKM					
	Task:	Principal	Land.Arch.	Land. Des.	CAD Tech	Clerical	Task Hrs.
1	NPPP Field Work - New Addition / Parking	0.0	0.5	0.0	0.0	0.0	0.5
2	Expanded Scope - NPPP Document	0.0	0.5	0.0	0.0	0.0	0.5
3	Landscape Plans	0.0	0.5	0.0	1.5	0.0	2.0
4	Irrigation Plans	0.0	0.5	0.0	1.5	0.0	2.0
5	Details and Schedules	No Change					0.0
6	Specifications	No Change					0.0
7	Meetings	No Change					0.0
8	Services during Construction	0.0	1.0	0.0	0.0	0.0	1.0
9							0.0
10							0.0
11							0.0
12							0.0
13							0.0
14							0.0
15							0.0
16							0.0
17							0.0
18							0.0
19							0.0
20							0.0
21							0.0
22							0.0
23							0.0
24							0.0
25							0.0
Total Hours		0.0	3.0	0.0	3.0	0.0	6.0
Hourly Rate		\$135.00	\$100.00	\$75.00	\$58.00	\$55.00	
Cost		\$0.00	\$300.00	\$0.00	\$174.00	\$0.00	
Labor Cost This Page		\$474.00					
Materials and Supplies - Total		\$0.00		Subconsultants - Total		\$0.00	
	Misc.		\$0.00	Civil			\$0.00
				Electrical			\$0.00
	Reproduction - Total	\$26.00		Structural			\$0.00
	In-House Plotting		\$20.00	Biological			\$0.00
	Large Format Copies		\$0.00	Other			\$0.00
	Xerox		\$6.00				
	Other		\$0.00	Auto Use / Car Rental		\$0.00	
				Rented			\$0.00
	Miscellaneous Expenses - Total	\$0.00		Personal	0 Miles x \$0.45		\$0.00
	Other		\$0.00				
	Other		\$0.00				
PROJECT TOTAL		\$500.00					



March 19, 2019

**Pima County Procurement Department
Design and Construction Division
130 West Congress Street, 3rd Floor
Tucson, Arizona 85701**

Attn: Diana Pollard, Architect

**Re: Architectural and Engineering Design Services
Pima County Defense Services Building – Juvenile Courts -Office of Children’s Council**

Dear Diana.

Per your email of February 22, 2019 BWS Architects is pleased to present our proposal for additional architectural and engineering design services for the Pima County Defense Services Building – Juvenile Courts, Office of Children’s Council to be located at 2237 E. Ajo Way.

Project Scope

This proposal is in accordance with the scope of work and project requirements which were included in the Solicitation for Qualifications No. 297297 and attached Contract 297297 and Exhibits A and B revised July, 2018 and distributed with the Introduction to Negotiations dated July 16, 2018.

We understand Pima County will move the Office of Children’s Counsel to the existing Legal Services Building at 2237 E. Ajo Way, in the Public Defender’s space. The existing building is approximately 5,500 GSF so it will require an addition of 2,500 – 3,000 GFS to accommodate this division. We understand that the construction budget for this project is \$1.6M.

We understand it will be incorporated into the Construction Documents of the Public Defense Services project and will be bid as a single project in phases to accommodate the appropriate move schedule for County staff.

Project Schedule

Please see attached Project Schedule.

Scope of Services

Based on the Scope of Project we will provide the following services:

We will provide architectural and engineering services including structural, mechanical & plumbing, electrical, civil engineering and landscape architecture services. We will provide Access Control and Audio-Visual Systems. We will provide telecommunications systems services.

BURNS WALD-HOPKINS SHAMBACH ARCHITECTS

261 North Court Avenue

Tucson, Arizona 85701

520.795.2705 Fax 520.795.6171

www.bwsarchs.com

Existing Conditions Survey:

We will visit the project site, photograph the existing conditions and provide site analysis. We will provide a topographic survey per Exhibit A Revised July 2018.

Schematic Design. During this phase we will prepare a complete Schematic Design package for the building improvements, including drawings, outline specifications, building systems narratives, LEED Scorecard and an estimate of probable construction cost. We will provide an exterior rendering representing building form developed with in house software.

Design Development Phase. After review, comments and Authorization to Proceed to this phase we will develop the design to include preliminary Construction Drawings and Specifications for building system coordination and Pima County progress review. We will provide a LEED Scorecard and an estimate of probable construction cost. We will provide an exterior rendering and an interior rendering representing building form, materials and finishes developed with in house software.

Construction Document Phase. We will prepare Construction Drawings and Specifications, including a review sets at 95% and 50% completion for progress review and quality control. We will prepare estimates of probable cost for these submittals and recommend bid alternates as appropriate. We will provide a LEED Scorecard.

Permitting and Bidding. We will assist Pima County in submittal of documents to appropriate agencies including Pima County Development Services and the Arizona State Fire Marshal. We will incorporate review comments and revisions into the final Construction Documents. We will assist Pima County in their procurement process, attend the Pre-Bid meeting, respond to Bidders' questions and prepare addenda as required.

Construction Administration. We will attend regular construction meetings and prepare meeting minutes. We anticipate construction to take approximately 12 months and we have included about 48 on-site construction meetings.

We will review shop drawings and submittals and contractor proposals, if required. We will also respond to Requests for Information. We will review close out documents including Contractor-provided as-built drawings and provide Record Drawings based upon the Contractor provided "As-built" drawings.

A. Compensation:

A Cost Plus Fixed Fee of **\$130,022** per the attached Fee Development Worksheet and distributed as follows:

Existing Conditions Survey (including topographical survey)	\$ 9,691
Schematic Design	\$15,141
Design Development	\$26,430
Construction Documents	\$35,595
Bidding and Permitting	\$5,711
<u>Construction Administration:</u>	<u>\$37,454</u>
Total:	\$ 130,022

B. Reimbursable Expenses: Miscellaneous direct expenses such as printing, copying, shipping, mileage, etc. will be billed additionally at cost per Exhibit B Compensation Schedule. We have anticipated no hard copy sets will be required by Pima County at any submittal. We have estimated printing costs for presentations at SD and DD and printing for quality control. We anticipate those costs to be less than \$1,500 (See Reimbursable Spreadsheet and ARC Pricing List previously submitted). We estimate all reimbursable costs for the projects not to exceed, **\$3,000**.

GRAND TOTAL: **\$133,022**

B. Additional Services

Services beyond those specifically identified above will be considered Additional Services and will be compensated additionally at an hourly rate or as negotiated. Services might include:

- Hazardous Material Testing
- Revisions to previously approved drawings
- Significant increases in project scope
- Sewer lift pump design
- Active rain water harvesting
- Full Fire Sprinkler hydraulic calculations or piping/head layout (Performance Based Design Provided per PC SOW)
- LEED Documentation for Certification (LEED Scorecard will be provided per PC SOW)
- Assistance with utility rebates
- Energy model to estimate energy use or life cycle cost estimates
- Commissioning services (See Optional Services below)
- Professional Grade Renderings or Models (see Optional Services below)

D. Optional Services

1. Professional Renderings and Models: We have included renderings as indicated above based on our in-house software. Fees for professional grade photo realistic renderings or scale physical models are available upon request.

Owner-furnished Services

We understand that the Pima County will be responsible for the following services:

Interior Design Services including Interiors Furniture, Fixtures and Equipment (AE will design and specify building lighting and plumbing fixtures)
Hazardous Materials Testing
Geotechnical Testing and Recommendations
Environmental assessments
Payment of all permits and fees
Construction testing and special inspections
Printing of Construction Documents for permitting, bidding and construction purposes

Diana, we trust that this proposal addresses the requirements of your project, but please feel free to comment if you have any questions. We look forward to receiving your approval for this proposal.

Sincerely,

BWS Architects

A handwritten signature in black ink, appearing to read "Robin Shambach". The signature is fluid and cursive, with a large initial "R" and "S".

Robin Shambach AIA LEED AP
Principal

March 19, 2019

Pima County

Defense Services - Juvenile Courts - Office of Children's Council

FEE SUMMARY

BASIC SERVICES

BWS Architects	\$67,845
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Consultants

KC MECH	\$6,600
MEI Electrical/IT	\$19,677
Grenier Structural	\$7,731
Grenier (Civil including Hydrology)	\$12,427
McGann (Landscape)	\$500
Compusult Estimating (allowance)	\$10,000
Grenier (Survey)	\$5,242

Subtotal Consultants Fee	\$62,177
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Total	\$130,022
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Reimbursable Expenses	\$3,000
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Total	\$133,022
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Date: 03/19/19 Project: Pima County Defense Services - Juvenile Court - Office of Children's Council BWS Architects							
ITEM	Principal	Project Designer	Project Architect	Specifier	Architectural Designer	Admin/Cerical	TOTALS
Hourly Rate	51.00	51.00	40.38	34.23	25.84	26.66	
Existing Conditions Survey	2	2	4	0	4	0	12
Program Verification	0	0	0	0	0	0	0
Schematic Design	6	20	24	8	24	1	83
Design Development	8	16	40	12	36	1	113
Construction Documentation:							
50% CD Review Documents	4	12	30	20	60	1	127
90% CD Review Documents	4	12	24	12	36	1	89
Permit/Bid Documents	1	2	4	2	4	1	14
Bidding and Negotiation	1	2	8	4	4	1	20
Construction Administration	12	8	120	24	12	4	180
Record Drawings	1	0	8	4	16	2	31
Total Hours	39	74	262	86	196	12	669
LABOR EXTENSION	\$ 1,989	\$ 3,774	\$ 10,580	\$ 2,944	\$ 5,065	\$ 320	\$ 24,671
Overhead 1 + 1.50	\$ 2,983.50	\$ 5,661.00	\$ 15,869.34	\$ 4,415.67	\$ 7,596.96	\$ 479.88	\$ 37,006.4
SUB-TOTAL LABOR	\$ 4,972.5	\$ 9,435.0	\$ 26,448.9	\$ 7,359.5	\$ 12,661.6	\$ 799.8	\$ 61,677.25
PROFIT @ 10%	\$ 497.25	\$ 943.50	\$ 2,644.89	\$ 735.95	\$ 1,266.16	\$ 79.98	\$ 6,168
TOTAL	\$ 5,470	\$ 10,379	\$ 29,094	\$ 8,095	\$ 13,928	\$ 880	\$ 67,845

KC MECHANICAL
ENGINEERING, L.L.C.

March 12, 2019

Ms. Robin Shambach, AIA
Burns Wald-Hopkins Shambach Architects
261 North Court Ave.
Tucson, Arizona 85701

Re: Pima County Defense Services Building – Revised Fee Proposal
KC Mechanical Project Number 18331

Dear Robin,

Our scope of work for the DD, CD, and CA phases of this project based on the 2/19/19 letter and email from Diana Pollard. The following is our understanding of the revised scope of work:

- New 14,000 sf single story Defense Services Building
- Remodel existing 5,500 sf of the Public Defenders space in the Legal Services Building
- 2,500-3,000 sf Addition to the Legal Services Building

Our current fee for this project is as follows:

Program Verification	\$ 2,800.00 (completed)
Schematic Design	\$ 8,700.00 (completed)
Design Development	\$10,400.00
Construction Documents	\$13,300.00
Construction Administration	\$ 5,300.00
Total Professional Fee	\$40,500.00

Documents to Replace Chillers \$12,600.00 (13% completed)
Excludes the required electrical engineering

Commissioning \$16,000.00
Note that commissioning can be provided
by the contractor and bid using the
engineer of record or certified
commissioning agent.

Based on this new scope of work, our revised fee proposal will be as follows:

~~New 14,000 sf Defense Services Building~~

Program Verification	\$ 2,800.00 (completed)
Schematic Design	\$ 8,700.00 (completed)
Design Development	\$10,000.00
Construction Documents	\$10,400.00
Construction Administration	\$ 2,000.00
Total Professional Fee	\$33,900.00

Remodel and Addition to Legal Services Building

Design Development	\$2,200.00
Construction Documents	\$2,600.00
Construction Administration	\$1,800.00
Total Professional Fee	\$6,600.00

~~Documents to Replace Chillers~~ ~~\$12,600.00 (+3% completed)~~
~~Excludes the required electrical engineering~~

~~Commissioning~~ ~~\$10,000.00~~

~~Note that commissioning can be provided
by the contractor and bid using the
engineer of record or certified
commissioning agent.~~

If this proposal is acceptable, please sign and return a copy to our office or provide an amended AIA Agreement.

Sincerely,
KC Mechanical Engineering, LLC



Kenneth M. Cawthorne, PE

Proposal Accepted:

Robin Shambach, AIA
Burns Wald-Hopkins Shambach Architects

Date

MONRAD
ENGINEERING INC
CONSULTING ELECTRICAL ENGINEERS

1926 East Ft. Lowell Road, Suite 200
Tucson, Arizona 85719-2391 (520) 884-0045 Voice



Principals:

Fernando Galvez, P.E., RCDD, CTM
Christian K. Monrad, P.E., LEED® AP

Lawrence E. Monrad, P.E., Emeritus

12 March 2019

BWS
281 N. Court Avenue
Tucson, AZ 85701

Attention: Mrs Robin Shambach

Subject: Pima County Legal Services Building PD Remodel – Electrical, Fire Alarm, and
Telecommunications

As requested, we submit for your approval our cost proposal for the subject project. We include the following items:

- o Task Description, Manhour Estimate and Fee Breakdown.

In accordance with our discussions and communications to date, Monrad Engineering, Inc. confirms that our service includes the following project Scope of Services:

BASIC DESIGN, BIDDING, and CA SERVICES for Electrical

Electrical: Power, lighting, site lighting, fire alarm, and telecommunications engineering services as outlined in Pima County Scope of Professional Services dated 16 July 2018 Exhibit A, and Exhibit B, PCFM letter dated 19 February 2019, and e-mail dated 19 February 2019 from Diana Polford of PC. Telecommunications includes equipment racks, patch panels, jacks, cabling, pathways, and spaces

For performing these services, we are requesting an hourly not to exceed task order in the amount of \$ 19,577

Very truly yours,
MONRAD ENGINEERING, INC.

Fernando Galvez, P.E., RCDD, CTM

APPROVED:

BWS Architects

Date

BROAD VISION.
PROFESSIONALLY MANAGED.
PROVEN EXCELLENCE

ACEC
MEMBER

Date: 12 March 2019

Project: Pinna County Legal Services Building PD Remodel

Monrad Engineering, Inc.

BASIC SERVICES Electrical: Power, Lighting, Site Lighting, Fire Alarm, Telecommunications

ITEM	Principal	Project Manager	Project Engineer	Senior Designer	Designer	Drafter	Admin/Cerical	TOTALS
Hourly Rate	69.35	0.00	0.00	36.43	0.00	32.96	28.11	
Existing Conditions Survey	4	0	0	4	0	0	0	8
Schematic Design	8	0	0	8	0	12	2	28
Design Development	6	0	0	6	0	16	0	30
Construction Documentation:								
90% CD Review Documents	6	0	0	8	0	16	4	34
90% CD Review Documents	2	0	0	4	0	4	4	14
Permit/Bid Documents	1	0	0	1	0	4	2	8
Bidding and Negotiation	2	0	0	2	0	4	2	10
Construction Administration	8	0	0	12	0	3	4	27
Record Drawings	1	0	0	1	0	4	0	6
Total Hours	36	0	0	48	0	63	18	165
LABOR EXTENSION	\$ 2,497	\$ -	\$ -	\$ 1,748	\$ -	\$ 2,076	\$ 506	\$ 6,828
Overhead (162%)	\$ 4,044			2833		3364	820	\$ 11,060.9
SUB-TOTAL LABOR	\$ 6,541			4581		5440	1326	\$ 17,889
PROFIT @ 10%	\$ 654			458		544	133	\$ 1,789
TOTAL	\$ 7,195			5040		5984	1458	\$ 19,677

BROAD VISION.
PROFESSIONALLY MANAGED.
PROVEN EXCELLENCE.

MONRAD
ENGINEERING INC
CONSULTING ELECTRICAL ENGINEERS



GRENIER ENGINEERING, INC.

Professional Engineering Consultants

March 18, 2019

BWS Architects
Attn: Robin Shambach
261 North Court Avenue
Tucson, Arizona 85701

Scope of Work: Pima County Office of Children's Counsel

Compensation:

Structural – Schematic Design - \$ 1055
Design Development - \$ 1375
50% CD – \$ 1153
90% CD – \$ 1251
Meetings - \$ 1974
Permit/Bid Documents – \$ 277
Bidding & Negotiation – \$ 0
Construction Administration – \$ 584
Record Drawings – \$ 62
Total = 7731

Civil – Existing Conditions Survey & Review– \$ 5242
Hydrology Report - \$ 1818
Schematic Design - \$ 1265
Design Development - \$ 1265
50% CD – \$ 1026
90% CD – \$ 1026
Meetings - \$2387
Permit/Bid Documents – \$ 566
Bidding & Negotiation – \$ 196
Construction Administration – \$ 2566
Record Drawings – \$ 312
Total = \$ 17669

Scope of Work:

As stated in your email – Scope of Services for the addition to the Office of Children's Counsel, located at the County Juvenile Complex near South Kino Parkway and East Ajo, New Building Services Division, we will provide the following engineering services:

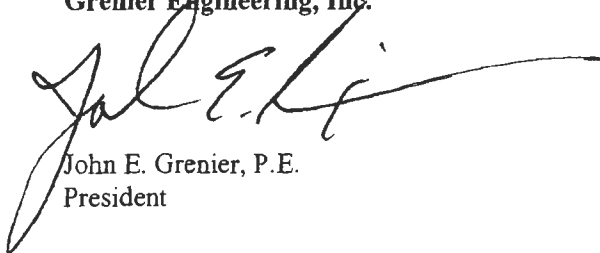
Structural Engineering services will include standard structural design for a 3000 SF addition to an existing, one story building (roof framing, walls, foundations and lateral load resisting systems) as well as miscellaneous site walls and retaining walls if required.

Civil Engineering Services will include standard civil design services for this new building to be located immediately east of the central plant on the existing campus, and two remote parking lots. Our services will include providing an Existing Conditions Survey with Topo (to be provided by our sub-consultant); coordination of the Drainage Report (to be provided by our sub-consultant); civil site plan; grading and drainage design and plans; on-site utility design and plans including

capacity verification; a horizontal control plan; and the storm water pollution prevention plan (SWPPP).

Services include Schematic Design Phase; Design Development Phase; Construction Documents Phase; Bidding and Negotiation Phase; Construction Administration and providing Record Drawings (Note: Record Drawings will be provided based upon marked-up / redlined record drawings, addenda, change orders and other data furnished by the Contractor or other third parties, and may include unverified information provided by other parties, which Grenier Engineering, Inc. has assumed to be reliable, however Grenier Engineering Inc. will not warrant the accuracy of the Record Drawings).

Sincerely,
Grenier Engineering, Inc.

A handwritten signature in black ink, appearing to read "John E. Grenier", with a long horizontal flourish extending to the right.

John E. Grenier, P.E.
President

Project

Office of Children's Counsel

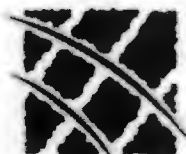
STRUCTURAL

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Project

CIVIL

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McGann & Associates

Landscape Architects and Planners

6814 North Oracle Road, Suite 210, Tucson AZ 85704 Tel: 520-297-9540 Fax: 520-297-9545 www.mcgannland.com

March 4, 2019

Robin Shambach
BWS Architects
261 North Court
Tucson, Arizona 85701

Ref: **Fee Adjustment Proposal - Scope Modifications**
Pima County Juvenile Court Defense Services Building

Dear Robin,

Per your request we are submitting this proposal for an adjustment to our fee for professional landscape architectural services related to the above referenced project.

We propose a deduction to our current fee for the elimination of the west parking lot and for a general reduction in scope at the proposed Defense Services Building project.

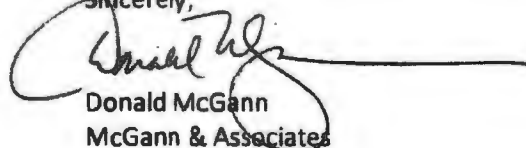
We propose an addition to our fee for the work associated with an addition to the existing building at 2237 East Ajo Way. Scope additions include: potential additions to the Native Plant Preservation work the preparation of plans for new plantings and irrigation in the vicinity of the proposed building addition and expanded parking lot.

Our proposed fee adjustments are as follows:

• Original Fee	\$19,900.00
• Deductions	\$1,000.00
• Additions	\$500.00
<hr/>	
• Adjusted Fee	\$19,400.00

Worksheets outlining staff hours and expenses associated with these changes are attached. Please let me know if you have any questions or need any additional information.

Sincerely,


Donald McGann
McGann & Associates

x.c. File 18-1113

Proposal Worksheet							
Project:		Pima County Juvenile Courts Defense Services Building					
Task / Phase		Scope Modifications - Additions					
Date:		2/4/2019					
Client:		BWS Architects					
Reviewed by:		DKM					
	Task:	Principal	Land.Arch.	Land. Des.	CAD Tech	Clerical	Task Hrs.
1	NPPP Field Work - New Addition / Parking	0.0	0.5	0.0	0.0	0.0	0.5
2	Expanded Scope - NPPP Document	0.0	0.5	0.0	0.0	0.0	0.5
3	Landscape Plans	0.0	0.5	0.0	1.5	0.0	2.0
4	Irrigation Plans	0.0	0.5	0.0	1.5	0.0	2.0
5	Details and Schedules	No Change					0.0
6	Specifications	No Change					0.0
7	Meetings	No Change					0.0
8	Services during Construction	0.0	1.0	0.0	0.0	0.0	1.0
9							0.0
10							0.0
11							0.0
12							0.0
13							0.0
14							0.0
15							0.0
16							0.0
17							0.0
18							0.0
19							0.0
20							0.0
21							0.0
22							0.0
23							0.0
24							0.0
25							0.0
Total Hours		0.0	3.0	0.0	3.0	0.0	6.0
Hourly Rate		\$135.00	\$100.00	\$75.00	\$58.00	\$55.00	
Cost		\$0.00	\$300.00	\$0.00	\$174.00	\$0.00	
Labor Cost This Page		\$474.00					
Materials and Supplies - Total		\$0.00		Subconsultants - Total		\$0.00	
	Misc.		\$0.00	Civil			\$0.00
				Electrical			\$0.00
	Reproduction - Total	\$26.00		Structural			\$0.00
	In-House Plotting		\$20.00	Biological			\$0.00
	Large Format Copies		\$0.00	Other			\$0.00
	Xerox		\$6.00				
	Other		\$0.00	Auto Use / Car Rental		\$0.00	
				Rented			\$0.00
	Miscellaneous Expenses - Total	\$0.00		Personal	0 Miles x \$0.45		\$0.00
	Other		\$0.00				
	Other		\$0.00				
PROJECT TOTAL		\$500.00					