

## Fee Estimation Worksheet

Date: 01-27-2015

PROJECT: Gila County - Copper Administration Building

Job No.: 15-009

### ORIGINAL TASKS

Labor Rate	\$220.00	\$165.00	\$135.00	\$95.00	\$85.00	\$60.00	\$130.00	\$100.00	\$75.00	
DESCRIPTION	Principal	Project Manager	Project Engineer	Design Engineer	CAD Technician	Clerical	Landscape Architect	Senior Landscape Designer	Landscape Designer	Task Cost
<b>Task 1 - Conceptual Design</b>										
Review 20% Design Material		1	2	4	7					\$1,410.00
Develop a DTM Model of Site			1	3	3					\$675.00
Preliminary Concepts		4	8	11	10					\$3,635.00
Perimeter Wall Concepts							6	8	8	\$2,180.00
<b>Task 1 Subtotals</b>	<b>0</b>	<b>5</b>	<b>11</b>	<b>18</b>	<b>20</b>	<b>0</b>	<b>6</b>	<b>8</b>	<b>8</b>	<b>\$7,900.00</b>
<b>Task 2 - Construction Documents</b>										
95% Plans		6	24	50	60					\$14,080.00
Perimeter Wall Plans							10	12	10	\$3,250.00
Draft Special Provisions		1	4	4		1	1	1		\$1,375.00
Initial Cost Estimate		1	3	12	6		1	1		\$2,450.00
100% Plans (Final plans)		2	8	20	29					\$5,775.00
Perimeter Wall Plans							4	6	6	\$1,570.00
Final Special Provisions		1	2	2		1	1	1		\$915.00
Final Cost Estimate			1	5	4		1	1		\$1,180.00
<b>Task 2 Subtotals</b>	<b>0</b>	<b>11</b>	<b>42</b>	<b>93</b>	<b>99</b>	<b>2</b>	<b>18</b>	<b>22</b>	<b>16</b>	<b>\$30,595.00</b>
<b>Task 3 - Stairs from Courthouse to Copper Admin Bldg</b>										
Hardscape Design							4	4		\$920.00
Material Plans							2	2	4	\$760.00
Material Details							2	2	4	\$760.00
95% CD Submittal								2	4	\$500.00
100% CD Submittal									4	\$300.00
<b>Task 3 Subtotals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>10</b>	<b>16</b>	<b>\$3,240.00</b>
<b>Task 6 - Project Management/Coordination</b>										
K/O Meeting with Gila County Staff		4	8							\$1,740.00
Plan Review Meetings (2 Total)		8	12							\$2,940.00
Additional Meetings (As Required)(Up to 1 additional)			6							\$810.00
Project Coordination		2	4	2						\$1,060.00
Permitting (City of Globe)		2	2							\$600.00
<b>Task 6 Subtotals</b>	<b>0</b>	<b>16</b>	<b>32</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$7,150.00</b>
<b>TOTAL HOURS</b>	<b>0</b>	<b>32</b>	<b>85</b>	<b>113</b>	<b>119</b>	<b>2</b>	<b>32</b>	<b>40</b>	<b>40</b>	<b>463</b>
<b>ORIGINAL SUBTOTAL FEES</b>	<b>\$0.00</b>	<b>\$5,280.00</b>	<b>\$11,475.00</b>	<b>\$10,735.00</b>	<b>\$10,115.00</b>	<b>\$120.00</b>	<b>\$4,160.00</b>	<b>\$4,000.00</b>	<b>\$3,000.00</b>	<b>\$48,885.00</b>

Reimbursables  
 Printing, Delivery, & Mileage  
 Geotechnical Evaluation (Walls)  
**TOTAL FIXED FEE WITHOUT ALLOWANCES**

**Fee**  
\$1,081.85

**\$49,966.85**

**ALLOWANCE TASKS**

DESCRIPTION	Principal	Project Manager	Project Engineer	Design Engineer	CAD Technician	Clerical	Landscape Architect	Senior Landscape Designer	Landscape Designer	Task Cost
Labor Rate	\$220.00	\$165.00	\$135.00	\$95.00	\$85.00	\$60.00	\$130.00	\$100.00	\$75.00	
<b>Allowance Task 4 - ADA Accessible Ramp From Courthouse to Copper Admin Bldg</b>										
Hardscape Design							6	8		\$1,580.00
Material Plans							2	4	8	\$1,260.00
Material Details							2	4	8	\$1,260.00
95% CD Submittal		4	8	16	4		2	4	8	\$4,860.00
100% CD Submittal	1	2	4	4	2			2	8	\$2,440.00
Landscape Construction Specifications							2	4		\$660.00
Construction Cost Estimate		1	2				2	4		\$1,095.00
Meetings and Coordination		2	2				2	4		\$1,260.00
<b>Task 4 Subtotals</b>	<b>1</b>	<b>9</b>	<b>16</b>	<b>20</b>	<b>6</b>	<b>0</b>	<b>18</b>	<b>34</b>	<b>32</b>	<b>\$14,415.00</b>
<b>Allowance Task 5 - Stairs from Juvenile Detention Center to Copper Admin Bldg</b>										
Hardscape Design							4	4	0	\$920.00
Material Plans							2	2	4	\$760.00
Material Details							2	2	4	\$760.00
95% CD Submittal		2	8	8	2		1	2	4	\$2,970.00
100% CD Submittal	1	1	2		2			1	4	\$1,225.00
Landscape Construction Specifications							2	2		\$460.00
Construction Cost Estimate		1	2				2	2		\$895.00
Meetings and Coordination		2	2				2	2		\$1,060.00
<b>Task 5 Subtotals</b>	<b>1</b>	<b>6</b>	<b>14</b>	<b>8</b>	<b>4</b>	<b>0</b>	<b>15</b>	<b>17</b>	<b>16</b>	<b>\$9,050.00</b>

**Reimbursables  
Copper Administration Building**

<b>95% Submittal</b>	
25 - 1/2 size sheets x 12 sets @ \$0.30/ sheet	\$90.00
<b>100% Submittal</b>	
25 - 1/2 size sheets x 12 sets @ \$0.30/ sheet	\$90.00
<b>Deliveries/Mailing</b>	\$250.00
<b>Structural Design</b>	\$400.00
<b>Mileage</b>	
3 trips 146 miles/trip @ \$0.575/mile	\$251.85
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<b>Total Reimbursables</b>	<b>\$1,081.85</b>

Remibursables do not include reproduction of Plans & Bid Documents for bidding purposes or review fees (if any).

**GILA COUNTY  
COPPER ADMINISTRATION BUILDING**

**PROPOSED SCOPE OF WORK  
DESIGN SERVICES**

**PROPOSED IMPROVEMENTS:**

EPS will design and prepare construction documents for the site plans for Gila County's new Copper Administration Building. Improvements are to include parking lots, sidewalks, a CMU wall (or alternate), shotcrete, and drainage items. The project will consist of four (4) bid items as determined by the County and described as follows:

1. Bid Item #1 includes the building sidewalks/site concrete, paving, earthwork, drainage, CMU wall (or alternate), sidewalk and road repair on Monroe Street, and shotcrete.
2. Bid Item #2 is for stairs from the Gila County Courthouse to the Copper Administration Building.
3. Bid Item #3 is for an ADA accessible ramp from the Gila County Courthouse to the Copper Administration Building.
4. Bid Item #4 is for stairs from the Juvenile Detention Center to the Copper Administration Building.

The following tasks are associated with the design and preparation of construction documents. Bid items associated with the design task are shown.

**TASK 1 – CONCEPTUAL DESIGN (Bid Item #1)**

- A. The preliminary 20% design prepared by Gila County will be evaluated based upon the information provided from the RFP.
- B. Develop a digital terrain model (DTM) from the survey information supplied by Gila County.
- C. A refined site plan that includes the following will be created.
  1. Refined site layout based upon traffic circulation, drainage, etc.
  2. A preliminary concept for a CMU wall versus a wrought iron fence. This will compare the aesthetics and the cost of each option.
  3. A preliminary concept for the sidewalk on Monroe Street. Two alternatives will be evaluated and compared. This includes an attached sidewalk with a varying curb height versus a sidewalk that is detached. Cost and impacts of each option will be compared.
  4. Evaluate the location of a trash dumpster.

**TASK 2 – CONSTRUCTION DOCUMENTS (Bid Item #1)**

- A. 95% and Final Plan documents: Plans will be submitted at the 95% and Final Plan submittal stages. Plans to include parking lot paving design, signing and striping, sidewalks, drainage items, curb and gutter, a CMU wall (or alternate), and shotcrete.
- B. Special provisions/ Specifications will be prepared in accordance with Gila County standards.
- C. Prepare an estimate of probable construction costs.
- D. Deliverables: Submit a pdf of the 95% plans, Special Provisions, and the construction cost estimate to the County for review. Submit two (2) Full Size, and two (2) Half Size sets of the Final plans, and pdfs of the Special Provisions and the construction cost estimate to the County.
- E. Distribute the plans to the appropriate utility companies, and the City of Globe for their review and comments.
- F. Coordinate/Hold Agency comment review/resolution meeting with Gila County and the City of Globe. It is anticipated this meeting will be an “over the shoulder” review format and would include a site visit.

Note: Plans shall be developed using AutoCAD.

**TASK 3 – STAIRS FROM COURTHOUSE TO COPPER ADMINISTRATION BUILDING (Bid Item #2)**

- A. A preliminary concept for stairs from the Courthouse to Copper Administration Building. A preliminary construction cost estimate will be prepared.
- B. A stairway will be designed to accommodate pedestrians travelling between the two buildings. Civil work will include the design required for the construction of the stairs.
  - 1. Design stages shall include 95%, and Final Plans. The Task 3 plans will be submitted together with the plan sheets in Task 2 as one set of plans.
  - 2. All submittals shall include an estimate of probable construction cost.
  - 3. Special Provisions and technical specifications will be included if applicable.

**ALLOWANCE TASK 4 – ADA ACCESSIBLE RAMP FROM COURTHOUSE TO COPPER ADMINISTRATION BUILDING (Bid Item #3)**

- A. A preliminary concept for ADA accessible ramp from the Courthouse to Copper Administration Building. A preliminary construction cost estimate will be prepared.
- B. If included in the approved site plan, a ramp will be designed to accommodate pedestrians travelling between the two buildings. Civil work will include the design required for the construction of the stairs.
  - 1. Design will include retaining wall details.
  - 2. Design stages shall include 95%, and Final Plans.
  - 3. All submittals shall include an estimate of probable construction cost.
  - 4. Special Provisions and technical specifications will be included if applicable.

Note: Geotechnical Investigations and Structural Engineering would be required to complete the design.

**ALLOWANCE TASK 5 – STAIRS FROM JUVENILE DETENTION CENTER TO COPPER ADMINISTRATION BUILDING (Bid Item #4)**

- A. A preliminary concept for stairs from the Juvenile Detention Center to the Copper Administration Building. A preliminary construction cost estimate will be prepared.
- B. A stairway will be designed to accommodate pedestrians travelling between the two buildings. Civil work will include the design required for the construction of the stairs.
  - 1. Design stages shall include 95%, and Final Plans.
  - 2. All submittals shall include an estimate of probable construction cost.
  - 3. Special Provisions and technical specifications will be included if applicable.

**TASK 6 – PROJECT MANAGEMENT AND COORDINATION DURING DESIGN**

- A. Concept Approval/Kickoff Meeting: It is assumed one (1) meeting will be required to review the Conceptual Design (Task 1) with Gila County staff.
- B. Comment Resolution Meetings: It is assumed that two (2) comment resolution meetings will be required - one (1) meeting after the 95% plans review by Gila County and one (1) meeting after Permit Review by the City of Globe. A site visit may occur in combination with the 95% plans review.
- C. Additional Meeting (As Required): One additional meeting could be attended if required. This could include a post design meeting.

**To be Provided by Gila County:**

- Supplemental Survey as Needed
- As-builts/plans for underground utilities

**Exclusions:**

- Geotechnical Investigations (Unless Allowance Tasks 4 is selected for design)
- Structural Engineering (Unless Allowance Task 4 is selected for design)
- Lighting Design
- Surveying
- Environmental Documentation
- Landscaping
- Water/Sewer Design
- Gas Tank Relocation
- Stormwater Pollution Prevention Plan (SWPPP)
- Utility Coordination: EPS will distribute plans to utility companies. Gila County will handle coordination with the utility companies.

Note: All engineering will be based upon topographic survey and field survey data supplied by Gila County. EPS does not guarantee the validity of the survey.