

# CITY COUNCIL AGENDA ITEM COVER MEMO

Agenda Item Number \_\_\_\_\_

Meeting Type: Regular

Meeting Date: 8/8/2013

Action Requested By:  
Engineering

Agenda Item Type  
Resolution

Subject Matter:

Modification No. 2 to Agreement with 4Site, Incorporated

Exact Wording for the Agenda:

Resolution authorizing the Mayor to modify the agreement with 4Site, Incorporated for Engineering Design Services for Downtown Gateway, Project No. 65-11-RD03, by Modification No. 2

11-403 & 12-178

**Note: If amendment, please state title and number of the original**

Item to be considered for: Action

Unanimous Consent Required: No

Briefly state why the action is required; why it is recommended; what Council action will provide, allow and accomplish and; any other information that might be helpful.

This modification is for additional surveying and design services for off-site drainage improvements and parking associated with the project for a total modification amount of \$8,527.00. Account No. 23-6500-0813-8112

Associated Cost: \$8,527.00

Budgeted Item: Select...

MAYOR RECOMMENDS OR CONCURS: Select...

Department Head: Kathryn [Signature]

Date: 7/31/13

revised 3/12/2012

IT  
PWK

# ROUTING SLIP CONTRACTS AND AGREEMENTS

Originating Department: **Engineering**

Council Meeting Date: **8/8/2013**

Department Contact: **Lynn Majors**

Phone # **256-427-5201**

Contract or Agreement: **Modification 2**

Document Name: **4Site-Downtown Gateway Project No. 65-11-RD03**

City Obligation Amount: **\$8,527.00**

Total Project Budget: **\$ 402,882.00**

Uncommitted Account Balance: **0**

Account Number: **23-6500-0813-8112**

## Procurement Agreements

|                       |                       |
|-----------------------|-----------------------|
| <b>Not Applicable</b> | <b>Not Applicable</b> |
|-----------------------|-----------------------|

## Grant-Funded Agreements

|                       |                    |
|-----------------------|--------------------|
| <b>Not Applicable</b> | <b>Grant Name:</b> |
|-----------------------|--------------------|

| Department                                  | Signature            | Date    |
|---|----------------------|---------|
| 1) Originating                              | <i>Kathy Martin</i>  | 7/31/13 |
| 2) Legal                                    | <i>Mary C. Cates</i> | 7/31/13 |
| 3) Finance                                  | <i>[Signature]</i>   | 8/1     |
| 4) Originating                              |                      |         |
| 5) Copy Distribution                        |                      |         |
| a. Mayor's office<br>(1 copies)             |                      |         |
| b. Clerk-Treasurer<br>(Original & 2 copies) |                      |         |
|   |                      |         |

**RESOLUTION NO. 13-**

**BE IT RESOLVED** by the City Council of the City of Huntsville, Alabama, that the Mayor be, and is hereby authorized, in Huntsville, Alabama, on behalf of the City of Huntsville, a municipal corporation in the State of Alabama to enter into Modification No. 2 to the Agreement with 4Site Incorporated, adopted and approved on the 9th day of June, 2011, by the City Council of the City of Huntsville, Alabama by Resolution No. 11-403, and amended on the 23rd day of February, 2012, by the City Council of the City of Huntsville, Alabama by Resolution No. 12-178, as attached hereto.

**BE IT FURTHER RESOLVED** that the total contract amount be and hereby is modified from THREE HUNDRED NINETY-FOUR THOUSAND THREE HUNDRED FIFTY-FIVE AND NO/100 DOLLARS (\$394,355.00) to FOUR HUNDRED TWO THOUSAND EIGHT HUNDRED EIGHTY-TWO AND NO/100 DOLLARS (\$402,882.00), including this Modification No. 2, an increase of EIGHT THOUSAND FIVE HUNDRED TWENTY-SEVEN AND NO/100 DOLLARS (\$8,527.00). Contract extended to the later of October 31, 2013, or thirty (30) days subsequent to receiving FEMA approval of the LOMR. Agreement is substantially in words and figures similar to that document attached hereto and identified as "Modification No. 2 to Agreement between City of Huntsville and 4Site Incorporated for Engineering Design Services for Downtown Gateway, Project No. 65-11-RD03, as adopted by Resolution No. 11-403 of June 9, 2011, and amended by Resolution No. 12-178 of February 23, 2012" consisting of a total of three (3) pages plus thirteen (13) additional pages consisting of Attachment "A", and the date of August 8, 2013, appearing on the margin of the first page, together with the signature of the President or President Pro Tem of the City Council, and an executed copy of said document being permanently kept on file in the Office of the City Clerk of the City of Huntsville, Alabama.

**ADOPTED** this the 8th day of August, 2013.

\_\_\_\_\_  
President of the City Council of  
the City of Huntsville, Alabama

**APPROVED** this the 8th day of August, 2013.

\_\_\_\_\_  
Mayor of the City of Huntsville,  
Alabama

STATE OF ALABAMA )  
COUNTY OF MADISON )

Modification No. 2 to Agreement between  
the City of Huntsville and 4Site,  
Incorporated for Engineering Design  
Services for Downtown Gateway, Project  
No. 65-11-RD03, as adopted by Resolution  
No. 11-403 of June 9, 2011, and amended  
by Resolution No. 12-178 of February 23,  
2012

**THIS IS MODIFICATION NO. 2 TO AN AGREEMENT** entered in on the 9th day of June, 2011, in the amount of TWO HUNDRED SEVENTY-FOUR THOUSAND SIX HUNDRED EIGHTY-THREE AND NO/100 DOLLARS (\$274,683.00), and amended on the 23rd day of February, 2012, in the amount of ONE HUNDRED NINETEEN THOUSAND SIX HUNDRED SEVENTY-TWO AND NO/100 DOLLARS (\$119,672.00) for a revised contract amount of THREE HUNDRED NINETY-FOUR THOUSAND THREE HUNDRED FIFTY-FIVE AND NO/100 DOLLARS (\$394,355.00). The original Agreement is hereby amended by Modification No. 2 dated August 8, 2013, in the amount of EIGHT THOUSAND FIVE HUNDRED TWENTY-SEVEN AND NO/100 DOLLARS (\$8,527.00) for a revised contract amount of FOUR HUNDRED TWO THOUSAND EIGHT HUNDRED EIGHTY-TWO AND NO/100 DOLLARS (\$402,882.00), by and between the City of Huntsville, Alabama, a municipal corporation in the State of Alabama (Owner) and 4SITE, INCORPORATED, (ENGINEER).

**WITNESSETH**

**WHEREAS**, the firm identified as the ENGINEER to the Agreement dated June 9, 2011, has proposed a change, identified as Attachment "A" to the Original Agreement. This modification delineates a change for additional surveying and design services.

**WHEREAS**, the Owner desires that the contract drawings be altered to be consistent with Attachment "A" hereto.

**NOW THEREFORE**, in consideration of the mutual covenants set forth herein, the Owner and the ENGINEER agree to the following modifications to the agreement:

1. 4Site, Incorporated will provide for additional surveying and design services at a lump sum amount of EIGHT THOUSAND FIVE HUNDRED TWENTY-SEVEN AND NO/100 DOLLARS (\$8,527.00). Contract extended to the later of October 31, 2013, or thirty (30) days subsequent to receiving FEMA approval of the LOMR.

\_\_\_\_\_  
President of the City Council of the City of  
Huntsville, AL  
Date: August 8, 2013

2. Item #1# shall be performed in accordance with the original agreement dated June 9, 2011, and approved by the City Council by Resolution No. 11-403, and as described in the letter from Jerry Cargile to Kathy Martin, dated July 18, 2013, shown as Attachment "A".
3. The terms of this contract modification and the execution thereof is not in any way to be viewed as a waiver on the part of the Owner of any of its rights pursuant to the Contract.
4. All other terms and conditions remain unchanged.

**IN WITNESS WHEREOF**, the parties have entered their hands and seals and attest to the same with the signature of the Mayor being the official act of the said municipality in accordance with his duly constituted authority.

THE CITY OF HUNTSVILLE, ALABAMA,  
a municipal corporation

By: \_\_\_\_\_  
Tommy Battle  
Its Mayor

ATTEST:

\_\_\_\_\_  
Charles E. Hagood  
City Clerk-Treasurer

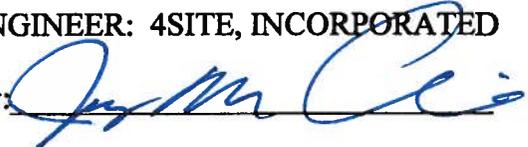
STATE OF ALABAMA )  
COUNTY OF MADISON )

I, the undersigned, a notary public in and for said County, in said State, hereby certify that Tommy Battle and Charles E. Hagood, whose names as Mayor and City Clerk-Treasurer of the City of Huntsville, a municipal corporation, are signed to the foregoing instrument, and who are known to me, acknowledged before me on this day that, being informed of the contents of the instrument, they, in their capacity as such officers, executed the same with full authority for and as the act of said corporation on the day the same bears day.

GIVEN under my hand and official seal this the \_\_\_\_\_ day of \_\_\_\_\_ 2013.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

ENGINEER: 4SITE, INCORPORATED

By: 

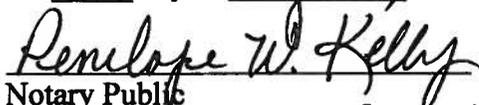
ATTEST:



STATE OF ALABAMA )  
COUNTY OF MADISON )

I, the undersigned, a notary public in and for said County, in said State, hereby certify that Jerry Cargile, as President, is signed to the foregoing instrument, and who is known to me, acknowledged before me on this day that, being informed of the contents of the instrument, he, in his capacity as such officer, executed the same with full authority for and as the act of said Corporation on the day the same bears day.

GIVEN under my hand and official seal this the 6th day of August, 2013.

  
Notary Public  
My Commission Expires: 3-28-15

**ATTACHMENT "A"**



7500 S. Memorial Pkwy, Ste 209  
Huntsville, Alabama 35802  
www.4siteinc.biz / 256.539.1221

July 18, 2013

*Km*  
Ms. Kathy Martin, PE  
Engineering Department  
City of Huntsville  
PO Box 308  
Huntsville, AL 35804

RE: COH Project No. 65-11-RD03, Downtown Gateway/Harvard Road Extension – Supplemental for offsite drainage improvements and Scruggs Center parking lot.

Dear Kathy,

Per our discussions 4Site is making a formal request for extension of the above referenced contract. As you are aware there have been several issues which have created delays in completion of the project. These issues are further outlined on the following pages. Please note that the requested time extension does not cover the time needed for FEMA approval of the CLOMR associated with the bridge which we understand will be applied for upon final approval of the plans.

In addition to the request for a formal time extension we would also request consideration for authorization within the supplemental to cover additional fees associated with a portion of this work. The items associated with that request are further described in the attached. Except as specifically identified or noted, we understand that all other terms of the contract remain as indicated in the previous proposal.

The proposed supplemental includes the following items:

- Items Affecting Project Schedule
- Proposed Changes/Modifications to Scope
- Scope of Services and Associated Fees
- Project Schedule
- Man-day estimate

After you have had the chance to review please let me know if there are questions or required modifications.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Jerry M. Cargile', is written over the word 'Sincerely,'.

Jerry M. Cargile PE/LEED AP  
Founding Partner | Principal Engineer  
4Site, Incorporated



*Where Civil Engineering and Landscape Architecture Meet  
...bringing value to our clients and their projects*

**Proj. No. 65-11-RD03 (Downtown Gateway/Harvard Rd Ext.) / Supplemental No. 2****Items Affecting Project Schedule:**

The following is a summary of the items that we are aware of which have impacted the project schedule since the previous supplemental.

1. *Additional Review & Analysis of Proposed Street Section* – Following the 60% design review additional concerns were raised by the city related to using the proposed inverted crown and recessed center median. Additional meetings and time were required to confirm with engineering and landscape management that we were to continue the design with this approach.
2. *Averbuch Office Complex Dumpster Pad* – Additional concerns were raised by the current property owners relate to the affect the proposed improvements will have on access to the dumpster serving this complex. After much discussion the originally proposed solution was determined to be unacceptable to the owners. This required the exploration of several different options including meetings with the City and the property owners.
3. *Scruggs Center Parking Lot Addition* – Following additional discussions between the City and the Library a determination was made to explore options for the construction of a new surface parking lot that was not a part of the originally anticipated scope of work. This included the requirement for additional field surveying and design of a surface parking lot for 30 cars north of the existing Davis Circle cul-de-sac and at the south end of the Scruggs Center.
4. *St. Clair Avenue Drainage Improvements* – The final calculations for the design of the drainage system for the project revealed that the existing storm drainage system along the north side of St. Clair was undersized and would need to be replaced. This included over 900 linear feet of existing storm sewer from the intersection of St. Clair with Harvard Road Extension west to the corner of the Main Library property. The replacement of this existing storm sewer was not anticipated by the original scope of work and required significant additional offsite surveying, analysis, and design.

**Proposed Changes/Modifications to Scope:**

The proposed "scope modification" includes the following items:

1. *Scruggs Center Parking Lot Addition* – Including required additional surveying analysis and design. This request assumes that Huntsville Utilities will design the required parking lot lighting. If this is not the case we would request an additional supplemental to cover the cost of the lighting associated with this parking lot.
2. *St. Clair Avenue Drainage Improvements* – Including required additional surveying analysis and design. No additional lighting design is expected and all improvements are expected to be located within existing rights-of-way or easements.

**Scope of Services and Associated Fees:****Services:**

1. *Field Surveys* – Including additional boundary and control work, and limited additional topographic surveying associated with improvements described above.
2. *Site, Grading & Drainage Plan, and Related Construction Details* – As indicated above, additional design services will be required to develop site plans, grading and drainage plans, storm profiles for the new parking lot addition and additional storm drainage improvements. The parking lot design will also require landscape plans.



**Proj. No. 65-11-RD03 (Downtown Gateway/Harvard Rd Ext.) / Supplemental No. 2**

**Fees:**

Associated Fees are as follows:

|  |                          |
|--|--------------------------|
| Field Surveys.....   | \$ 2,250 lump sum        |
| Site, Grading & Drainage Plan, and Related Construction Details..... | \$ 6,277 lump sum        |
| <b>TOTAL PROPOSED SUPPLEMENTAL FEE.....</b>                          | <b>\$ 8,527 lump sum</b> |

**Project Schedule:**

Based on the changes and issues outlined above and the additional design work for the parking addition at the Scruggs Center and offsite drainage improvements along St. Clair Avenue we propose to develop a revised project schedule following authorization of the supplemental services indicated above.

Dependent upon the timing of this authorization, we would anticipate final construction documents to now be completed and approved by October 31<sup>st</sup>, 2013. As we have previously discussed depending on the required interaction with FEMA and their response, final approvals for any proposed map revisions may lag the completion of the construction documents.





| Project No. <u>65-11-RD03</u><br>County <u>Madison</u><br>Description <u>Harvard Road Ext D'town Gateway Supplemental 2</u><br>Scope of Work <u>Survey, Civil, L'scape, Hydrology</u><br>Project Length <u>&lt;1</u> Miles<br>Consultant <u>4Site Inc.</u> |             |             |             |             |
|--|-------------|-------------|-------------|-------------|
| FIELD SURVEY   | PLS         | Crew        | Tech/CADD   | Clerical    |
| Based on a <u>0</u> Man Crew   |             |             |             |             |
| <b>Task A: Mobilization and Basic Control Survey</b>   |             |             |             |             |
| A-1 Mobilize/Demobilize  | 0.00        | 0.00        | 0.00        | 0.00        |
| A-2 Contact Property Owners  | 0.00        | 0.00        | 0.00        | 0.00        |
| A-3 Perform Basic Control Survey   | 0.10        | 0.25        | 0.10        | 0.00        |
| A-4 Conduct On-site Inspection   | 0.00        | 0.00        | 0.00        | 0.00        |
|  | 0.00        | 0.00        | 0.00        | 0.00        |
| <b>Task A Totals</b>   | <b>0.10</b> | <b>0.25</b> | <b>0.10</b> | <b>0.00</b> |
| <b>Task B: Project Alignment and Profile</b>   |             |             |             |             |
| B-1 Run Closure of Basic Control Survey/Prepare Closure Diagram  | 0.00        | 0.00        | 0.00        | 0.00        |
| B-2 Establish Centerline/Obtain Ground Profile   | 0.00        | 0.00        | 0.00        | 0.00        |
| B-3 Obtain Topographic Data  | 0.10        | 1.00        | 0.50        | 0.00        |
|  | 0.00        | 0.00        | 0.00        | 0.00        |
|  | 0.00        | 0.00        | 0.00        | 0.00        |
|  | 0.00        | 0.00        | 0.00        | 0.00        |
| <b>Task B Totals</b>   | <b>0.10</b> | <b>1.00</b> | <b>0.50</b> | <b>0.00</b> |
| <b>Task C: Supplemental Control Surveys and Data Gathering</b>   |             |             |             |             |
| C-1 Traverse Cross-Roads and Railroads   | 0.00        | 0.00        | 0.00        | 0.00        |
| C-2 Stream Topography & Cross Sections/Complete HYD-100 & 101 Forms  | 0.00        | 0.00        | 0.00        | 0.00        |
| C-3 Define Drainage Areas/Prepare Schematic Drainage Map   | 0.00        | 0.00        | 0.00        | 0.00        |
| C-4 Obtain Cross-Sections at 20 Meter Intervals and Ground Break Points  | 0.00        | 0.00        | 0.00        | 0.00        |
|  | 0.00        | 0.00        | 0.00        | 0.00        |
| <b>Task C Totals</b>   | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>Task D: Utility Surveys, Drainage Sections and Compilation of Data</b>  |             |             |             |             |
| D-1 Identify/Locate Utilities  | 0.10        | 0.25        | 0.10        | 0.00        |
| D-2 Obtain Hydrological Location Survey  | 0.00        | 0.00        | 0.00        | 0.00        |
| D-3 Tie All Available Section Corners & All Available Front Corners of Affected Properties to Project Centerline   | 0.00        | 0.00        | 0.00        | 0.00        |
| D-4 Obtain Copies of Latest Deeds  | 0.00        | 0.00        | 0.00        | 0.00        |
| D-5 Set & Reference PIs, PCs, POTs, POCs, & other critical points  | 0.00        | 0.00        | 0.00        | 0.00        |
| D-6 Reduce Survey Field Notes  | 0.10        | 0.00        | 0.20        | 0.00        |
| D-7 Submit Work for Review/Sealed Mylar Plot of Accepted Field Map   | 0.10        | 0.00        | 0.10        | 0.00        |
|  | 0.00        | 0.00        | 0.00        | 0.00        |
| <b>Task D Totals</b>   | <b>0.30</b> | <b>0.25</b> | <b>0.40</b> | <b>0.00</b> |
| <b>TOTALS</b>  | <b>0.50</b> | <b>1.50</b> | <b>1.00</b> | <b>0.00</b> |

7/19/2013

Alabama Department of Transportation

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|  |                              |           |             |
|--|------------------------------|-----------|-------------|
| <b>Project No.</b> 65-11-RD03  |                              |           |             |
| <b>County</b> Madison  |                              |           |             |
| <b>Description</b> Harvard Road Ext D'town Gateway Supplemental 2  |                              |           |             |
| <b>Scope of Work</b> Survey, Civil, L'scape, Hydrology   |                              |           |             |
| <b>Project Length</b> <1 Miles   |                              |           |             |
| <b>Consultant</b> 4Site Inc.   |                              |           |             |
| <b>Fee Proposal (Field Survey)</b>   |                              |           |             |
| <b>PERSONNEL COST</b>  |                              |           |             |
|  | <b>Man-days x Daily Rate</b> |           |             |
| Project Manager (10% of PLS)   | 0.05                         | \$ 281.52 | \$ 13.08    |
| PLS  | 0.50                         | \$ 153.84 | \$ 76.92    |
| Survey Crew (see man-day sheet)  | 1.50                         | \$ 313.84 | \$ 470.76   |
| Engineering Technician/CADD  | 1.00                         | \$ 136.00 | \$ 136.00   |
| Clerical   | 0.25                         | \$ 80.00  | \$ 20.00    |
|  | <b>Total Direct Labor</b>    |           | \$ 716.76   |
| Combined Overhead (%)  | 173.00                       |           | \$ 1,239.99 |
| Out-of-Pocket Expenses**   |                              |           | \$ -        |
|  | <b>Sub-Total</b>             |           | \$ 1,956.75 |
| Operating Margin (15%)   |                              |           | \$ 293.51   |
|  | <b>Sub-Total</b>             |           | \$ 2,250.26 |
| <b>SUB-CONSULTANTS (attach man-day &amp; fee FROM each sub-consultant; show total fee for each here)</b> |                              |           |             |
|  |                              |           | \$ -        |
|  |                              |           | \$ -        |
|  |                              |           | \$ -        |
| Subconsultant Administration Expense (5%)  |                              |           | \$ -        |
|  | <b>Sub-Total</b>             |           | \$ 2,250.26 |
| Facilities Capital Cost of Money (% of Direct Labor)   | 0.00                         |           | \$ -        |
|  | <b>TOTAL FEE</b>             |           | \$ 2,250.26 |

7/19/2013

## Alabama Department of Transportation

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|  |             |                 |
|--|-------------|-----------------|
| <b>Project No.</b> <u>85-11-RD03</u><br><b>County</b> <u>Madison</u><br><b>Description</b> <u>Harvard Road Ext D'town Gateway Supplemental 2</u><br><b>Scope of Work</b> <u>Survey, Civil, L'scape, Hydrology</u><br><b>Project Length</b> <u>&lt;1</u> Miles<br><br><b>Consultant</b> <u>4Site Inc.</u> |             |                 |
| <b>PRELIMINARY ROADWAY &amp; BRIDGE PLANS</b>  |             |                 |
|  | Engineer    | Technician/CADD |
| <b>Roadway</b>   |             |                 |
| <b>Phase I</b>   |             |                 |
| 1. Assemble and review all existing studies, plans and reports   | 0.00        | 0.00            |
| 2. Develop design criteria for all roadways and submit to State  | 0.00        | 0.00            |
| 3. Perform conceptual traffic analysis for the design year   | 0.00        | 0.00            |
| 4. Establish conceptual design alternates  | 0.25        | 0.50            |
| 5. Develop typical sections  | 0.00        | 0.00            |
| 6. Review/confirm location of grade separations  | 0.00        | 0.00            |
| 7. Identify potential hazardous waste sites  | 0.00        | 0.00            |
| 8. Coordinate with railroad, utility and other companies as needed   | 0.00        | 0.00            |
| 9. Meet with State/FHWA to determine alternates to be carried forward  | 0.00        | 0.00            |
|  |             |                 |
|  |             |                 |
| <b>Phase I Totals</b>  | <b>0.25</b> | <b>0.50</b>     |
| <b>Phase II</b>  |             |                 |
| 1. Prepare preliminary design plans of selected alternates   | 0.10        | 0.50            |
| 2. Make adjustments in main roadway profile to optimize its location   | 0.00        | 0.00            |
| 3. Place existing and proposed major drainage facilities on layout   | 0.10        | 0.50            |
| 4. Submit request for ROW and utility cost estimates   | 0.00        | 0.00            |
| 5. Perform detailed traffic analysis/Prepare and submit traffic analysis report  | 0.00        | 0.00            |
| 6. Prepare cost estimate for each alternate  | 0.00        | 0.25            |
| 7. Present preliminary design plans to State/FHWA for review   | 0.00        | 0.00            |
| 8. Attend and present the preliminary plans at Public Involvement Meeting  | 0.00        | 0.00            |
| 9. Analyze and resolve comments from Public Involvement Meeting  | 0.00        | 0.00            |
| 10. Meet with State/FHWA to determine design to be carried forward   | 0.00        | 0.00            |
|  |             |                 |
|  |             |                 |
| <b>Phase II Totals</b>   | <b>0.20</b> | <b>1.25</b>     |
| <b>Phase III</b>   |             |                 |
| 1. Provide State with 3 sets of plan rolls for the entire project  | 0.00        | 0.00            |
| 2. Perform access study by developing alternates to provide access   | 0.00        | 0.00            |
| 3. Compare cost of providing access vs. cost of damages for loss of access   | 0.00        | 0.00            |
| 4. Provide recommendations for providing access to each tract in a report  | 0.00        | 0.00            |
|  |             |                 |
|  |             |                 |
| <b>Phase III Totals</b>  | <b>0.00</b> | <b>0.00</b>     |

7/19/2013

## Alabama Department of Transportation

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| PRELIMINARY ROADWAY & BRIDGE PLANS  |             |                 |
|---|-------------|-----------------|
|   | Engineer    | Technician/CADD |
| <b>Phase IV</b>   |             |                 |
| 1. Make necessary revisions/complete preliminary design plans             | 0.10        | 0.50            |
| 2. Submit locations of haz. mat. sites & UST's to the State               | 0.00        | 0.00            |
| 3. Make appropriate revisions to cost estimate                            | 0.10        | 0.25            |
| 4. Present preliminary plans to State/FHWA for review                     | 0.00        | 0.00            |
| 5. Attend Design Hearing  | 0.00        | 0.00            |
| 6. Analyze and resolve comments from Design Hearing                       | 0.00        | 0.00            |
| 7. Provide narrative of sequence of construction concept                  | 0.00        | 0.00            |
| 8. Provide conceptual signing plans                                       | 0.00        | 0.00            |
| 9. Present preliminary design plans and recommendations to State/FHWA     | 0.00        | 0.00            |
| 10. Furnish deliverables to State at completion of project                | 0.00        | 0.00            |
|   | 0.00        | 0.00            |
| <b>Phase IV Totals</b>  | <b>0.20</b> | <b>0.75</b>     |
| <b>PRELIMINARY ROADWAY TOTALS</b>   | <b>0.65</b> | <b>2.50</b>     |
| <b>Bridge</b>   |             |                 |
| 1. Prepare preliminary span layouts (TS&L) plans for all required bridges | 0.00        | 0.00            |
| 2. Furnish preliminary cost estimates of each alternative bridge          | 0.00        | 0.00            |
|   | 0.00        | 0.00            |
| <b>PRELIMINARY BRIDGE TOTALS</b>  | <b>0.00</b> | <b>0.00</b>     |
| <b>PRELIMINARY PLANS TOTALS</b>   | <b>0.65</b> | <b>2.50</b>     |

7/19/2013

Alabama Department of Transportation

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|  |                           |           |             |
|--|---------------------------|-----------|-------------|
| <b>Project No. 65-11-RD03</b>  |                           |           |             |
| <b>County Madison</b>  |                           |           |             |
| <b>Description Harvard Road Ext D'town Gateway Supplemental 2</b>  |                           |           |             |
| <b>Scope of Work Survey, Civil, L'scape, Hydrology</b>   |                           |           |             |
| <b>Project Length &lt;1 Miles</b>  |                           |           |             |
| <b>Consultant 4Site Inc.</b>   |                           |           |             |
| <b>Fee Proposal (Preliminary Roadway Plans)</b>  |                           |           |             |
| <b>PERSONNEL COST</b>  |                           |           |             |
|  | Man-days x Daily Rate     |           |             |
| Project Manager (10% of Eng.)  | 0.07                      | \$ 261.52 | \$ 18.31    |
| Engineer   | 0.65                      | \$ 184.21 | \$ 119.74   |
| Engineering Technician/CADD  | 2.50                      | \$ 136.00 | \$ 340.00   |
| Clerical   | 0.00                      | \$ 80.00  | \$ -        |
|  | <b>Total Direct Labor</b> |           | \$ 478.05   |
| Combined Overhead (%)  | 173.00                    |           | \$ 827.03   |
|  | <b>Sub-Total</b>          |           | \$ 1,305.08 |
| Out-of-Pocket Expenses**   |                           |           | \$ -        |
|  | <b>Sub-Total</b>          |           | \$ 1,305.08 |
| Operating Margin (15%)   |                           |           | \$ 195.76   |
|  | <b>Sub-Total</b>          |           | \$ 1,500.84 |
| <b>SUB-CONSULTANTS (attach man-day &amp; fee FROM each sub-consultant; show total fee for each here)</b> |                           |           |             |
|  |                           |           | \$ -        |
|  |                           |           | \$ -        |
|  |                           |           | \$ -        |
| Subconsultant Administration Expense (5%)  |                           |           | \$ -        |
|  | <b>Sub-Total</b>          |           | \$ 1,500.84 |
| Facilities Capital Cost of Money (% of Direct Labor)   | 0.00                      |           | \$ -        |
| <b>TOTAL FEE</b>   |                           |           | \$ 1,500.84 |

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| <b>Project Number</b> 65-11-RD03                                  |                 |                    |       |            |       |
|---|-----------------|--------------------|-------|------------|-------|
| <b>County</b> Madison   |                 |                    |       |            |       |
| <b>Description</b> Harvard Road Ext D'town Gateway Supplemental 2 |                 |                    |       |            |       |
| <b>Scope of work</b> Survey, Civil, L'scape, Hydrology            |                 |                    |       |            |       |
| <b>Length</b> <1 miles  |                 |                    |       |            |       |
| <b>Consultant</b> 4Site Inc.                                      |                 |                    |       |            |       |
| ROADWAY PLANS<br>SHEET TITLE                                      | NO OF<br>SHEETS | ESTIMATED MAN-DAYS |       |            |       |
|   |                 | ENGINEER           |       | TECHNICIAN |       |
|   |                 | SHEET              | TOTAL | SHEET      | TOTAL |
| TITLE SHEET   | 0.00            | 0.00               | 0.00  | 0.33       | 0.00  |
| INDEX SHEET   | 0.00            | 0.00               | 0.00  | 0.33       | 0.00  |
| PROJECT NOTE SHEET  | 0.00            | 0.00               | 0.00  | 0.33       | 0.00  |
| PLANS LEGEND  | 0.00            | 0.00               | 0.00  | 0.20       | 0.00  |
| <b>TYPICAL SECTIONS</b>   |                 |                    |       |            |       |
| Main Roadway  | 0.00            | 0.20               | 0.00  | 0.50       | 0.00  |
| Cross Roads   | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Detour & Misc.  | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Ramps   | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
|   | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
|   | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| <b>SUMMARY SHEET</b>  |                 |                    |       |            |       |
| Main Summary  | 0.00            | 0.05               | 0.00  | 0.10       | 0.00  |
| <b>SUMMARY BOX SHEETS</b>   |                 |                    |       |            |       |
| Roadway Pipe  | 0.25            | 0.10               | 0.03  | 0.20       | 0.05  |
| Culvert Extension, New Culvert                                    | 0.25            | 0.10               | 0.03  | 0.20       | 0.05  |
| Bridge Culvert Extension, New Bridge Culvert                      | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Guardrail   | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Slope Paving (Under Bridges)                                      | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Side Drain Pipe   | 0.00            | 0.10               | 0.00  | 0.20       | 0.00  |
| Signing   | 0.00            | 0.10               | 0.00  | 0.20       | 0.00  |
| Base & Pavement   | 0.25            | 0.10               | 0.03  | 0.20       | 0.05  |
| Bridge  | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Striping & Pavement Markings                                      | 0.25            | 0.10               | 0.03  | 0.20       | 0.05  |
| Curb & Gutter   | 0.25            | 0.10               | 0.03  | 0.20       | 0.05  |
| Bridge End Slabs  | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Roadway Lighting  | 0.00            | 0.05               | 0.00  | 0.20       | 0.00  |
| Sidewalk  | 0.25            | 0.10               | 0.03  | 0.20       | 0.05  |
| Slope Paving (Ditches)  | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Ditch Summary   | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Concrete Safety Barrier   | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Retaining Wall  | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Misc. Boxes   | 0.00            | 0.05               | 0.00  | 0.20       | 0.00  |
| Erosion Control   | 0.25            | 0.10               | 0.03  | 0.20       | 0.05  |
| Landscape Plans   | 0.25            | 0.10               | 0.03  | 0.20       | 0.05  |
|   | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |

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| ROADWAY PLANS<br>SHEET TITLE          | NO OF<br>SHEETS | ESTIMATED MAN-DAYS |       |            |       |
|---------------------------------------|-----------------|--------------------|-------|------------|-------|
|                                       |                 | ENGINEER           |       | TECHNICIAN |       |
|                                       |                 | SHEET              | TOTAL | SHEET      | TOTAL |
| <b>PLAN &amp; PROFILE</b>             |                 |                    |       |            |       |
| Main Roadway                          | 0.00            | 1.00               | 0.00  | 2.00       | 0.00  |
| Crossroads                            | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Detours                               | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Retaining Walls                       | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Site Demolition Plan                  | 0.50            | 0.50               | 0.25  | 1.00       | 0.50  |
| <b>PAVING LAYOUT</b>                  |                 |                    |       |            |       |
| Main Roadway (Horizontal Layout)      | 0.50            | 0.50               | 0.25  | 1.00       | 0.50  |
| Striping Plan                         | 0.50            | 0.25               | 0.13  | 1.00       | 0.50  |
| Crossroads                            | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Intersections                         | 0.00            | 0.50               | 0.00  | 1.00       | 0.00  |
| <b>INTERCHANGES</b>                   |                 |                    |       |            |       |
| Geometrics                            | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Ramps Profiles                        | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Site Grading                          | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Cross Sections                        | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Signing                               | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
|                                       | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| <b>TRAFFIC CONTROL</b>                |                 |                    |       |            |       |
| Sequence of Construction              | 0.25            | 0.25               | 0.06  | 0.50       | 0.13  |
| Summary & notes                       | 0.25            | 0.10               | 0.03  | 0.50       | 0.13  |
| Typical Section Sketches              | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Signing Layout                        | 0.25            | 0.25               | 0.06  | 0.50       | 0.13  |
| Special Drawings                      | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
|                                       | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| <b>SIGNING</b>                        |                 |                    |       |            |       |
| Sign Layout                           | 0.00            | 0.20               | 0.00  | 0.50       | 0.00  |
| Sign X-Section                        | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Sign Panel Details                    | 0.00            | 0.20               | 0.00  | 0.50       | 0.50  |
| Soils Data Sheets (provided by ALDOT) | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
|                                       | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
|                                       | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| <b>SIGNALIZATION</b>                  |                 |                    |       |            |       |
| Signal Layout (1 per site)            | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Traffic Analysis                      | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Traffic Counts (1 per site)           | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Signal Warrant Analysis (1 per site)  | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Soils Data Sheets (provided by ALDOT) | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Special Details                       | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
|                                       | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| <b>LANDSCAPE SHEETS</b>               |                 |                    |       |            |       |
| Landscape Plan                        | 0.50            | 0.50               | 0.25  | 1.00       | 0.50  |
| Irrigation Plan                       | 0.00            | 0.50               | 0.00  | 1.00       | 0.00  |
| <b>DRAINAGE SECTIONS</b>              |                 |                    |       |            |       |
| Drainage Sections                     | 0.50            | 0.25               | 0.13  | 0.50       | 0.25  |
| Hydraulic Data Sheet                  | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |
| Grading and Drainage Plan             | 1.00            | 0.50               | 0.50  | 1.00       | 1.00  |
|                                       | 0.00            | 0.00               | 0.00  | 0.00       | 0.00  |

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| ROADWAY PLANS<br>SHEET TITLE   | NO OF<br>SHEETS | ESTIMATED MAN-DAYS |             |            |             |
|--------------------------------|-----------------|--------------------|-------------|------------|-------------|
|                                |                 | ENGINEER           |             | TECHNICIAN |             |
|                                |                 | SHEET              | TOTAL       | SHEET      | TOTAL       |
| <b>DETAILS</b>                 |                 |                    |             |            |             |
| Site Construction Details      | 0.50            | 0.25               | 0.13        | 0.50       | 0.25        |
| Landscape Details              | 0.00            | 0.25               | 0.00        | 0.50       | 0.00        |
| Irrigation Details             | 0.00            | 0.10               | 0.00        | 0.20       | 0.00        |
| <b>LIGHTING</b>                |                 |                    |             |            |             |
| Plan Layout                    | 0.00            | 0.00               | 0.00        | 0.00       | 0.00        |
| Special Details                | 0.00            | 0.00               | 0.00        | 0.00       | 0.00        |
|                                | 0.00            | 0.00               | 0.00        | 0.00       | 0.00        |
| <b>EROSION CONTROL</b>         |                 |                    |             |            |             |
| (Shown on Clearing & Grubbing) | 0.50            | 0.25               | 0.13        | 0.50       | 0.25        |
| <b>ROADWAY CROSS SECTIONS</b>  |                 |                    |             |            |             |
| Main Roadway                   | 0.00            | 0.25               | 0.00        | 1.00       | 0.00        |
| Crossroads                     | 0.00            | 0.00               | 0.00        | 0.00       | 0.00        |
| Earthwork Balancing            | 0.00            | 0.00               | 0.00        | 0.00       | 0.00        |
|                                | 0.00            | 0.00               | 0.00        | 0.00       | 0.00        |
| <b>REVIEW COMMENTS</b>         |                 |                    |             |            |             |
| 30% Review                     |                 |                    | 0.00        |            | 0.00        |
| Plan-in-Hand Inspection        |                 |                    | 0.25        |            | 0.50        |
| PS&E Inspection                |                 |                    | 0.25        |            | 0.50        |
| <b>Stormwater Permits</b>      |                 |                    |             |            |             |
|                                |                 |                    | 0.00        |            | 0.00        |
| <b>Cost Estimates</b>          |                 |                    |             |            |             |
| Cost Estimates                 |                 |                    | 0.25        |            | 0.50        |
| Design Hearing                 |                 |                    | 0.00        |            | 0.00        |
|                                |                 |                    |             |            |             |
| <b>SUB-TOTAL</b>               | <b>7.25</b>     |                    | <b>2.91</b> |            | <b>6.54</b> |
| 10% Supervision                |                 |                    | 0.29        |            |             |
| <b>TOTALS</b>                  |                 |                    |             |            |             |
|                                | <b>7.25</b>     |                    | <b>2.91</b> |            | <b>6.54</b> |
|                                |                 |                    |             |            |             |

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|  |                              |           |             |
|--|------------------------------|-----------|-------------|
| <b>Project No.</b> 65-11-RD03  |                              |           |             |
| <b>County</b> Madison  |                              |           |             |
| <b>Description</b> Harvard Road Ext D'town Gateway Supplemental 2  |                              |           |             |
| <b>Scope of Work</b> Survey, Civil, L'scape, Hydrology   |                              |           |             |
| <b>Project Length</b> <1 Miles   |                              |           |             |
| <b>Consultant</b> 4Site Inc.   |                              |           |             |
| <b>Fee Proposal (Roadway Plans)</b>  |                              |           |             |
| <b>PERSONNEL COST</b>  |                              |           |             |
|  | <b>Man-days x Daily Rate</b> |           |             |
| Project Manager (10% of Eng.)  | 0.29                         | \$ 261.52 | \$ 75.84    |
| Engineer   | 2.91                         | \$ 184.21 | \$ 536.05   |
| Engineering Technician/CADD  | 6.54                         | \$ 136.00 | \$ 889.44   |
| Clerical   | 0.25                         | \$ 80.00  | \$ 20.00    |
|  | <b>Total Direct Labor</b>    |           | \$ 1,521.33 |
| Combined Overhead (%)  | 173.00                       |           | \$ 2,631.90 |
| Out-of-Pocket Expenses**   |                              |           | \$ -        |
|  | <b>Sub-Total</b>             |           | \$ 4,153.23 |
| Operating Margin (15%)   |                              |           | \$ 622.98   |
|  | <b>Sub-Total</b>             |           | \$ 4,776.21 |
| <b>SUB-CONSULTANTS (attach man-day &amp; fee FROM each sub-consultant; show total fee for each here)</b> |                              |           |             |
|  |                              |           | \$ -        |
|  |                              |           | \$ -        |
|  |                              |           | \$ -        |
| Subconsultant Administration Expense (5%)  |                              |           | \$ -        |
|  | <b>Sub-Total</b>             |           | \$ 4,776.21 |
| Facilities Capital Cost of Money (% of Direct Labor)   | 0.00                         |           | \$ -        |
|  | <b>TOTAL FEE</b>             |           | \$ 4,776.21 |

\*\*See Grand Total Fee sheet