



Item 4

Travis County Commissioners Court Agenda Request

Meeting Date: December 11, 2012

Prepared By/Phone Number: Jason G. Walker/44562; Marvin Brice, CPPB, Assistant Purchasing Agent

Elected/Appointed Official/Dept. Head: Cyd Grimes

Commissioners Court Sponsor: Judge Biscoe

Agenda Language: Approve Modification No. 3 to Contract No. 4400000031 (H.T.E. No. 09AE0251JW), Jacobs, for the Howard Lane Phase II Design Project.

- **Purchasing Recommendation and Comments:** Purchasing concurs with department and recommends approval of requested action. This procurement action meets the compliance requirements as outlined by the statutes.
- The Howard Lane Phase II design project is for the extension from Cameron Road/Harris Branch Road to SH-130 as a four-lane divided roadway with bicycle lane and sidewalk on each side. Also included in the design are subsurface storm drainage systems, two bridges, and associated utility relocations. This project is jointly funded by Travis County, the City of Austin (COA), and Texas Department of Transportation.
- This modification number three (3) is for Additional Basic Services for the relocation and extension of an existing waterline that is within an existing COA Right-of-Way. This modification will increase the contract amount by \$53,283.00 (all contributed by the COA), from \$1,202,751.13 to \$1,256,034.13, and the aggregate modification amount results in a 49.4% increase of the original contract amount.
- Modification number two (2) added Additional Basic Services for a section of Cameron Road/Harris Branch Road that is within the COA's jurisdictional limits (current terminus of the four lane section of Cameron Road/Harris Branch Road to Gregg Lane) left out of the original design project scope. Through the addition of this section of Cameron

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Road/Harris Branch Road, to the section of Cameron Road/Harris Branch Road originally included in the design project scope, the COA's jurisdictional limit of Cameron Road/Harris Branch Road will then be complete with regards to the physical area currently under development by the COA. The remaining section of Cameron Road (from Gregg Lane to SH-130) is within Travis County's jurisdictional limit, where no interlocal agreement for the construction of a road within the COA will be required, shortening the design, permitting, and construction of Travis County's jurisdictional section of Cameron Road, saving Travis County money.

- Also included with this modification number two (2) are needed Howard Lane design modifications due to the relocation of an existing gas line, as well as the revision of the pavement design to one expected to perform better and longer given the soil types discovered through extensive soil explorations. This modification increased the contract amount by \$338,063.49 (of which \$321,707.82 has been contributed by the COA and the remaining \$16,355.67 is Travis County's share) from \$864,687.64 to \$1,202,751.13, and the aggregate modification amount resulted in a 43.1% increase of the original contract amount.
- Modification number one (1) increased the contract amount by \$24,051.25 for additional subsurface utility exploration services (SUE) required to locate existing gas lines for relocation. The COA funded completely this modification amount.
- **Contract Expenditures:** Within the last 2 months \$130,557.67 has been spent against this contract/requirement.
- **Contract-Related Information:**
 - Award Amount: \$840,636.39
 - Contract Type: A/E
 - Contract Period: Through completion
- **Contract Modification Information:**
 - Modification Amount: \$53,283.00
 - Modification Type: A/E

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Modification Period: Through completion

➤ **Solicitation-Related Information: N/A**

Solicitations Sent:

Responses Received:

HUB Information:

% HUB Subcontractor:

➤ **Special Contract Considerations: N/A**

Award has been protested; interested parties have been notified.

Award is not to the lowest bidder; interested parties have been notified.

Comments:

➤ **Funding Information:**

Shopping Cart/Funds Reservation in SAP: TBD upon availability of Bond funds

Fund Center(s):1490294050

Comments:

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TRANSPORTATION AND NATURAL RESOURCES DEPARTMENT


STEVEN M. MANILLA, P.E., COUNTY EXECUTIVE

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Eleventh Floor
P.O. Box 1748
Austin, Texas 78767
(512) 854-9383
FAX (512) 854-4697

October 15, 2012

MEMORANDUM

TO: Marvin Brice, C.P.P.B., Assistant Purchasing Agent

FROM:  Steve Manilla, PE, County Executive

SUBJECT: Howard Lane II
Modification # 3, PSA Contract No. Q09AE0251-JW/4400000031
Professional Services Agreement with Jacobs Engineering Group, Inc.

Request

Please accept this memo as a request to modify the professional services contract agreement with Jacobs Engineering for design services related to the Howard Lane II extension project (from Cameron Road to SH 130, including a section of Cameron Road from Harris Branch Parkway to Gregg Lane). This modification, funded solely by the City of Austin for the design of the construction plans for the relocation and extension of an existing waterline, will increase the contract by \$53,283.00 from \$1,202,751.13 to \$1,256,034.13. A copy of the complete scope of services is provided in Attachment "B".

Additional information is provided below for your use. Please contact Chiddi N'Jie at 854-7585 if you need additional information.

Summary and Staff Recommendations:

The Howard Lane II roadway extension project is a Travis County 2005 bond program project that extends from Cameron Road (Harris Branch Road) to SH 130 in Precinct 1. It is jointly funded by the County, City of Austin (City), and Texas Department of Transportation (TxDOT). The proposed design is a four-lane divided roadway (MAD4) with bicycle lane and sidewalk on each side of the street. The design will also include subsurface storm drainage system, two bridges, and associated utility relocations. Attachment "A" is a Project Location Map.

Capital Area Metropolitan Planning Organization (CAMPO) has classified Howard Lane Extension Phase II as an arterial (MAD4) in the CAMPO Mobility 2035 transportation plan.

The Cameron Road/Harris Branch Road limits of the improvements will be from the current terminus of the four lane section of Harris Branch Road to the end of the City's jurisdictional limits at Gregg Lane. This contract modification is for engineering design services related to the relocation and extension of a City owned waterline.

Issues and Opportunities

This relocation was made necessary because of the proposed roadway improvements. Since the waterline was constructed within an existing Right-of-Way, all relocation costs are the

responsibility of the utility owner, in this case the City. In addition, the City is proposing to extend the waterline to the project limits at Gregg Lane.

This will facilitate future extension of the City's waterline without the need to excavate the newly constructed roadway.

Budgetary and Fiscal Impact

This modification, funded solely by the City will increase the contract amount by \$53,283.00 from \$1,202,751.13 to \$1,256,034.13. The City has already issued a check for the total amount of the modification to the County.

The financial tracking information is provided below.

Funds Reservation: to be provided once Bond funds are available
Fund: 4050
Fund Center: 1490294050
G/L: 511971

The entirety of this work will be authorized under the current Work Product.

Required Authorizations:

TNR Financial: Cynthia McDonald
Purchasing: Cyd Grimes
PBO: Jessica Rio

Attachments:

1. Exhibit "A"-----Project Location Map
2. Exhibit "B"-----Supplemental Agreement for Waterline

CC: Purchasing: Cyd V. Grimes, C.P.M., Purchasing Agent, Jason Walker
TNR Financial Services: Cynthia McDonald, Donna Williams-Jones, Tawana Gardner
TNR CIP: Steve Sun, Chiddi N'Jie
Central Files: 97B01-15 -1CA\Howard Ln II\ Design

Lane Extension, Phase II

ISSUED BY: PURCHASING OFFICE 700 LAVACA ST., SUITE 800 AUSTIN, TX 78701	PURCHASING AGENT ASST: Jason G. Walker TEL NO: (512) 854-9700 FAX NO: (512) 854-9185	DATE PREPARED: November 21, 2012
ISSUED TO: Jacobs 2705 Bee Caves Road, Suite 300 Austin, TX 78746	MODIFICATION NO.: 3	EXECUTED DATE OF ORIGINAL CONTRACT: December 22, 2009
ORIGINAL CONTRACT TERM DATES: 12/22/09 - through project completion CURRENT CONTRACT TERM DATES: 12/22/11 - through project completion		

FOR TRAVIS COUNTY INTERNAL USE ONLY:
Original Contract Amount: \$840,636.39 Current Modified Amount \$1,256,034.13.

DESCRIPTION OF CHANGES: Except as provided herein, all terms, conditions, and provisions of the document referenced above as heretofore modified, remain unchanged and in full force and effect.

A. The additional Work Product 3 and 5 Services, as outlined in Consultant's Supplemental Agreements, attached hereto and made a part hereof are hereby added to the contract. As a result of these additional Work Product 3 and 5 Services, contract Basic Services pricing is adjusted as follows:

1. Reference EXHIBIT 1, SECTION 1 - COMPENSATION FOR BASIC SERVICES:
- a. Paragraph 1.1: The stated fee for the performance of basic services is modified from \$1,174,221.88 to \$1,226,504.88, an increase of \$52,283.00.
 - b. Paragraph 1.1.1, (i) Design Phase, Work Product #3 - 90% Design is modified from \$582,079.97 to \$631,868.97, an increase of \$49,789.00.
 - c. Paragraph 1.1.1, (ii) Bidding Phase, is modified from \$5,026.25 to \$7,520.25, an increase of \$2,494.00.
3. The BASIC SERVICES TOTAL is changed from \$1,174,221.88 to \$1,226,504.88, an increase of \$52,283.00.

C. Reference EXHIBIT 1, SECTION 4 - REIMBURSABLE EXPENSES, 4.1, the Non-Labor reimbursable expenses amount is modified from \$28,529.25 to \$29,529.25. Also, the REIMBURSABLES TOTAL NOT TO EXCEED is changed from \$28,529.25 to \$29,529.25, an increase of \$1,000.00.00.

D. Reference EXHIBIT 1, SECTION 5 - TOTAL AGREEMENT SUM. The TOTAL AGREEMENT SUM is changed from an NTE amount of \$1,202,751.13 (\$1,174,221.88 Basic Services and NTE amount of \$28,529.25 Reimbursable Expenses) to an NTE amount of \$1,256,034.13 (\$1,226,504.88 Basic Services, and NTE amount of \$29,529.25 Reimbursable Expenses) an increase of \$53,283.00.

E. The Contract Scope of Services is modified to include the performance by Engineer of the additional Work Product 3 and 5 Services as outlined in Consultant's Supplemental Agreement (Attachment A).

Note to Vendor:
 Complete and execute (sign) your portion of the signature block section below for all copies and return all signed copies to Travis County.
 DO NOT execute and return to Travis County. Retain for your records.

LEGAL BUSINESS NAME: <u>JACOBS ENGINEERING GROUP INC.</u> BY: <u>[Signature]</u> SIGNATURE BY: <u>JODD WILKINSON</u> PRINT NAME TITLE: <u>OPERATIONS MANAGER</u> ITS DULY AUTHORIZED AGENT	<input type="checkbox"/> DBA <input checked="" type="checkbox"/> CORPORATION <input type="checkbox"/> OTHER DATE: <u>11/29/12</u>
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TRAVIS COUNTY, TEXAS BY: <u>[Signature]</u> CYD V. GRIMES, C.P.M., TRAVIS COUNTY PURCHASING AGENT	DATE:
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TRAVIS COUNTY, TEXAS BY: _____ SAMUEL T. BISCOE, TRAVIS COUNTY JUDGE	DATE:
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DRAFT

ATTACHMENT A
SERVICES TO BE PROVIDED BY THE ENGINEER
FOR
HOWARD LANE – PHASE II
SUPPLEMENTAL AGREEMENT FOR WATERLINE EXTENSION

PROJECT: Cameron Road
LIMITS: From Howard Lane to Gregg Lane
COUNTY: Travis County
PROJECT LENGTH: 2,000 LF

The following supplemental is to provide waterline relocations along the project route. The relocations and extensions include:

- Extension of the 16-inch Ductile Iron waterline along the east side of Cameron Road to Gregg Lane.
- Replacement and relocation of the 6-inch waterline along the west side of Cameron Road with a 12-inch Ductile Iron waterline from approximately 165 feet southwest of the intersection of Harris Branch Parkway and Cameron Road to Gregg lane.
- Extension of 16-Inch crossover lines between the 12-inch and the 16-inch waterlines at the Howard Lane intersection and at the Gregg Lane intersection.

The following services do not replace any services listed in the original contract, but supplement them.

Work Product #3:

1. Phase A - Preliminary Engineering Design

- a. Project Coordination and Approvals from Austin Water Utility (AWU):
 - i. Conduct project kickoff meeting and coordinate with AWU. Participate in regularly scheduled coordination meetings.
 - ii. Prepare and monitor schedule, generate required QCP documentation, prepare written progress reports, manage design team, and coordinate with roadway design team.
- b. Prepare and submit six (6) copies of the following deliverables to AWU for review as the preliminary design submittal:
 - i. 30% design drawings - plan and profile sheets only.
 - ii. Design memorandum documenting design basis, estimated cost, and schedule for completion of the project.

2. Phase B - Final Design

- a. Project Coordination and Approvals from AWU:
 - i. Participate in project coordination meetings to transfer information and obtain AWU approvals.
 - ii. Prepare and monitor schedule, generate required QCP documentation, prepare written progress reports, manage design team, and coordinate with roadway design team.

- b. Prepare and submit six (6) copies of design documents at 90% and final construction documents complete for AWU review and approval. Design shall include preparation of:
 - i. Joint restraint requirements.
 - ii. Air/vacuum valve design
 - iii. Plan for disposal or reuse of disinfection and testing water for pipeline.
 - iv. Plan and profile drawings.
 - v. Erosion control plan.
 - vi. Project specifications indicating the scope, extent, and character of the Work to be performed and furnished by Contractor. Shall use City of Austin Standard Specifications and Standard Bid Items supplemented by the special specifications and special provisions necessary to complete the project.
 - vii. Engineer's estimate of probable cost prepared at each design milestone.
 - viii. Quality assurance and control shall be performed per Quality Control Plan at each submittal and appropriate documentation shall be submitted accordingly. In addition, schedule for completion shall be submitted with at each design milestone.

Work Product #5:

3. Phase C - Bid Phase

- a. Bid Phase Engineering Support:
 - i. Receive and answer questions from prospective bidders during bid period.
 - ii. Prepare addenda during bid advertisement period to the drawings and specifications.
 - iii. Provide one original set, and three copies of conformed drawings and specifications that incorporate bid phase addenda.

4. Assumptions

- a. The pipe diameter size, points of connection, and all other pertinent preliminary engineering data for this line have been determined by the Austin Water Utility and are not the responsibility of the Engineer.
- b. Sub-surface utility research is being conducted as part of the Howard Lane Phase II project and results will be available for inclusion into the final design.
- c. Topographic & tree field surveys (8-inches in diameter) along the proposed route will be conducted as part of the Howard Lane Phase II project.
- d. All necessary geotechnical borings have been completed and included in a Geotechnical Data Report that will be available for reference and inclusion in the project manual.
- e. All necessary real estate acquisition, including Right of Way and easements, have been or are being acquired by others and are not included in this scope of services.
- f. An environmental and archeological desktop analysis has been completed and all permitting clearances will be conducted as part of the overall Howard Lane Road Extension, Phase II project. There will not be any environmental or archeological work associated with this component of the project.
- g. Traffic control plans will not be included in the construction documents and will be included as part of the overall Howard Lane Road Extension, Phase II project.

- h. A Stormwater Pollution Prevention Plan (SWPPP) will not be included in the construction documents associated with this component of the work and will be included as part of the overall Howard Lane Road Extension, Phase II project.**
- i. Neither a City of Austin Site Plan nor General Permit will be required for the proposed work. All construction associated with this scope of services will be permitted as part of the overall Howard Lane Road Extension, Phase II project.**
- j. The proposed project will not involve work within waters of the United States, including wetlands, as defined by Section 404 of the Clean Water Act.**
- k. The project boundaries do not lie within COA-defined Recharge Zone, or the Edwards Aquifer Recharge Zone as defined by the TCEQ.**
- l. The project boundaries are not within the boundaries of the Balcones Canyonlands Preserve (BCP).**
- m. The project is not located within the COA-defined Barton Springs Zone.**
- n. The proposed project will not be funded using federal money.**
- o. There are no environmental or archeological impacts such that a Nationwide permit would apply.**