BILL 2012-27

****** First Reading ******

Agenda Item

TO: Mayor and City Council

FROM: Mark S. Gaugh, City Manager

DATE: May 1, 2012

RE: Contract Amendment

Issues

The attached amendment to the Olsson contract is for the design of Eighth St. reconstruction. Eighth Street is in very poor condition from Harris St. to Godfrey St. This street is on the City's priority list for improvement. This street project will be funded through the new Transportation Sales Tax which recently took effect. Funds are expected to begin in June of this year, which will go toward making the payment on the loan Certificates of Participation. The Eighth St. project is smaller in scope than the Walnut St. drainage work, and the design portion will not be as extensive. The design and construction of Eighth St. can be going on while the Walnut St. project is being designed for construction planned in the spring.

Recommendation

Staff recommends that the Council approve the amendment on first reading. The second and final reading is recommended for the next regularly scheduled Council meeting on May 7, 2012.

Bill 2012-27

AN ORDINANCE AUTHORIZING AN AMENDMENT TO THE AGREEMENT BY AND BETWEEN THE CITY OF CAMERON, CLINTON AND DeKALB COUNTIES, MISSOURI AND OLSSON ENGINEERS FOR STREET IMPROVEMENTS

WHEREAS, it is the City's intent to make major improvements to portions of Eighth St.; and

WHEREAS, the City is interested in making the most cost-effective improvements for long service life within a reasonable time frame; and

WHEREAS, Olsson Engineers has submitted a reasonable cost proposal for doing the necessary surveying and design of the improvements.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CAMERON, CLINTON AND DeKALB COUNTIES, MISSOURI AS FOLLOWS:

Section 1. The City Manager is hereby authorized to sign the agreement and ancillary documents by and between the City of Cameron and Olsson Engineers, Inc. a copy of the first amendment to the agreement which is attached hereto and made a part hereof for Olsson Engineers to design the project.

Section 2. The City Clerk is hereby directed to attest to the Mayor's signature.

Passed and approved on first reading this 1st day of May 2012.
Passed and approved on second reading this _____ day of _____ 2012.
Passed and approved on third and final reading this _____ day of _____ 2012.

_____
Mayor Dennis M. Clark

ATTEST:

_____
City Clerk/Finance Clerk

First Reading

CONTRACT AMENDMENT #1
to the Letter Agreement for
Professional Services for
Walnut Street Stormwater Improvements
Cameron, Missouri
OA Project No. 012-0628

THIS CONTRACT AMENDMENT, executed between the City of Cameron, hereinafter called the Client, and Olsson Associates, hereinafter called Olsson, shall amend the above-referenced Agreement dated February 27, 2012.

WITNESSETH, that in accordance of the mutual covenants herein contained, the Client hereby agrees to employ Olsson to perform engineering services hereinafter outlined.

SECTION I - SCOPE OF SERVICES

Olsson agrees to perform engineering services associated with the reconstruction of 8th Street from Harris Street to Godfrey Street. The project scope is only associated with the aforementioned street reconstruction with the exception of providing new storm sewer to serve the intersection of 8th and Lathrop. The existing City water and wastewater utilities in this area are understood to be in good condition.

PHASE 100: DESIGN SERVICES

Task 101 – Project Management and Meetings

Olsson will provide a monthly progress report with each invoice that shows the percent work completed for each task. The monthly report will provide the earned value of each task, the total project progress as a percent of the overall budget, and an update of the project schedule.

Fee $500

Task 102 – Field Survey

General Provisions Section 3.4 is hereby revised, and Olsson will collect and provide the following field survey related information within project limits: Eighth Street, from Harris Street to Godfrey Street.

- Establish horizontal control, datum, and coordinate system: Horizontal control tied to NAD 1983, Missouri State Plane West Zone Datum (City of Cameron Network). Vertical control tied to NAVD 1988 Datum.
- Utility locate coordination through Missouri One-Call and information available from specific utility companies.
- Road sections at/around culverts.
- Topographical survey including utilities, pavement, sidewalk, drive entrances, and appurtenances located within the ROW.
- Measure-downs on storm structures and inlets.
- Property corners and/or monuments for basis of easement descriptions.

- Establish existing Eighth Street (ROW) throughout project and approximate property ownership lines. Survey procedures and criteria shall be determined in accordance with the Missouri Standards for Property Boundary Surveys.
- Provide control data/benchmarks for construction staking by Contractor.

Fee $3,350

Task 103 - Geotechnical Testing

- Field Exploration
    - Olsson will arrange to have public utilities located through the Missouri One-Call system.
    - Olsson proposes to drill four (4) borings along Eighth Street. Each boring will be drilled to a maximum depth of 5 feet below the existing ground surface or to practical auger refusal, whichever occurs first.
    - At the boring locations, an auger will be used to penetrate the pavement section, and the pavement thicknesses will be recorded based on field measurements of the side of the borehole. Soil samples will be obtained at each boring location using thin walled tube or split barrel sampling techniques. Two samples will be obtained in each boring.
    - Olsson will document the thickness of the existing pavement section at each boring location, as well as the thickness of any sub-base material. We will also obtain water level readings in each boring during drilling and immediately upon completion of drilling operations. Upon completion, the borings will be backfilled and the pavement patched with an asphaltic concrete cold mix or a grout.

- Laboratory Services
    - Soil samples obtained from the borings will be returned to our laboratory for testing and visual classification. Testing will include moisture content and dry unit weight on thin walled tube samples, moisture content on split barrel samples, and Atterberg limits tests to aid in classifying the soils using the Uniform Soil Classification System (USCS).

- Engineering Analysis and Report
    - Upon completion of the laboratory testing services, we will prepare a geotechnical engineer report.
    - The report will provide typed boring logs and the results of the laboratory testing program. The report will also provide geotechnical recommendations regarding:
        - Pavement subgrade recommendations
        - Pavement section thicknesses

Fee $4,050

Task 104 – Preliminary Design

- APWA design criteria for the project will be utilized and discussed with the Client.
    - Develop detailed design schedule.
        - Survey Complete (Hard survey)
        - Data Collection Complete
        - Prepare storm water collections design at Lathrop Street/Court
            - Storm Water memo
            - Design notes
            - Modifications to box culvert to accompany storm sewer
        - Preliminary Plans Complete
        - Preliminary Plans sent to all Utilities
        - Field Check Complete
    - Prepare base map at a scale of 1 inch = 20 feet.
    - Prepare an analysis of the construction phasing and traffic control needs to maintain acceptable access to the existing property owners along the project corridor.

Task 105 - Develop preliminary plans (standard details and sheet elements will be utilized from APWA):

- Cover sheet;
- Typical Sections;
- Pavement Design (Client provided, input from geotechnical report);
- Plan and Profile Sheets
    - Plan Scale 1”=20’
    - Profile Scale H= 1”=20’ V=1”=5’
- Preliminary Traffic Control for detailed design sheets and Client standard construction plan sheets.
- Preliminary pavement marking and signing.
- Preliminary surface restoration including sodding and/or seeding standards.
- Preliminary cost estimate shall be furnished based on the experience and qualifications of the consulting Olsson’s best judgment as an experienced and qualified design professional, familiar with the construction industry and advise the Client if, in its opinion, the amount budgeted for construction is not sufficient to adequately design and construct the improvement as requested.

Task 106 - Submittal of Preliminary Plans 50% &75%

- Submit three (3) full-size and three (3) half-size sets of preliminary plans to Client for review. Meet with the Client at the time of delivery to discuss project and point out any concerns that may have resulted from data collection, design, etc.

- Submit two (2) half-size sets of preliminary plans to each utility company for preparation of relocation. 50% and 100%

- Field Check to be performed with representatives of Olsson and the Client at the project site with appropriate detailed plans.

- Provide Engineers Opinion of Probable Cost with each submittal.

Task 107 - Final Design

Olsson will prepare final plans for bidding and construction based on the preliminary plans and incorporating comments received from the previous submittals.

- Cover sheet;

- Typical sections;

- Pavement design;

- Plan and Profile Sheets (Scale as stated in Preliminary Design);

- Intersection Details
    - Curb return information;
    - Ramp locations (at Mead and Nettleton);
    - ADA plan and details (sidewalk and ramps at Lathrop);

- Pavement Marking and Signing;

- Traffic control plan and construction phasing, including detour routing for each phase of the project.

- Prepare a final version of technical specifications and contract documents.

Fee $15,000

PHASE 200: **BIDDING SERVICES**

Task 201- Prepare Notice to Bidders and Issue Documents

Olsson will coordinate the issuance of notices to bidders and the production and distribution of bidding documents. Notices will be placed in the official publications directed by the Client, and in bidding services known to provide data to contractors in the area. In addition, invitations will

be mailed directly to contractors whom the project team and/or the City staff know will be interested in the project. Documents will be available for inspection at Olsson offices.

Task 202 - Answer Questions and Prepare Addenda

Olsson will coordinate answering questions raised by bidders. Addenda will be prepared, as required, to provide clarification to questions. The Client will be informed on a regular basis of any project changes resulting from bidders' questions.

Task 203 - Review and Evaluate Bids

Olsson will attend the bid opening. All bids properly received will be reviewed. Any inconsistencies or irregularities found in the bids will be reported to the Client. Olsson will prepare a bid tabulation of bids received and will distribute the bid tabulation to all bidders. Olsson will evaluate the bids and make a written recommendation to the Client concerning contract award.

Fee $2,200

Phase 300 - CONSTRUCTION PHASE SERVICES

These Services are not included at this time for the Eighth Street from Harris Street to Godfrey Street work.

Exclusions

1. Olsson has not included services for construction staking or construction observation.
2. Olsson will not be involved with direct land acquisition or appraisal proceedings.
3. No landscaping or irrigation design will be completed for this project beyond basic surface restoration standards (seeding and/or sodding).
4. Olsson will not design any utility relocation such as waterline, sewer line, gas, phone, power, etc.
5. A separate contract with an approved/qualified vacuum excavation contractor to locate existing utilities may be necessary and is not included with this agreement. Upon development of the Utility Coordination, the number of utilities, and number of excavations needed, a scope & fee can then be determined.
6. Olsson has not included any design services for sidewalks, cross-walks, ramps, etc. in junction with the street improvements except as noted above.
7. Olsson has not included services for street lighting.
8. Olsson has not included any structural design services such as retaining walls.

SECTION II - COMPENSATION

Compensation for Olsson's Basic Services shall be a lump sum fee of twenty – two thousand six hundred Dollars ($ 25,100.00), including all labor and expenses. Olsson shall submit invoices on a monthly basis that are due upon presentation and shall be considered past due if not paid within 30 calendar days of the due date.

SECTION III - OTHER MATTERS

It is mutually understood and agreed:

A. That all provisions of the original agreement not amended herein shall remain unchanged.

Executed this _____ day of _____ 2012.

OLSSON ASSOCIATES

By By

City of Cameron "Client"

By _____

Title _____

ATTEST:

By_____

Title_____

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