

Council Meeting of July 27, 2016

Agenda Item No. 5f

REQUEST FOR COUNCIL ACTION

SUBJECT: Environmental Clearance of 2 Intersections and 1 Roadway – Amendment No. 1

SUMMARY: Approval of Amendment No. 1 to the Professional Service Agreement with Stanley Consultants, Inc. for the Environmental Clearance of 2 Intersections and 1 Roadway project, in an amount not to exceed \$6,800.00.

FISCAL AND/OR

ASSET IMPACT: Funding will be from Roads Capital Funds.

STAFF RECOMMENDATION:

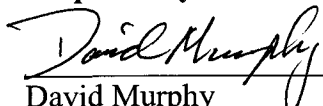
Staff recommends approving Amendment No. 1 to the Professional Service Agreement with Stanley Consultants, Inc. for the Environmental Clearance of 2 Intersections and 1 Roadway project, in an amount not to exceed \$6,800.00.

MOTION RECOMMENDED:

"I move to adopt Resolution No. 16-117 authorizing the Mayor to execute Amendment No. 1 to the Professional Service Agreement with Stanley Consultants, Inc. for the Environmental Clearance of 2 Intersections and 1 Roadway project, in an amount not to exceed \$6,800.00.

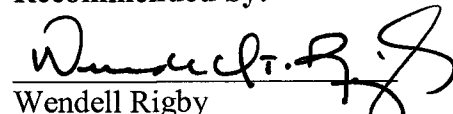
Roll Call vote required

Prepared by:



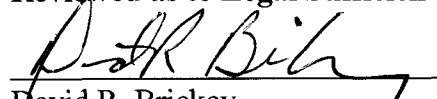
David Murphy
Engineering Manager for CIP

Recommended by:



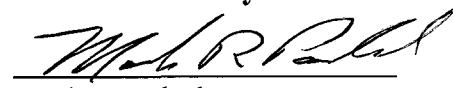
Wendell Rigby
Public Works Director

Reviewed as to Legal Sufficiency:



David R. Brickey
City Attorney

Recommended by:



Mark R. Palesh
City Manager

BACKGROUND DISCUSSION:

The City is working on three Federal Aid projects with the Stanley Group located as follows:

1. 5600 West from 8600 South to 7800 South
2. The intersection of 1300 West and 7800 South
3. The intersection of 4000 West and 9000 South

For the 5600 West project completing a sound study is required to complete the federal environmental document. This contract was originally envisioned as just a categorical exclusion, a sound study for noise wall addition was not in the scope. However, the aesthetic wall under consideration comes very close to “noise wall” action levels required to be vetted environmentally before the work can begin with Federal Aid monies. This contract amendment will allow the noise study to be conducted that will meet this documentation requirement.

Attachments:

Stanley Consultants letter and documentation
Resolution
Amendment No. 1

THE CITY OF WEST JORDAN, UTAH
A Municipal Corporation

RESOLUTION NO. 16-117

A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AMENDMENT NO. 1 TO THE
PROFESSIONAL SERVICES AGREEMENT BETWEEN
THE CITY AND STANLEY CONSULTANTS, INC. FOR THE
ENVIRONMENTAL CLEARANCE OF 2 INTERSECTIONS AND 1 ROADWAY

WHEREAS, the City Council of the City of West Jordan has reviewed Amendment No. 1 to the Professional Services Agreement between the City of West Jordan and Stanley Consultants, Inc. (a copy of which is attached) to provide a noise abatement study for the 5600 West 7800 South to 8600 South roadway, in an amount not to exceed \$6,800.00; and

WHEREAS, the City Council of the City of West Jordan desires to approve Amendment No. 1 to the Professional Services Agreement with Stanley Consultants, Inc. to provide a noise abatement study for the 5600 West 7800 South to 8600 South roadway, in an amount not to exceed \$6,800.00.

NOW, THEREFORE, IT IS RESOLVED BY THE CITY COUNCIL OF WEST JORDAN, UTAH, THAT:

Section 1. After approval as to legal form, the Mayor is hereby authorized and directed to approve Amendment No. 1 to the Professional Services Agreement with Stanley Consultants, Inc. to provide a noise abatement study for the 5600 West 7800 South to 8600 South roadway, in an amount not to exceed \$6,800.00.

Section 2. This Resolution shall take effect immediately upon passage.

Adopted by the City Council of West Jordan, Utah this 27th day of July 2016.

Kim V. Rolfe
Mayor

ATTEST:

MELANIE S. BRIGGS
City Recorder

Voting by the City Council	"AYE"	"NAY"
Council Member Dirk Burton	_____	_____
Council Member Jeff Haaga	_____	_____
Council Member Zach Jacob	_____	_____
Council Member Chris McConnehey	_____	_____
Council Member Chad Nichols	_____	_____
Council Member Sophie Rice	_____	_____
Mayor Kim V. Rolfe	_____	_____

AMENDMENT NO. 1

**City of West Jordan
Environmental Clearance of 2 Intersections and 1 Roadway**

THIS AMENDMENT, made and entered into this 27th day of July 2016 by and between the CITY OF WEST JORDAN, a municipal corporation (hereinafter referred to as "City"), Stanley Consultants (hereinafter referred to as "Consultant").

The City and Consultant agree as to amend the following sections of the original Professional Services Agreement to provide a noise abatement study for the 5600 West 7800 South to 8600 South roadway project. Except as expressly amended hereby, the Professional Services Agreement shall continue in full force and affect in accordance with the provisions thereof.

2. **DESCRIPTION OF SERVICES**

The services to be performed by Consultant are as follows:

Provide additional engineering services for the Environmental Clearance of 2 Intersections and 1 Roadway project as described in the attached Consultant's proposal dated July 11, 2016.

3. **COMPENSATION AND PAYMENT**

The total compensation payable to Consultant by City for the services described in Paragraph 2 shall not exceed the sum of \$6,800 for Amendment No. 1 bringing the total not-to-exceed fee to \$42,960.00 for services under this contract.

In concurrence and witness whereof, this Agreement has been executed by the parties effective on the date and year first above written.

CITY OF WEST JORDAN

Kim V. Rolfe, Mayor

APPROVED AS TO ADMINISTRATION:

Melanie Briggs, City Recorder

APPROVED AS TO LEGAL FORM

City Attorney



A Stanley Group Company
Engineering, Environmental and Construction Services - Worldwide

July 11, 2016

Greg Davenport
West Jordan City
8000 S Redwood Rd
West Jordan, UT 84088

Subject: 5600 West; 7800 South to 8600 South
Out of Scope Task
Contract Modification Request

Dear Greg

As you are aware, on May 10, 2016 Stanley Consultants completed a Noise Study for the above referenced project. We recommended to UDOT that *no noise abatement study would be needed* because: a) the largest anticipated noise increase to sensitive receptors from improvements along this portion of 5600 west would be 2.8 dBA (the UDOT policy to conduct a noise abatement study if noise impacts are modeled at an increase of over 10 dBA) and b) the greatest noise level predicted for any one residence in the 2040 future build model would be 67.5 dBA at a location that currently experiences 66.0 dBA.

On June 9, 2016 UDOT (via email) stated that an analysis for noise abatement (noise walls) is required and referenced a comment to the Stanley Consultants Noise Study which said:

“Although the noise impacts are small, there isn’t anything in the policy that says you don’t need to evaluate abatement of the levels only increase 1 to 3 dBA. Remember that section B – “Analysis of Traffic Noise Impacts” (5)a and (5)b is an “or” statement. So if wither scenario occurs, B (5)a OR B(5)b, then it is considered a noise impact and those areas must be considered for abatement in accordance to policy.”

Section B (5) and (5)b of the UDOT Noise Abatement Policy paper UDOT 08A2-1 (revised February 13, 2014) states:

B. Analysis of Traffic Noise Impacts

5. The Department considers a traffic noise impact to occur when either of the following situations is expected at a sensitive land use:

Greg Davenport
July 11, 2016
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- a. The future worst case noise level is equal to or greater than the Department Noise Abatement Criteria (NAC) in Table 1 for each corresponding land use category, or;
- b. The future worst case noise level is greater than or equal to an increase of 10 dBA over the existing noise level. This impact criterion takes effect regardless of existing noise levels.

The Noise Abatement Criteria (NAC) for predicted future buildout noise levels for residential locations are 67 dBA (FHWA criteria) and 66 dBA (UDOT criteria). The 2040 future buildout model predicts that noise values for 29 of the sensitive receptors (residences) equal or exceed the UDOT criteria of 66 dBA; 21 of which exceed the 67 dBA FHWA criteria (the highest being 67.5 dBA).

Even though the predicted *maximum increase over existing* noise to impacted receptors ranges between only 1.0 and 2.7 dBA, (3dBA is considered a "Barely perceptible change") UDOT has required further Noise Abatement Studies along this corridor.

Stanley Consultants therefore would request a Contract Modification of \$6,800 to perform the above mentioned Noise Abatement Study for 5600 West; 7800 South to 8600 South. This would include the following scope items:

- Develop the model (set up and runs)
- GIS coordination
- QA/QC on model runs
- Coordination with UDOT and modify reports

Please let me know when you would like us to move forward with this new scope of work, in order to complete the project and meet expectations and requirements of West Jordan City and UDOT.

Thanks and Sincerely,



inner

RB:rb