City of Biggs

Agenda Item Staff Report
For Regular City Council Meeting:
May 14, 2013 6:30PM

To: Honorable Mayor
and Members of the City Council

Date: May 8, 2013

From: Steve Speights, PE – City Engineer

Re: 6th Street Bridge Preliminary Engineering
Amendment to Bennett Agreement

Summary:

In the process of complying with Caltrans procedures and coordinating utility relocations, Bennett Engineering Services has encountered work not included in previous Council authorizations and have been directed by Caltrans to include work in the Preliminary Engineering phase normally reserved for the construction phase. We are requesting a scope and fee increase to cover this additional work.

Requested Action:

Approve the Bennett Amendment for $18,204 by voice vote.

Background:

In the process of obtaining permits from regulatory agencies, Army Corp of Engineers, State Water Quality Control Board, and California Fish and Wildlife, we have identified changes to the plans and specs we have not included in our previous authorizations. The draft permit conditions have been onerous to the point of not being able to comply with the conditions and construct the project. This has required negotiations with the permitting agencies and including additional information in the project plans and specs and providing additional information to comply with the permit conditions.

We have prepared and submitted an additional request to Caltrans to authorize the construction phase of the project. This request was not included in previous council authorizations.

Caltrans has directed that the advertizing for bids process be part of the Preliminary Engineering Phase and not part of the construction phase. Normally the end of the engineering phase is the completion of plans and specs.

The attached Scope of Services and Fee Estimate provides a detailed description of the additional services.

Attachments:

Bennett Amendment No 5 Exhibit A, Scope of Services and Exhibit B, Fee Estimate.

EXHIBIT A: Scope of Services

To: Amendment No. 5

Client:	City of Biggs
Consultant:	Bennett Engineering Services Inc
Project:	6th Street Bridge
Date:	May 03, 2013

BEN|EN
TRUSTED ENGINEERING ADVISORS
Bennett Engineering Services
1082 Sunrise Avenue, Suite 100
Roseville, California 95661
T 916.783.4100
F 916.783.4110
www.ben-en.com

Additional Preliminary Engineering Services to include:

Task 1.5 Request for Authorization - Construction

The request for authorization package to obtain construction federal funding requires completion of the following Caltrans Local Assistance forms and coordination with Caltrans staff for review and approvals:

Request for Authorization form (exhibit 3D); Request for Authorization Data Sheets (exhibit 3E); Finance Letter (exhibit 3O); PS&E Certification (exhibit 12C); PS&E Checklist (exhibit 12D); Detailed Engineers Estimate (exhibit 15M); Field Review Form (exhibit 7A).

Task 1.6 Permitting Conditions Re-design/Coordination

Subtask 1.6.1 Army Corps Conditions / Coordination

Review, coordinate, and provide information to Caltrans, Army Corps, and PMC to meet permit conditions.

Subtask 1.6.2 Water Board Conditions / Coordination

Review, coordinate, and provide information to Caltrans, Water Board, and PMC to meet permit conditions

Subtask 1.6.3 Revise Specifications and Plans

Revise and update project Plans and Specifications to assure permitting requirements are incorporated in the construction contract.

Task 1.7 Bidding Assistance

Subtask 1.7.1 Bidding

Prepare documents for bidding the project for construction. This task includes placing an ad in the local paper, providing project documents for bidders, and reviewing Caltrans bidding checklist for compliance with Local Assistance projects.

Subtask 1.7.2 Request for information/Addenda

Review and respond to bidder inquiries including preparing addenda as necessary to provide clarification to bidders. Assumes up to six (6) inquiries and one (1) addendum.

Subtask 1.7.3 Pre-bid Meeting

Arrange for and attend a pre-bid meeting on site.

INITIALS:

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Exhibit B: Fee Estimate

To: **AMENDMENT NO 5 - ADDITIONAL PRELIMINARY ENGINEERING SERVICES**

Client: City of Biggs

Consultant: Bennett Engineering Services Inc

Project: 6th Street Bridge

Date: April 24, 2013

Fee Estimate	Project Manager III Rubio, L. 160 $/hr		Engineer IV Speights, S 148 $/hr		Engineer II Lamb, S 132 $/hr		Engineering Tech II Michel, B. 98 $/hr		Administrative 56 $/hr		BEN|EN Subtotal		MISC. EXPENSES	TOTAL
	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost		
Task 1.5 - Request For Authorization														
1.5.1 - Request for Construction Authorization Package	16 hrs	$2,560	5 hrs	$740	1 hrs	$132	hrs	$0	2 hrs	$112	24 hrs	$3,544	$0	$3,544
Subtotal	**16 hrs**	**$2,560**	**5 hrs**	**$740**	**1 hrs**	**$132**	**hrs**	**$0**	**2 hrs**	**$112**	**24 hrs**	**$3,544**	**$0**	**$3,544**
Task 1.6 - Permitting Conditions Redesign/Coordination														
1.6.1 - Army Corps Conditions/coordination	4 hrs	$640	2 hrs	$296	hrs	$0	hrs	$0	2 hrs	$112	8 hrs	$1,048	$30	$1,078
1.6.2 - Water Board Conditions/coordination	2 hrs	$320	2 hrs	$296	hrs	$0	hrs	$0	2 hrs	$112	6 hrs	$728	$66	$794
1.6.3 - Revise Specs and Plans	4 hrs	$640	2 hrs	$296	4 hrs	$528	8 hrs	$784	hrs	$0	18 hrs	$1,720	$15	$1,735
Subtotal	**10 hrs**	**$1,600**	**6 hrs**	**$888**	**4 hrs**	**$528**	**8 hrs**	**$784**	**4 hrs**	**$224**	**32 hrs**	**$3,496**	**$111**	**$3,607**
Task 1.7 - Bidding Assistance														
1.7.1 - Bidding	4 hrs	$640	8 hrs	$1,184	4 hrs	$528	8 hrs	$784	6 hrs	$336	30 hrs	$3,472	$1,200	$4,672
1.7.2 - RFIs/Addenda	8 hrs	$1,280	4 hrs	$592	8 hrs	$1,056	8 hrs	$784	6 hrs	$336	34 hrs	$4,048	$300	$4,348
1.7.3 - Pre-bid mtg	4 hrs	$640	8 hrs	$1,184	hrs	$0	hrs	$0	2 hrs	$112	14 hrs	$1,936	$97	$2,033
Subtotal	**16 hrs**	**$2,560**	**20 hrs**	**$2,960**	**12 hrs**	**$1,584**	**16 hrs**	**$1,568**	**14 hrs**	**$784**	**78 hrs**	**$9,456**	**$1,597**	**$11,053**
TOTAL	**42 hrs**	**$6,720**	**31 hrs**	**$4,588**	**17 hrs**	**$2,244**	**24 hrs**	**$2,352**	**20 hrs**	**$1,120**	**134 hrs**	**$16,496**	**$1,708**	**$18,204**

* Rates are subject to change with 30-day notice.
* This fee estimate contains an abbreviated list of staff classifications and does not restrict BEN|EN to those classifications. Please see the Standard Rate Schedule for a full list of staff classifications.
* This fee estimate is valid for 90 days.

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