



City of Biggs

Agenda Item for the
Next regular City Council Meeting
February 13, 2018 at 6:30pm

To: Honorable Mayor
And Members of the City Council

Date: February 7, 2018

From: Trin Campos, PE – City Engineer

Subject: Task Order No. 10 to Engineering Services Agreement dated September 1, 2016

Regarding: ATP Cycle 2 – Safe Routes to School Project – Additional Work

Background

This additional work will be completed for the City of Biggs ATP Cycle 2 Safe Routes to School Project as described in the attached Exhibit A - Scope of Services and Exhibit B - Fee Estimate.

The additional work scope includes:

- Electrical Design for street lights at the 6th & B Street Intersection
- Electrical Design for lights along Downtown B Street
- Additional work for UPRR Coordination & Agreements for sidewalk crossings
- Additional Design work for Gas Station and 11th to 10th Street Sidewalk

Budget

The total cost of additional work scope is estimated at \$22,120.

The source of funds for this task order will be City funds.

Recommendation

Staff recommends that the City Council authorize the City Administrator to execute Task Order No. 10 for ATP Cycle 2 – Safe Routes to School Project – Additional Work in the amount of \$22,120.

Exhibit A: Scope of Services

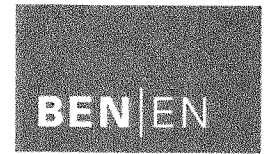
To: City of Biggs

Client: City of Biggs

Consultant: Bennett Engineering Services Inc.

Project: Safe Routes to School Cycle 2 Project

Date: January 29, 2018



TRUSTED ENGINEERING ADVISORS

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Engineering Services to include:

TASK 3. Final Engineering Design (PS&E)

Subtask 3.6 Electrical Design for 6th & B Street Intersection

Y&C will obtain electronic base plan from Bennett Engineering Services (BES) and use VISUAL software to prepare photometric analysis for the B Street/6th Street intersection. Based on the result of photometric analysis, Y&C will prepare lighting plan, specifications, and cost estimate (PS&E) for the B Street/6th Street intersection. It is assumed that the intersection lighting pole will be decorative globe type with 30 feet mounting height. Y&C will submit lighting PS&E to the City of Biggs for review at 65% and 95% level. Any comments by the City will be incorporated into final PS&E.

BEN|EN will incorporate the Electrical Sheets into the plans set as an Additive Bid Alternative to help keep the cost for Electrical separate from the rest of the work.

Subtask 3.7 Electrical Design for Downtown

Y&C will perform photometric analysis for B Street between 6th Street and 7th Street. Based on the result of photometric analysis, Y&C will prepare lighting PS&E for B Street between 6th Street and 7th Street. It is assumed that the street lights on B Street will be decorative post-top type with 20 feet mounting height. Y&C will submit lighting PS&E to the City of Biggs for review at 65% and 95% level. Any comments by the City will be incorporated into final PS&E.

BEN|EN will incorporate the Electrical Sheets into the plans set as an Additive Bid Alternative to help keep the cost for Electrical separate from the rest of the work.

Subtask 3.8 Additional Work for UPRR, Coordination & Agreements

BEN|EN will generate a meets and bounds legal description for the Right of Way easement along UPRR. BEN|EN will generate the design for the southern UPRR crossing along B Street and update the 4 curb ramps associated with the southern crossing.

Subtask 3.9 Additional Design Elements: Gas Station, 11th to 10th Street Sidewalk

BEN|EN will generate the layout and design for multiple options to be presented to the gas station property owner, and guide the selection for the safest pedestrian option. Field visit to acquire gas owner input. BEN|EN will investigate the ROW along B Street between 11th and 10th and update the sidewalk accordingly.

DELIVERABLES:

- Task 3.6 – Photometric Analysis, One sheet of 1"=20' lighting plan, Technical Specifications and Construction Cost Estimate as an additive bid alternative.
- Task 3.7 – Photometric Analysis, One sheet of 1" = 40' Lighting plan, Technical Specifications and Construction Cost Estimate as an additive bid alternative.
- Task 3.8 – Legal Description for UPRR Easement.
- Task 3.9 – 3 Exhibits for Gas Station Property owner.

Exhibit B - Fee Estimate

Task Order No. 10

Client: City of Biggs

Consultant: Bennett Engineering Services Inc

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Fee Estimate	Project Manager III 170 \$/hr		Surveyor IV 180 \$/hr		Engineer II 155 \$/hr		Administrative 70 \$/hr		BEN EN Subtotal		MISC. EXPENSES	Y&C Contract	TOTAL
	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost			
Task 3: Final Engineering Design (PS&E)													
3.6 - Electrical Design for 6th & B Intersection	4 hrs	\$680	hrs	\$0	10 hrs	\$1,550	1 hrs	\$70	15 hrs	\$2,300	\$70	\$4,600	\$6,970
3.7 - Electrical Design for Downtown	4 hrs	\$680	hrs	\$0	10 hrs	\$1,550	1 hrs	\$70	15 hrs	\$2,300	\$0	\$5,750	\$6,050
3.8 - Additional Work for UPRR, Coordination & Agreements	8 hrs	\$1,360	8 hrs	\$1,440	10 hrs	\$1,550	1 hrs	\$70	27 hrs	\$4,420	\$70	\$0	\$4,490
3.9 - Additional Design Elements: Gas Station, 11th to 10th	4 hrs	\$680	hrs	\$0	12 hrs	\$1,860	1 hrs	\$70	17 hrs	\$2,610	\$0	\$0	\$2,610
Subtotal	20 hrs	\$3,400	8 hrs	\$1,440	42 hrs	\$6,510	4 hrs	\$280	74 hrs	\$11,630	\$140	\$10,350	\$22,120
PROJECT TOTAL	20 hrs	\$3,400	8 hrs	\$1,440	42 hrs	\$6,510	4 hrs	\$280	74 hrs	\$11,630	\$140	\$10,350	\$22,120

Additional Fee Information

- ▶ This fee estimate is valid for 90 days.
- ▶ This fee estimate contains an abbreviated list of staff classifications and does not restrict BEN|EN to these classifications. The Standard Rate Schedule with a full list of staff classifications is available upon request.
- ▶ Standard hourly rates do not apply to a demand to perform work during an overtime period. Work required to be performed during an overtime period (as mandated by California law) will be charged at a 50% premium.
- ▶ Substantial changes in the required scope of work or schedule may result in the revision of the proposed fees and total contract amount.

INITIALS:

