



BOARD OF SUPERVISORS AGENDA ITEM REPORT CONTRACTS / AWARDS / GRANTS

☐ Award ☒ Contract ☐ Grant

Requested Board Meeting Date: 08/06/19

* = Mandatory, information must be provided

or Procurement Director Award ☐

***Contractor/Vendor Name/Grantor (DBA):**

AECOM Technical Services, Inc.

***Project Title/Description:**

Bopp Road, Sarasota Boulevard at Kinney Road Improvements (4KINBO)

***Purpose:**

Amendment: Contract No. CT-TR-18-491, Amendment No. Three (3). This amendment increases the contract amount by \$27,992.97 for a cumulative not-to-exceed amount of \$492,079.97 and modifies the scope of work to update the Biological Evaluation Report that was previously submitted to ADOT and to conduct Post-Design Services. Administering Department: Transportation.

***Procurement Method:**

Pursuant to Direct Selection authority of A.R.S §34-103, the Board of Supervisors awarded a contract for Requisition No. 248340 on 02/21/17 in the amount of \$380,000.00 for a contract term of 02/21/17 to 06/30/19. Amendment No. One (1) approved by the Board of Supervisors on 11/21/17, modified scope of work and increased the contract amount by \$84,087.00. Amendment No. Two (2) approved by the Procurement Director on 05/13/19, changed the contract number and extended the term of the contract to 06/30/20.

Attachment: Amendment No. Three (3)

***Program Goals/Predicted Outcomes:**

Final plans will be available for the bidding and construction of Bopp Road, Sarasota Boulevard at Kinney Road Improvements Project.

***Public Benefit:**

The project will improve safety, reduce congestion, improve operations, and increase mobility for commuters along the Kinney Road corridor.

***Metrics Available to Measure Performance:**

Project design is complete, allowing for bidding and construction of intersection.

***Retroactive:**

No.

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22

Document Type: _____ Department Code: _____ Contract Number (i.e.,15-123): _____
Effective Date: _____ Termination Date: _____ Prior Contract Number (Synergen/CMS): _____
☐ Expense Amount: \$* _____ ☐ Revenue Amount: \$ _____

***Funding Source(s) required:**

Funding from General Fund? ☐ Yes ☐ No If Yes \$ _____ % _____

Contract is fully or partially funded with Federal Funds? ☐ Yes ☐ No

If Yes, is the Contract to a vendor or subrecipient? _____

Were insurance or indemnity clauses modified? ☐ Yes ☐ No

If Yes, attach Risk's approval.

Vendor is using a Social Security Number? ☐ Yes ☐ No

If Yes, attach the required form per Administrative Procedure 22-73.

Amendment / Revised Award Information

Document Type: CT Department Code: TR Contract Number (i.e.,15-123): 18-491

Amendment No.: Three (3) AMS Version No.: Five (5)

Effective Date: 08/06/19

New Termination Date: _____

Prior Contract No. (Synergen/CMS): 17-270

☒ Expense or ☐ Revenue ☒ Increase ☐ Decrease Amount This Amendment: \$ 27,992.97

Is there revenue included? ☐ Yes ☒ No If Yes \$ _____

***Funding Source(s) required:** DOT 57 HURF

Funding from General Fund? ☐ Yes ☒ No If Yes \$ _____ % _____

Grant/Amendment Information (for grants acceptance and awards) ☐ Award ☐ Amendment

Document Type: _____ Department Code: _____ Grant Number (i.e.,15-123): _____

Effective Date: _____ Termination Date: _____ Amendment Number: _____

☐ Match Amount: \$ _____ ☐ Revenue Amount: \$ _____

***All Funding Source(s) required:**

***Match funding from General Fund?** ☐ Yes ☐ No If Yes \$ _____ % _____

***Match funding from other sources?** ☐ Yes ☐ No If Yes \$ _____ % _____

***Funding Source:** _____

***If Federal funds are received, is funding coming directly from the Federal government or passed through other organization(s)?**

Contact: Matt Sage, CPPB, Procurement Officer 7/24/19 James Cunningham 7/29/19

Department: Procurement 7/29/19 Telephone: 724-8586

Department Director Signature/Date: _____ 07/29/19

Deputy County Administrator Signature/Date: _____ 7/29/19

County Administrator Signature/Date: _____ 7/29/19
(Required for Board Agenda/Addendum Items)

PIMA COUNTY DEPARTMENT OF TRANSPORTATION

PROJECT: Bopp Road, Sarasota Boulevard at Kinney Road Improvements (4KINBO)

CONTRACTOR: AECOM Technical Services, Inc.
333 E. Wetmore Road
Tucson, AZ 85705

CONTRACT NO.: CT-TR-18-491

AMENDMENT NO.: Three (3)

FUNDING: DOT 57 HURF

CONTRACT TERM: 02/21/17 - 06/30/19	ORIGINAL CONTRACT AMOUNT:	\$	380,000.00
TERMINATION PRIOR AMENDMENT: 6/30/20	PRIOR AMENDMENT(S):	\$	84,087.00
TERMINATION THIS AMENDMENT: 06/30/20	AMOUNT THIS AMENDMENT:	\$	27,992.97
	REVISED CONTRACT AMOUNT:	\$	492,079.97

CONTRACT AMENDMENT

WHEREAS, COUNTY and CONSULTANT have entered into the Contract referenced above; and

WHEREAS, due to a delay with utility coordination CONSULTANT is required to update the Biological Evaluation Report that was previously submitted to ADOT and conduct Post-Design Services; and

WHEREAS, CONSULTANT submitted a Scope of Work and a Fee Schedule that is acceptable to the COUNTY; and

WHEREAS, COUNTY and CONSULTANT have agreed to modify the Contract to reflect these changes.

NOW, THEREFORE, it is agreed as follows:

CHANGE: ARTICLE 2 – SCOPE OF SERVICES as follows:

From: "CONSULTANT agrees to provide Engineering Services and Post Design Services for the COUNTY as described in EXHIBIT A: SCOPE OF WORK (18 pages) and EXHIBIT A-1: ADDITIONAL SERVICES TO SCOPE OF WORK (6 pages), attached hereto and made part of this Contract."

To: "CONSULTANT agrees to provide Engineering Services and Post Design Services for the COUNTY as described in EXHIBIT A: SCOPE OF WORK (18 pages), EXHIBIT A-1: ADDITIONAL SERVICES TO SCOPE OF WORK (6 pages) and **EXHIBIT A-2: ADDITIONAL SERVICES TO SCOPE OF WORK** (2 pages), attached hereto and made part of this Contract."

CHANGE: ARTICLE 3 – COMPENSATION AND PAYMENT, first paragraph as follows:

From: "In consideration of the services specified in this Contract, COUNTY agrees to pay CONSULTANT Not to Exceed Four Hundred Sixty-Four Thousand Eight-Seven Dollars and Zero Cents (\$464,087.00). CONSULTANT'S fees are as stated in EXHIBIT B: CONSULTANT FEE PROPOSAL (20 pages) and EXHIBIT B-1: CONSULTANT FEE PROPOSAL ADDITIONAL SERVICES (17 pages), attached to this Contract."

5.

To: "In consideration of the services specified in this Contract, COUNTY agrees to pay CONSULTANT Not to Exceed Four Hundred Ninety-Two Thousand Seventy-Nine Dollars and Ninety-Seven Cents (\$492,079.97). CONSULTANT'S fees are as stated in EXHIBIT B: CONSULTANT FEE PROPOSAL (20 pages), EXHIBIT B-1: CONSULTANT FEE PROPOSAL ADDITIONAL SERVICES (17 pages) and EXHIBIT B-2: CONSULTANT'S FEE PROPOSAL ADDITIONAL SERVICES (9 pages), attached to this Contract."

ATTACH: EXHIBIT A-2: ADDITIONAL SERVICES TO SCOPE OF WORK (2 pages)
EXHIBIT B-2: CONSULTANT FEE PROPOSAL ADDITIONAL SERVICES (9 pages)

This Amendment shall be effective on August 06, 2019.

All other provisions of the Contract, not specifically changed by this Amendment, shall remain in effect and be binding upon the Parties.

IN WITNESS THEREOF, the Parties have affixed their signatures to this Amendment on the dates written below.

APPROVED:

Chairman, Board of Supervisors

Date

CONSULTANT:

Signature

JENNIFER BIXBY, VICE PRESIDENT
Name and Title (Please Print)

07.30.19
Date

ATTEST:

Clerk of the Board

APPROVED AS TO FORM:

Deputy County Attorney

STACEY ROSEBERRY

Name (Please Print)

7/29/19
Date

EXHIBIT A-2: ADDITIONAL SERVICES TO SCOPE OF WORK (2 pages)

Bopp Road – Sarasota Boulevard at Kinney Road Improvements (4KINBO)
Scope of Work

July 25, 2019

ADDITIONAL SERVICES TO THE ORIGINAL SCOPE OF WORK FOR Design Engineering Services for Bopp Road – Sarasota Boulevard at Kinney Road Improvements (4KINBO)

Amendment No. 3

During the term of this Agreement, the engineering consultant, **AECOM**, (CONSULTANT) shall perform professional services for Pima County (County) in connection with the above referenced project. This scoping document shall be used to plan, conduct, and complete the CONSULTANT's work on the project.

I. BACKGROUND

The existing intersection of Bopp Road (Rd.) and Kinney Rd. is functionally obsolete and needs improvements to accommodate current and future travel demands safely. Current travel demands on Bopp Rd. are causing operational issues at the intersection with Kinney Rd. Traffic is using Donald Avenue as a cut-through route to avoid the existing intersection at Bopp Rd. and Kinney Rd. Improved access to and from Kinney Rd. is needed for traffic on Bopp Rd. The improvements are necessary to reduce the number and severity of crashes and to provide capacity for current and future travel demands. The proposed improvements will result in increased safety and better traffic operations.

II. PROJECT DESCRIPTION

This project consists of realigning Bopp Rd. from where it currently connects with Kinney Rd. to where it will connect with the southerly extension of Sarasota Boulevard (Blvd.) Realigning Bopp Rd. with Sarasota Blvd. will create a four-way intersection at Kinney Rd. and Sarasota Blvd. This will improve traffic safety and operations. The existing alignment of Bopp Rd. will be maintained to provide access for local traffic only. A cul-de-sac at the west end of Bopp Rd. will prevent traffic from continuing west on Bopp Rd.

Tasks that address the additional services include:

TASK 3.1 PROJECT MANAGEMENT

Task 3.1.1 Project Management. Hours were included to cover the work necessary to update and maintain the project budget and other project information in ePM, prepare subconsultant contracts and invoices, and overall project administration during the construction phase.

TASK 3.18 ENVIRONMENTAL ASSESSMENT AND MITIGATION

Task 3.18.2 Biological Evaluation. CONSULTANT will provide an updated biological evaluation based on the previously submitted report.

TASK 3.20 PREPARATION OF CONSTRUCTION DOCUMENTS

Task 3.20.6 Pre-Bid Services. PCDOT will coordinate all Pre-Bid Services and will act as the principal initial contact for pre-bid questions. However, the following additional efforts may be required by the CONSULTANT.

- Attending pre-bid meetings
- Assisting in the preparation of amendments
- Addressing questions on the plans and specifications
- Bid evaluations

TASK 3.21 CONSTRUCTION SERVICES

Task 3.21.1 Construction Services. PCDOT will coordinate all Construction Services and will act as the principal initial contact for construction questions. However, the following additional efforts may be required by the CONSULTANT.

- Attending the pre-construction meeting and partnering meetings if any
- Attending weekly construction meetings at the project site
- Making site observations of the work under construction
- Evaluating and/or recommending changes in the construction documents
- Providing design details and revised drawings as needed to support construction
- Reviewing shop drawings, erection procedure plans, form work details, and proposals for substitutions or "approved alternates"
- Evaluating value engineering proposals
- Preparing the "as-built" documents

These services shall be provided on an as-needed basis. A contract modification will be submitted for any additional scope of services beyond the contract budgeted amount.

END OF EXHIBIT A-2

EXHIBIT B-2: CONSULTANT'S FEE PROPOSAL ADDITIONAL SERVICES (9 pages)



PIMA COUNTY FEE ESTIMATE SUMMARY

PROJECT:	Roadway Planning & Engineering Design Services: Bopp Road – Sarasota Boulevard at Kinney Road Improvements (4KINBO)	DATE:	7/25/2019
PREPARED BY:	Charlene Robinson, PE	CONTRACT NO.:	CT-TR-KINBO
EFFECTIVE DATE:	TBD	CONSULTANT:	AECOM Technical Services, Inc.
CONTRACT TIME:	TBD	CONTRACT TYPE:	As-needed
COMPENSATION:	CPFF		

DIRECT LABOR COST

DESCRIPTION	CLASSIFICATION	No. HOURS Estimated	HOURLY RATE Estimated	TOTAL COST Estimated
		Hours	Rates	Cost
1 Additional Services to the Original Scope of Work	Project Principal	2	\$85.32	\$170.64
	Project Manager	33	\$69.74	\$2,301.42
	Senior Project Engineer	60	\$66.64	\$3,998.40
	Project Engineer/Planner	0	\$54.35	\$0.00
	Drafting/CADD/Graphics	0	\$33.82	\$0.00
	Senior Environmental Scientist	9	\$48.40	\$435.60
	Project Environmental Scientist	0	\$31.39	\$0.00
	Survey Manager	0	\$43.92	\$0.00
	Survey Technician	0	\$38.10	\$0.00
	Project Admin	24	\$27.89	\$669.36

(A) Direct Labor	128 Hrs.			<u>\$7,575.42</u>
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OVERHEAD

(B) OH Rate x (A)	or	139.140%	x	\$7,575.42	=	<u>\$10,540.44</u>
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PROFIT

(C) % Profit Rate x (A+B)	or	10.0%	x	\$18,115.86	=	<u>\$1,811.59</u>
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ESTIMATED OTHER DIRECT EXPENSES

TRAVEL	=	\$0.00
COMMUNICATIONS	=	\$0.00
REPRODUCTIONS	=	\$42.50
EXHIBITS	=	\$0.00
SPECIALIZED VENDORS	=	\$0.00

(D) Estimated Other Direct Expenses	=	<u>\$42.50</u>
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(E) ESTIMATED OUTSIDE SERVICES & SUBCONSULTANT COSTS

SCE	=	\$4,999.70
Wheat Design Group	=	\$3,023.32
Golder Associates	=	\$0.00
Sound Solutions Acoustical Consulting	=	\$0.00
Traffic Research & Analysis, Inc.	=	\$0.00

(F) TOTAL COST FOR ALL SUBCONSULTANT AND OUTSIDE SERVICES	=	<u>\$8,023.02</u>
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ESTIMATED FEES

(G) TOTAL CONSULTANT FEE	=	<u>\$27,992.97</u>
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* The cost estimates included in this proposal are valid for six months from the date of submittal. If the proposal is accepted after said period, AECOM reserves the right to review and retain or modify the cost estimates stated herein in order to appropriately reflect changing costs and salaries and similar economic considerations. Any changes to this scope of work may require a modified estimate.

**Totals may not sum due to rounding.

EXHIBIT A: ESTIMATED DIRECT EXPENSES

TRAVEL: Phoenix Staff				
Mileage:	<u># of Trips</u>	<u>avg. mi. per trip</u>	<u>Cost/mi.</u>	<u>Cost</u>
	0	220	\$0.55	\$0.00
Car:	<u># of Trips</u>		<u>Cost/trip</u>	<u>Cost</u>
	0		\$150.00	\$0.00
Air:	<u># of Trips</u>		<u>Cost/trip</u>	<u>Cost</u>
				\$0.00
Lodging:	<u>Nights</u>	<u>People</u>	<u>Cost/night</u>	<u>Cost</u>
	0	2	\$65.00	\$0.00
Per Diem:	<u>Meal</u>	<u># of Meals</u>	<u>Cost/Meal</u>	<u>Cost</u>
	Breakfast	0	\$8.00	\$0.00
	Lunch	0	\$12.00	\$0.00
	Dinner	0	\$15.00	\$0.00
TOTAL TRAVEL =				\$0

COMMUNICATIONS

	<u>No. of Deliveries</u>	<u>Cost per Delivery</u>	<u>Cost</u>
Fed-Ex, DDS Delivery, etc.	0	\$15.00	\$0.00
			\$0.00
Project Website			\$0.00
Web Hosting Setup			\$0.00
Web Hosting (IH&M) (6 months @ \$50/month)			\$0.00
TOTAL COMMUNICATIONS =			\$0

REPRODUCTIONS:

Plan Submittal/Reports Reproduction (See EXHIBIT B)
PAG (Pima Association of Governments) Orthophoto and DEM/LIDAR \$0

Copies other than reports

	<u>No. of Copies</u>	<u>Cost per Copy</u>	<u>Cost</u>
Color Copies			
8 1/2"x11"	0	\$1.00	\$0.00
11"x17" (Exhibits)	0	\$1.50	\$0.00
Black & White Copies			
8 1/2"x11"	100	\$0.25	\$25.00
11"x17"	50	\$0.35	\$17.50
PS&E 24"x36" Mylars		\$10.00	\$0.00
TOTAL REPRODUCTIONS =			\$42.50

EXHIBITS:

	<u>No. of Copies</u>	<u>Cost per Copy</u>	<u>Cost</u>
Meeting Exhibits on Aerial Photo_200 scale	0	\$8.00	\$0.00
Misc. Meeting Exhibits on Aerial Photo_200 scale	0	\$8.00	\$0.00
TOTAL EXHIBITS =			\$0

SPECIALIZED VENDORS:

	<u>Cost</u>	
	\$0.00	
	\$0.00	
TOTAL SPECIALIZED VENDORS =		\$0
TOTAL OF DIRECT EXPENSE ITEMS =		\$42.50

AECOM
Workhour Estimate by Task

MAIN TASK #	Main TASK Description	SUB TASK #	Sub TASK Description	Project Principal	Project Manager	Senior Project Engineer	Project Engineer	Drafting/CADD/Graphics	Survey Manager	Survey Technician	Senior Env. Scientist	Project Env. Scientist	Project Admin	TOTAL
3.1	PROJECT MANAGEMENT	3.1.1	Project Management	2	12	0	0	0	0	0	0	0	24	
			Task Totals=	2	12	0	0	0	0	0	0	0	24	38
3.18	ENVIRONMENTAL ASSESSMENT AND MITIGATION	3.18.2	Biological Evaluation	0	1	0	0	0	0	0	9	0	0	
			Task Totals=	0	1	0	0	0	0	0	9	0	0	10
3.20	PREPARATION OF CONSTRUCTION DOCUMENTS	3.20.6	Pre-Bid Services	0	8	20	0	0	0	0	0	0	0	
			Task Totals=	0	8	20	0	0	0	0	0	0	0	28
3.21	CONSTRUCTION SERVICES	3.21.1	Construction Services	0	12	40	0	0	0	0	0	0	0	
			Task Totals=	0	12	40	0	0	0	0	0	0	0	52
			TOTAL WORKHOURS	2	33	60	0	0	0	0	9	0	24	128



July 25, 2019
Ms. Charlene Robinson, P.E.
AECOM
333 E. Wetmore Rd., Suite 400
Tucson, AZ 85705

**RE: Bopp Road, Sarasota Boulevard at Kinney Road Improvements (4KINBO)
Contract Amendment for Post Design Services**

Dear Charlene,

Per your request, we are submitting a contract amendment for post design services for the Bopp Road project. It is anticipated that some of tasks may include the following:

1. Attending the pre-construction meeting and partnering meetings if any
2. Attending weekly construction meetings at the project site
3. Making site observations of the work under construction
4. Evaluating and/or recommending changes in the construction documents
5. Providing design details and revised drawings as needed to support construction
6. Reviewing shop drawings, erection procedure plans, form work details, and proposals for substitutions or "approved alternates"
7. Evaluating value engineering proposals
8. Preparing the "as-built" documents.

These services will be performed on a time and materials basis up to a fee of \$4,999.70. The fee proposal is attached to this letter as well.

Please feel free to call me at (520) 668-8681 if you have any questions.

Sincerely,
SCE Engineering

A handwritten signature in black ink, appearing to read "Edie Griffith-Mettrey", written over the printed name.

Edie Griffith-Mettrey, P.E.
Principal

FEE ESTIMATE SUMMARY

PROJECT: Bopp Road: Sarasota Blvd at Kinney Rd DATE: 07/26/19

PREPARED BY: Edie Griffith-Metley, SCE Engineering CONTRACT NO.: 4KINBO

EFFECTIVE DATE: CONSULTANT (PRIME) AECOM

CONTRACT TIME: CONTRACT TYPE: Time & Materials

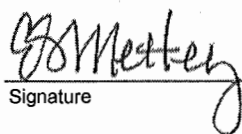
METHOD OF COMPENSATION: Monthly

DIRECT LABOR COST

ITEM						
No.	TASK DESCRIPTION		No. HOURS	HOURLY RATE	TOTAL COST	
			Estimated	Estimated	Estimated	
			Hours	Rates	Cost	
1	Post Design Services					
	<u>CLASSIFICATION</u>					
	Principal Engineer		0	\$75.00	\$0.00	
	Project Manager		1	\$60.00	\$60.00	
	Project Engineer		34	\$46.00	\$1,564.00	
	Engineer/Designer		5	\$40.00	\$200.00	
	Project Admin		0	\$30.00	\$0.00	
(A)	Direct Labor		40 Hrs.			<u>\$1,824.00</u>
OVERHEAD						
(B)	OH Rate x (A)	or	151.67%	x	\$1,824 =	<u>\$2,766.46</u>
PROFIT						
(C)	% Profit Rate x (A+B)	or	8.0%	x	\$4,590 =	<u>\$367.24</u>

ESTIMATED OTHER DIRECT EXPENSES

TRAVEL						\$0.00
PLOTTING						\$0.00
REPRODUCTIONS						\$42.00
EXHIBITS						\$0.00
SPECIALIZED VENDORS (PAG)						\$0.00
INDEPENDENT PEER REVIEW						\$0.00
REPORTS						\$0.00
VAN/BUS RENTAL						\$0.00
(D)	Estimated Other Direct Expenses				=	<u>\$42</u>
(E) ESTIMATED OUTSIDE SERVICES & SUBCONSULTANT COSTS						
(F)	TOTAL COST FOR ALL SUBCONSULTANT AND OUTSIDE SERVICES				=	<u>\$0</u>
ESTIMATED FEES						
(G)	TOTAL CONSULTANT FEE				=	<u>\$4,999.70</u>



7-25-2019

Signature

Date

July 25, 2019

Charlene J. Robinson, P.E.
AECOM
333 East Wetmore, Suite 400
Tucson, Arizona 85705

Re: Bopp Road- Sarasota Blvd to Kinney Rd Improvements –Contract Modification No. 3 for construction services

Dear Charlene,

We are pleased to submit this contract modification for landscape architectural construction services for the Bopp Road project. For this contract modification, WDG scope includes the following tasks:

- Attending the pre-construction meeting
- Attending construction meetings at the project site (3 max.)
- Evaluating and/or recommending changes in the construction documents
- Providing design details and revised drawings as needed to support construction
- Reviewing shop drawings and proposals for substitutions or "approved alternates"
- Preparing the "as-built" documents

Total Consultant Fee is not to exceed \$3,023.32. Work will be provided on a lump sum basis, billed monthly based on percent of work completed. Work beyond this scope will be considered additional services and will not proceed without approval from the Client.

Sincerely,



Laura Mielcarek, Principal
Wheat Design Group, Inc.

**PIMA COUNTY
FEE ESTIMATE SUMMARY**

PROJECT: Contract Modification No. 3 - Construcion Services
Bopp Road: Sarasota Blvd to Kinney Road Improvements

DATE: 07/25/19

PREPARED BY: Laura Mielcarek, Principal

CONTRACT NO.:

EFFECTIVE DATE:

CONSULTANT: Wheat Design Group, Inc.

CONTRACT TIME:

CONTRACT TYPE: CPFF

METHOD OF COMPENSATION:

DIRECT LABOR COST

<u>CLASSIFICATION</u>	<u>No. HOURS Estimated Hours</u>	<u>HOURLY RATE Estimated Rates</u>	<u>TOTAL COST Estimated Cost</u>
Principal	3	\$48.00	\$144.00
Project Manager/RLA	18	\$36.00	\$648.00
Designer	6	\$27.00	\$162.00

(A) Direct Labor	27 Hrs.	<u>\$954.00</u>
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OVERHEAD

(B) OH Rate x (A)	or	188.10%	x	\$954.00	=	<u>\$1,794.47</u>
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PROFIT

(C) % Profit Rate x (A+B)	or	10.0%	x	\$2,748.47	=	<u>\$274.85</u>
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ESTIMATED OTHER DIRECT EXPENSES

TRAVEL	\$0.00
PLOTTING	\$0.00
REPRODUCTIONS	\$0.00
EXHIBITS	\$0.00
SPECIALIZED VENDORS	\$0.00
REPORTS	\$0.00
VAN/BUS RENTAL	\$0.00

(D) Estimated Other Direct Expenses	=	<u>\$0.00</u>
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(E) ESTIMATED OUTSIDE SERVICES & SUBCONSULTANT COSTS		<u>\$0.00</u>
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(F) TOTAL COST FOR ALL SUBCONSULTANT AND OUTSIDE SERVICES	=	<u>\$0.00</u>
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ESTIMATED FEES

(G) TOTAL CONSULTANT FEE	=	<u>\$3,023.32</u>
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Workhour Estimate by Task - Bopp Road Mod. 3 for Construction Services

MAIN TASK #	Main TASK Description	Sub TASK Description	Principal	Project Manager/RLA	Designer	TOTAL
3.21	Construction Services	Attending the pre-construction meeting	0	3	0	3
		Attending construction meetings at the project site (3 max.)	0	6	0	6
		Evaluating and/or recommending changes in the construction documents	2	3	0	5
		Providing design details and revised drawings as needed to support construction	0	2	2	4
		Reviewing shop drawings and proposals for substitutions or "approved alternates"	1	2	2	5
		Preparing the "as-built" documents	0	2	2	4
		TOTAL HOURS	3	18	6	27

END OF EXHIBIT B-2