

RESOLUTION NO. 2015-59

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MARINA APPROVING AMENDMENT NO. 1 TO THE AGREEMENT BETWEEN THE CITY OF MARINA AND RBF CONSULTING OF WALNUT CREEK, CALIFORNIA, FOR ENGINEERING SERVICES FOR THE DEL MONTE BOULEVARD AND BEACH ROAD INTERSECTION IMPROVEMENT PROJECT, EXTENDING THE TERM OF THE AGREEMENT TO PROVIDE FOR THE ADDITIONAL SERVICES, INCREASING THE COMPENSATION TO BE PAID TO RBF CONSULTING BY AN AMOUNT NOT TO EXCEED \$59,774, AND; AUTHORIZING THE CITY MANAGER TO EXECUTE AMENDMENT NO. 1 ON BEHALF OF CITY SUBJECT TO FINAL REVIEW AND APPROVAL BY THE CITY ATTORNEY

WHEREAS, on October 22, 2012, the City of Marina was awarded the Highway Safety Improvement Program (HSIP) grant of \$325,000 to construct a traffic signal at the Del Monte Blvd. and Beach Rd. intersection. On November 6, 2013, the City received Caltrans' authorization to proceed with preliminary engineering for the signalization project, and;

WHEREAS, at the regular meeting of December 18, 2012, the City Council adopted Resolution No. 2012-197, approving an update to the five (5) year City Capital Improvement Program (CIP). Included in the approved CIP project list was the Del Monte Blvd & Beach Rd project (TI 29) for traffic signalization of the intersection, and;

WHEREAS, at the regular meeting of November 10, 2013, the City Council adopted Resolution No. 2013-165, approving an agreement between the City of Marina and RBF Consulting, of Walnut Creek, California, to provide design services for the Del Monte Blvd. and Beach Rd. Traffic Signalization Project, and;

WHEREAS, upon the request of the City Manager, staff conducted a preliminary investigation as to the application of a roundabout at the intersection of Beach Road and Del Monte Boulevard. With the current and projected traffic counts, staff has concluded that a one-lane roundabout is feasible at the intersection within the current design provided by RBF Consulting, and;

WHEREAS, RBF Consulting will complete the intersection improvement design with the new roundabout as well as provide a Roundabout Operations Memorandum to Caltrans for a scope of work revision to the HSIP grant for additional funding.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Marina does hereby:

1. Approve Amendment No 1 to the Agreement between City of Marina and RBF Consulting of Walnut Creek, California, for engineering services for the Del Monte Boulevard and Beach Road Intersection Improvement Project, extending the term of the agreement to provide for the additional services and increasing the amount to be paid to RBF Consulting by an amount not to exceed \$59,774, and;
2. Authorize City Manager to execute agreements on behalf of City subject to final review and approval by the City Attorney.
3. Direct staff to hold a community meeting to provide information and feedback from members of the public.

PASSED AND ADOPTED by the City Council of the City of Marina at a regular meeting duly held on the 19<sup>th</sup> day of May 2015, by the following vote:

AYES, COUNCIL MEMBERS: Amadeo, Brown, Morton, Delgado

NOES, COUNCIL MEMBERS: O'Connell

ABSENT, COUNCIL MEMBERS: None.

ABSTAIN, COUNCILMEMBERS: None.

ATTEST:

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Bruce C. Delgado, Mayor

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Anita Flanagan, Deputy City Clerk

May 12, 2015

Item No. **8g(1)**

Honorable Mayor and Members  
of the Marina City Council

City Council Meeting  
of May 19, 2015

**CITY COUNCIL CONSIDER ADOPTING RESOLUTION NO. 2015- ,  
APPROVING AMENDMENT NO. 1 TO THE AGREEMENT BETWEEN THE  
CITY OF MARINA AND RBF CONSULTING OF WALNUT CREEK,  
CALIFORNIA, FOR ENGINEERING SERVICES FOR THE DEL MONTE  
BOULEVARD AND BEACH ROAD INTERSECTION IMPROVEMENT  
PROJECT, EXTENDING THE TERM OF THE AGREEMENT TO PROVIDE  
FOR THE ADDITIONAL SERVICES, AND INCREASING THE  
COMPENSATION TO BE PAID TO RBF CONSULTING BY AN AMOUNT  
NOT TO EXCEED \$59,774, AND; AUTHORIZING THE CITY MANAGER TO  
EXECUTE AMENDMENT NO. 1 ON BEHALF OF CITY SUBJECT TO FINAL  
REVIEW AND APPROVAL BY THE CITY ATTORNEY**

**REQUEST:**

It is requested that the City Council consider:

1. Approving Amendment No 1 to the Agreement between City of Marina and RBF Consulting of Walnut Creek, California, for engineering services for the Del Monte Boulevard and Beach Road Intersection Improvement Project, extending the term of the agreement to provide for the additional services and increasing the amount to be paid to RBF Consulting by an amount not to exceed \$59,774.
2. Authorizing the City Manager to execute Amendment No. 1 on behalf of City subject to final review and approval by the City Attorney.

**BACKGROUND:**

On October 22, 2012, the City of Marina was awarded the Highway Safety Improvement Program (HSIP) grant of \$325,000 to construct a traffic signal at the Del Monte Blvd. and Beach Rd. intersection. On November 6, 2013, the City received Caltrans' authorization to proceed with preliminary engineering for the signalization project.

At the regular meeting of December 18, 2012, the City Council adopted Resolution No. 2012-197, approving an update to the five (5) year City Capital Improvement Program (CIP). Included in the approved CIP project list was the Del Monte Blvd & Beach Rd project (TI 29) for traffic signalization of the intersection.

At the regular meeting of November 10, 2013, the City Council adopted Resolution No. 2013-165, approving an agreement between the City of Marina and RBF Consulting, of Walnut Creek, California, to provide design services for the Del Monte Blvd. and Beach Rd. Traffic Signalization Project.

**ANALYSIS:**

Upon the request of the City Manager, staff conducted a preliminary investigation as to the application of a roundabout at the intersection of Beach Road and Del Monte Boulevard. With the current and projected traffic counts, staff has concluded that a one-lane roundabout is feasible at the intersection within the current design provided by RBF Consulting.

RBF Consulting will complete the intersection improvement design with the new roundabout as well as provide a Roundabout Operations Memorandum to Caltrans for a scope of work revision to the HSIP grant for additional funding. A more detailed scope of work for this amendment can be found within the attached contract amendment (**EXHIBIT “A”**).

**FISCAL IMPACT:**

Should the City Council approve this request, adequate funding is available through the Capital Improvement Project, Del Monte Blvd & Beach Rd, Account No. 62.312.

**CONCLUSION:**

The request is submitted for City Council consideration and possible action.

Respectfully submitted,

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Edrie Delos Santos, P.E.  
Senior Engineer, Engineering Division  
Community Development Department  
City of Marina

**REVIEWED/CONCUR:**

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Nourdin Khayata, P.E.  
Acting City Engineer, Engineering Division  
Community Development Department  
City of Marina

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Theresa Szymanis, AICP CTP  
Acting Director  
Community Development Department  
City of Marina

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Layne Long  
City Manager  
City of Marina

**AMENDMENT NO. 1  
TO THE AGREEMENT FOR ENGINEERING SERVICES FOR  
THE DESIGN OF INTERSECTION IMPROVEMENTS AT DEL MONTE BOULEVARD  
AND BEACH ROAD**

**THIS AMENDMENT NO. 1** ("Amendment No. 1") to the Agreement entered into between the City of Marina ("City") and RBF Consulting ("Contractor") on January 28, 2014 (the "Agreement") is made and entered into on \_\_\_\_\_, 2015, by and between those Parties. City and Contractor are sometimes individually referred to as "Party" and collectively as "Parties" in this Amendment No. 1.

**Recitals**

- A. City desires to retain Design Professional to provide engineering services, preparing a separate project for the proposed Del Monte Boulevard Improvements (plans dated 11/25/08) for the intersection of Del Monte Boulevard and Beach Road (from approximately station 19+00 to station 26+00).
- B. Contractor represents and warrants that it has the qualifications, experience and personnel necessary to properly perform the services as set forth herein.
- C. City desires to retain Design Professional to provide such services.

In consideration of the mutual promises contained herein, City and Contractor agree that the Terms and Conditions set forth herein are incorporated into the Agreement. Only the provisions of the numbered sections of the Agreement which are being amended hereby are included in this Amendment No. 1, and all other terms and conditions of the Agreement shall remain unchanged.

Section 1.(a) of the Agreement "Scope of Work" is hereby deleted in its entirety and replaced with the following:

**"1.(a) Compensation.**

- (a) Contractor is hereby hired and retained by the City to work in a cooperative manner with the City to fully and adequately perform those services set forth in Exhibit "A" and Exhibit "A.1" attached hereto ("Scope of Work") and by this reference made a part hereof. With prior written notice to Contractor, City may elect to delete certain tasks of the Scope of Work at its sole discretion."

Section 2.(a) of the Agreement "Term of Agreement & Commencement of Work" is hereby deleted in its entirety and replaced with the following:

**“2.(a) Term of Agreement & Commencement of Work.”**

(a) Unless otherwise provided, the term of this Agreement shall begin on the date of its full execution and shall expire on June 30, 2016, unless extended by amendment or terminated earlier as provided herein. The date of full execution is defined as the date when all of the following events have occurred:”

Section 3.(a) of the Agreement “Compensation” is hereby deleted in its entirety and replaced with the following:

**“3.(a) Compensation.”**

(a) City liability for compensation to Contractor under this Agreement shall only be to the extent of the present appropriation to fund this Agreement. For services to be provided under this Agreement City shall compensate Contractor in an amount not to exceed One Hundred and Four Thousand Seven Hundred Thirty dollars (\$104,730.00) in accordance with the provisions of this Section and the Cost Estimates attached hereto as Exhibit “B” and Exhibit “B.1” and incorporated herein by this reference.”

In all other respect the Agreement remains enforceable in accordance with its terms and in full force effect.

**IN WITNESS WHEREOF**, Contractor and the City by their duly authorized representatives, have executed this Amendment No. 1 on the date first set forth above, at Marina, California.

**CITY OF MARINA**

**CONTRACTOR**

By: \_\_\_\_\_  
Name: Layne Long  
Its: City Manager  
Date: \_\_\_\_\_

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Its: \_\_\_\_\_  
Date: \_\_\_\_\_

Attest:

By: \_\_\_\_\_  
City Clerk

Approved as to form:

By: \_\_\_\_\_  
City Attorney

## SCOPE OF WORK

**Task 10      Utility Coordination**

RBF will submit an application to PG&E for relocation of the existing 16" gas line within the project limits and for relocation of power poles that are in conflict with the intersection improvements as shown on the current demolition plans. RBF will provide consultation with PG&E. This task is limited to 20 hours.

**Task 11      Project Meeting Attendance**

RBF will attend two meetings with the City of Marina to review the progress of the work included with this contract and to provide consulting services. Additional meetings and consulting services will be performed, if required, on an hourly basis for an additional fee.

**Task 12      Project Management**

RBF will provide project management, general project coordination, scheduling and progress reporting. RBF will submit monthly progress reports that will include progress to date, identification of problem areas, evaluations, recommendations and steps for the Project Team to follow to resolve issues.

**Task 13      Geometric Approval Drawings**

RBF will provide revised project geometry to eliminate the need for right of way acquisition. RBF will prepare preliminary drawings at a scale of 1"=40' which will reflect the preliminary information, detailing number of lanes and widths, horizontal alignment, transitions, and join conditions to gain City approvals of the preliminary drawings before commencing with final plans, specifications, and estimates.

Based on staff review, the RBF Team will revise the geometric drawings and establish the final base plans for the PS&E phase of the project. Based on the revised geometric drawings, we will prepare a preliminary cost estimate to be used as the basis for value engineering.

**Task 04      Street Improvement Plans**

RBF will revise previously approved plans to incorporate only the reduced area and conforms back to existing conditions.

<b>Plan</b>	<b>Estimated Number of Sheets</b>
Title Sheet	1
Key Map and Horizontal Control	1
Typical Sections & Details	2
Demolition Plan	1
Plan & Profile (including Storm Drain)	3
Design Cross Sections	1
Signing and Striping Plan	..1
<b>Total</b>	<b>10</b>

**Task 15 Traffic Signal & Intersection Lighting Plans**

RBF will prepare new traffic signal and intersection lighting plans for the intersection of Del Monte Boulevard at Beach Road.

The traffic signal and intersection lighting plans will show installation of traffic signal equipment at the intersection based on the proposed intersection improvements. A traffic signal detail sheet will be prepared showing traffic signal details.

The traffic signal and intersection lighting plans will be prepared at a scale of 1"=20' and in accordance with requirements of the Manual on Uniform Traffic Control Devices (MUTCD), Caltrans Standard Plans and Specifications and The City of Marina.

It is anticipated that two sheets will be required or the task.

**Task 16 Final Quantity and Cost Estimates**

RBF will prepare final quantity take off and cost estimates for each plan submittal 90% and 100%. The final quantity calculations will be utilized in the preparation of the bid schedule.

**Task 17 Specifications**

RBF will modify previous contract documents prepared in accordance with the requirements of the City of Marina. The City will provide its current "boilerplate" contract forms, general conditions, and general provisions on a diskette in Word format. Consultant will modify this "boilerplate" information and add the technical provisions for this Project.

**Task 18 Processing of TAMC Encroachment Permit/ Maintenance Agreement**

RBF will coordinate with Transportation Agency for Monterey County (TAMC) processing of the encroachment permit and maintenance agreement. This task is limited to 12 hours.

**Task 19 Bid and Award Support Services**

RBF will provide services during the bidding phase of the project by responding to questions, preparing addenda, and assisting with final review of bid, if requested by the City. Services will be provided on a time and material basis within the budget established under the fee section.

**Task 20 Construction Support Services**

RBF will provide services during the construction phase of the project by responding to questions, preparing plan revisions as required and assisting with the review of shop drawings. Services will be provided on a time and material basis within the budget established under the fee section.

**Additional Services**

Services that are not specifically identified herein as services to be performed by RBF or its consultants are considered "Additional Services" for purposes of this Agreement. Client may request that RBF perform services that are considered Additional Services. However, RBF is not obligated to perform such Additional Services unless an amendment to this Agreement has been fully executed setting forth the scope, schedule and fee for such Additional Services. In the event RBF performs Additional Services before receipt of such executed amendment, Client acknowledges its obligation to pay for such services at RBF's standard rates, within 30 days of receipt of RBF's invoice.

**Proposed Scope of Work  
Del Monte Boulevard  
Amendment**

A. The Consultant proposes to provide the following services:

**Task 21 Project Meeting Attendance and Coordination**

RBF will attend one meeting with the City of Marina to review the progress of the work included with this contract and to provide consulting services. Additional meetings and consulting services will be performed, if required, on an hourly basis for an additional fee. A budget of 12 hours has been established for RBF for this task.

RBF will provide project management, general project coordination, scheduling and progress reporting. RBF will submit monthly progress reports that will include progress to date, identification of problem areas, evaluations, recommendations and steps for the Project Team to follow to resolve issues.

KAI will attend up to two project team meetings in the Monterey area. It is assumed that one of the two meetings will be with TAMC. This task includes meeting preparation and travel time. KAI will provide general consultation over the phone as requested. A budget of 20 hours has been established for KAI for this task.

**Task 22A Roundabout Operations Memorandum**

Roundabout capacity and operations will be evaluated by KAI at the study intersection using the 2010 HCM methodology with California calibration factors (recommended in the Caltrans document "Roundabout Geometric Design Guidance" dated June 2007) as applied in the Sidra Intersection software. Roundabout operations will be evaluated based on the design year traffic scenarios provided by the City. KAI recommends, and has assumed, that the following design year traffic scenarios will be provided:

- Opening day weekday AM and PM forecasted peak hour movements.
- Design year weekday AM and PM forecasted peak hour movements.

This task will identify the lane configurations (number of turn and through lanes), geometries (length of turn bays, taper/transition length, etc.), lane storage length requirements, inscribed circle diameter, number of circulatory lanes, and central island diameter. Pedestrian and bicycle volumes (if known) will be included in the simulation model.

If design year roundabout operations exceed the capacity of a single lane roundabout, KAI will conduct a phasing analysis to identify "incremental" lane configurations (number of turn and through lanes) and geometries (length of turn bays, taper / transition length, circulatory lanes, etc.) from the existing conditions. The purpose of the phasing analysis is to identify potential improvements with a service life that exceeds 10 years but may fall

short of the design year traffic scenario. As part of this task, a concept phasing plan will be developed to accommodate future traffic demand, when realized.

*Deliverable: Technical memorandum summarizing the results of the roundabout operations analysis.*

### **HSIP Benefit / Cost Update**

KAI will update the benefit/cost calculations from the current calculations to reflect the conversion of the study intersection to a roundabout. The benefit/cost calculation will be done through the Transportation Injury Mapping System (TIMS) Benefit/Cost Ratio Calculation Tool consistent with the HSIP application requirements.

The annual and improvement life benefit as well as the overall benefit/cost ratio will be calculated based on the crash reduction factor associated with the conversion of an intersection to a roundabout and the total cost of the project.

It is assumed no other updates to the HSIP application will be performed by KAI.

*Deliverable: Updated HSIP Application and TIMS B/C Ratio Output Summary Sheet for Roundabout Conversion*

### **Task 228 Roundabout Design Support and Peer Review**

KAI will provide as-needed roundabout design support services. In addition, KAI will provide one round of peer review of the roundabout, assumed to occur at the 65% level of completeness. For the peer review, KAI will review construction plans provided by the Client in pdf format. KAI will provide red-line mark-ups on the construction plans and return to the Client no later than 10 working days after receipt of the plans. Plan review will be limited to general conformance with roundabout design principles per NCHRP Report 672: Roundabouts: An Informational Guide, Second Edition.

*A budget of 20 hours has been established for this time and materials task.*

### **Task 23 Geometric Approval Drawings**

RBF will provide revised project geometry for the roundabout design. RBF will prepare preliminary drawings at a scale of 1"=40' which will reflect the preliminary information, detailing number of lanes and widths, horizontal alignment, transitions, and join conditions to gain City approvals of the preliminary drawings before commencing with final plans, specifications, and estimates. Preliminary centerline and curb profiles will be provided to identify grading limits and drainage impacts.

Based on staff review, the RBF Team will revise the geometric drawings and establish the final base plans for the PS&E phase of the project. Based on the revised geometric drawings, a preliminary cost estimate will be prepared to provide the City with a magnitude of cost for the roundabout.

## **Task 24 Street Improvement Plans**

RBF will revise the following previously approved plans to incorporate the roundabout design.

<b>Plan</b>	<b><u>Estimated Number of Sheets</u></b>
Title Sheet	1
Key Map and Horizontal Control	1
Typical Sections & Details	3
Demolition Plan	1
Plan & Profile (including Storm Drain)	4
Design Cross Sections	2
Signing and Striping Plan	.1
<b>Total</b>	<b>14</b>

## **Task 25 Intersection Lighting Plans**

Kimley-Horn will prepare new intersection lighting plans for the roundabout intersection at Del Monte Boulevard at Beach Road.

The intersection lighting plans will show installation of lighting at the intersection based on the proposed roundabout intersection improvements. Design will follow standard practice for lighting of a roundabout intersection.

Kimley-Horn will prepare lighting illumination calculations which shows the proposed lighting type, location and fixtures, as well as existing equipment, illuminance throughout the project, and a summary report for the roadway. Criteria to be provided by the City.

Once the report is approved Kimley-Horn will proceed with the bidding documents. Plans, specifications, and cost estimates (PS&E) for the construction work will be developed using the applicable City Standard Plans and Specifications provided by the City of Marina. RBF will review the lighting base plan to identify and resolve conflicts prior to the formal PS&E submittal.

The intersection lighting plans will be prepared at a scale of 1"=40' and in accordance with requirements of the Manual on Uniform Traffic Control Devices (MUTCD). Caltrans Standard Plans and Specifications and The City of Marina. It is anticipated that two sheets will be required for the task.

## **Task 26 Final Quantity and Cost Estimates**

RBF will prepare final quantity take off and cost estimates for each plan submittal at 90% and 100%. The final quantity calculations will be utilized in the preparation of the bid schedule.

**Task 27        Specifications**

RBF will modify previous contract documents prepared in accordance with the requirements of the City of Marina. The City will provide its current "boilerplate" contract forms, general conditions, and general provisions on a diskette in Word format. Consultant will modify this "boilerplate" information and add the technical provisions for this Project.

**Task 28        Processing of TAMC Encroachment Permit/ Maintenance Agreement**

RBF will coordinate with Transportation Agency for Monterey County (TAMC) processing of the encroachment permit and maintenance agreement. This task is limited to 8 hours.

**Task 29        *Optional Landscape & Irrigation Plans***

If requested, RBF will prepare one set of final landscape and irrigation plans, specifications and estimates in sufficient form and detail to obtain City approval and, to bid and construct the landscape improvements. The plans will be prepared based on site opportunities and constraints, client design goals and objectives and City standards. The drawings and specifications will be combined with the civil improvements and include 1 irrigation plan, 2 irrigation detail sheets, 1 planting plans and 1 planting detail sheet. The plans will be submitted at the 60% (concept phase), 90% and 100% stages of completion. Criteria to be provided by the City. It is assumed that there is an existing irrigation service point that serves the landscaping in the median.

**Additional Services**

Services that are not specifically identified herein as services to be performed by RBF or its consultants are considered "Additional Services" for purposes of this Agreement. Client may request that RBF perform services that are considered Additional Services. However, RBF is not obligated to perform such Additional Services unless an amendment to this Agreement has been fully executed setting forth the scope, schedule and fee for such Additional Services. In the event RBF performs Additional Services before receipt of such executed amendment, Client acknowledges its obligation to pay for such services at RBF's standard rates, within 30 days of receipt of RBF's invoice.

**Assumptions**

1. The design will be for a single lane roundabout.
2. Revising previously prepared plans, no new sheets required.
3. No additional survey will be required.

Proposed Compensation  
Del Monte Boulevard

The Client agrees to compensate RBF for such services as follows. Billing will be monthly on a time and materials basis plus the direct cost of reimbursable expenses as indicated on the attached spreadsheet.

TASK#	DESCRIPTION	Sub Consultant + 10%	Project Manager Hours	Senior Engineer Hours	Project Engineer/ Designer Hours	2 Person Survey Crew Hours	Final Hours Total	Final Fee Total
<b>DESIGN &amp; CONSTRUCTION SUPPORT SERVICES</b>								
2.10	Utility Coordination		12	0	8	0	20	\$3,304.00
2.11	Project Meeting Attendance		16	0	0	0	16	\$3,040.00
2.12	Project Management		20	0	0	0	20	\$3,800.00
2.13	Geometric Approval Drawings		4	4	32	0	40	\$5,448.00
2.14	Street Improvement PIs		6	4	60	0	70	\$9,412.00
2.15	Traffic Signal & Intersection Lighting PIs		2	0	6	0	8	\$1,148.00
2.16	Final Quantity and Cost Estimates		2	0	6	0	8	\$1,148.00
2.17	Specifications		8	0	2	0	10	\$1,776.00
2.18	Processing of TAMC Permit Agreement		8	0	4	0	12	\$2,032.00
2.19	Bid and Award Support Services		4	0	4	0	8	\$1,272.00
2.20	Construction Support Services		8	0	8	0	16	\$2,544.00
	<b>Total</b>	\$0.00	90	20	182	0	292	\$43,356.00
	Hourly Rate		\$190.00	\$148.00	\$128.00	\$220.00		
	<b>TOTAL FEE</b>	\$0.00	\$17,100.00	\$2,960.00	\$23,296.00	\$0.00		\$43,356.00
	Reimbursable Expense Budget							\$1,600.00
	<b>GRAND TOTAL</b>							\$44,956.00

DEL MONTE BOULEVARD AND BEACH ROAD PROJECT  
AMENDMENT PROPOSED COMPENSATION

Prepared by: RBF Consulting  
Prepared for: City of Marina

RBF Job No: 35-100762  
Date: 5/5/2015

AMENDMENT#. TASK#	DESCRIPTION	Sub Consultant+ 10%	Project Manager Hours	Engineer/ Landscape Architect Hours	PrOjeCt Engineer/ Designer Hours	2 Person Survey Crew Hours	Final Hours Total	Final Fee Total
	DESIGN & CONSTRUCTION SUPPORT SERVICES							
2.21	Project Meeting Attendance & Coordinati	\$5,170.00	12	0	0	0	12	\$7,450.00
2.22 A)	Roundabout Operations Memorandum	\$4,840.00						\$4,840.00
2.22 B)	Roundabout Support and Peer Review	\$4,686.00						\$4,686.00
2.23	Geometric Approval Drawings		12	0	56	0	68	\$9,448.00
2.24	Street Improvement Plans		20	0	96	0	116	\$16,088.00
2.25	Intersection Lighting Plans Added Budget	\$2,750.00						\$2,750.00
2.26	Final Quantity and Cost Estimates		2	0	6	0	8	\$1,148.00
2.27	Specifications		6	0	2	0	8	\$1,396.00
2.28	Processing of TAMC PermiU Agreement		8	0	0	0	8	\$1,520.00
2.29	Optional Landscape & Irrigation Plans		8	48	8	0	64	\$9,648.00
	<b>Total</b>	<b>\$17,446.00</b>	<b>68</b>	<b>48</b>	<b>168</b>	<b>0</b>	<b>284</b>	<b>\$58,974.00</b>
	Hourly Rate		\$190.00	\$148.00	\$128.00	\$220.00		
	TOTAL FEE	\$17,446.00	\$12,920.00	\$7,104.00	\$21,504.00	\$0.00		\$58,974.00
	Reimbursable Expense Budget							\$800.00
	<b>GRAND TOTAL</b>							<b>\$59,774.00</b>