


CENTRAL FLORIDA EXPRESSWAY AUTHORITY

MEMORANDUM

TO: CFX Board Members

FROM: Robert Johnson 
Manager of Procurement

DATE: February 23, 2016

RE: Supplemental Agreement No. 4 for DRMP, Inc.
Post Design Consultant Services for S. R. 429 (Wekiva Parkway)
Lake County Line to S.R. 46 (East of Round Lake Road)
Project No. 429-206, Contract No. 000860

Board approval is requested for Supplemental Agreement No. 4 with DRMP, Inc., in the not-to-exceed amount of \$574,269.38 for post design services for the referenced project. Services will include shop drawing reviews, attendance at construction meetings, site visits, and responding to the contractor's requests for information.

This Supplemental Agreement will be a continuation of an agreement previously approved by the Authority for this project.

Original Contract Amount	\$ 2,900,000.00
Amount of Previous Adjustments	\$ 1,459,467.38
Amount of This Adjustment	<u>\$ 574,269.38</u>
Total Revised Contract Amount	\$ 4,933,736.76

SUPPLEMENTAL AGREEMENT NO. 4
TO
AGREEMENT FOR PROFESSIONAL SERVICES
POST DESIGN SERVICES (FOR 429-206)

S.R. 429 (Wekiva Parkway) From Lake County Line to S.R. 46 (East of Round Lake Road)

THIS SUPPLEMENTAL AGREEMENT is made and entered into this _____ day of _____, 2016, by and between the CENTRAL FLORIDA EXPRESSWAY AUTHORITY (F/K/A ORLANDO-ORANGE COUNTY EXPRESSWAY AUTHORITY), an agency of the State of Florida, hereinafter called "CFX" and the consulting firm of DRMP, INC., hereinafter called the "CONSULTANT."

WHEREAS, Section 4.27 of Exhibit "A" of the Agreement for Professional Services between CFX and the CONSULTANT, dated the 7th day of December 2012 provides that after completion of the services outlined in Exhibit "A" for Project Number 429-206 of the said Agreement for Professional Services, CFX may negotiate with the CONSULTANT a Supplemental Agreement for Post Design Services and whereas, Articles 2.00 and 12.00 of the Agreement for Professional Services provide that in the event that CFX shall change the amount of work of the said Agreement for Professional Services, the fees to be paid to the CONSULTANT shall be subject to adjustment as shall be mutually agreed upon:

NOW, THEREFORE, BE IT RESOLVED THAT:

1. CFX hereby authorizes the CONSULTANT to proceed with Post Design Services required as outlined in the Wekiva Parkway Corridor Consultant's correspondence to CFX dated February 24, 2016 which is attached hereto and made a part of this Supplemental Agreement.

2. All invoices from the CONSULTANT for Post Design Services shall be submitted to CFX with complete documentation. Invoices for Post Design Services shall not be a continuation of the original CONSULTANT'S contract amount for final design services and shall only be for those services as outlined in this Supplemental Agreement. Compensation for Post Design Services shall be invoiced to CFX at an hourly rate, inclusive of overhead, profit and expenses (exclusive of travel). The hourly rate shall be calculated using the employee's actual direct salary and the negotiated Post Design Services multiplier, as outlined in the Wekiva Parkway Corridor Consultant's correspondence to CFX dated February 24, 2016. Direct expenses will be reimbursed for local travel only (per mile). The maximum fee for Post Design Services shall be \$574,269.38.

3. Section 4.27 of the original Agreement for Professional Services is revised as outlined in Exhibit "A," which is attached hereto and made a part of this Supplemental Agreement.

4. Any supplemental agreements for Post Design Services shall be in accordance with the appropriate Articles within the original CONSULTANT Agreement for Professional Services.

All provisions of said Agreement for Professional Services, or any Supplements thereto, not modified by the above, shall remain in full force and effect, the same as if they had been set forth herein. In the event of a conflict between the provisions of this Supplemental Agreement and of the said Agreement for Professional Services, or any Supplements thereto, the provisions of this Supplemental Agreement, to the extent such provision is reasonable, shall take precedence.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed, in quadruplicate, the day and year first above written.

CENTRAL FLORIDA
EXPRESSWAY AUTHORITY

Witness: _____

Assistant Secretary

By: _____

Director of Procurement

DRMP, INC.

Witness: _____

Print Name:

Title:

By: _____

Print Name:

Title:

Exhibit "A"

Project 429-206

S.R. 429 (Wekiva Parkway) Lake County Line to S.R. 46 (East of Round Lake Road) Post-Design Scope of Services (Section 4.27)

4.27 Post Design Services

A. Compensation

The Consultant's compensation for post-design services may be added by supplemental agreement and shall be at an hourly rate, inclusive of overhead, profit and expenses, and exclusive of travel. No compensation will be made for correction of errors and omissions or clarifications.

B. General Support

The Consultant shall support the post-design process as follows:

- a) Answer questions relative to the plans, typical sections, quantities and special provisions.
- b) Make any necessary corrections to the plans, typical sections, quantities, notes, etc. as may be required.
- c) Attend pre-award meeting with Contractor, the Authority, and the Authority's CEI.

C. Pre-bid Conference

The Consultant shall, prior to the pre-bid conference, be prepared to walk the project with the assigned Authority Resident Construction Engineer to discuss the plans and details. The Consultant shall be prepared to attend the pre-bid conference and respond to questions related to the plans, details, and special provisions.

D. Addenda

The Consultant shall prepare any addenda required to clarify the work included in the contract documents. Addenda may be required based on the project inspection with the assigned Authority Resident Construction Engineer, or questions developed in the pre-bid conference, or conditions discovered by bidders during the bid period.

E. Field Visits

The Consultant shall be available to respond to questions in the field that may arise relative to the plans, details or special provisions during construction. The Consultant will periodically visit the project site to observe the progress of construction. This visit will not make the place of formal construction inspection by the Authority's Construction Manager and their inspection team. Rather, it is intended to provide the opportunity for members of the design team to observe whether work by the Contractor is being performed in general conformance with the project plans. Written memos of all such field visits shall be submitted to the Authority and their Construction Manager within five business days of the trip.

F. Shop Drawing Reviews

The Consultant shall review and approve shop drawings from the Contractor for roadway, utilities, structural, lighting, FON, signing and drainage elements. This work will include the erection procedure plans, review proposals for substitutions, development of supplemental agreements, and assistance with other engineering services required to facilitate construction of the project. Reviews will be conducted and returned within two weeks from receipt of information.

G. Post-Design Contact

The Consultant shall appoint a responsible member of the firm to be the contact person for all post-design services. This person shall be continually available during the course of construction for review of design plans.

H. Timeliness

The Consultant shall make every reasonable effort to process any material presented for review in a prompt manner recognizing a construction contract is underway.

I. Meetings

The Consultant shall attend partnering meetings as requested by the Authority. The Consultant will also attend progress / coordination meetings as requested by the Authority including, but not limited to, the Notice to Proceed meeting.

J. Bridge Load Ratings

Approved design bridge load ratings were obtained by the Consultant under the final design phase of this contract. The Contractor shall be responsible for revising and resubmitting the load ratings if changes to the bridge design occur during construction. Otherwise, the Consultant shall provide written correspondence to FDOT when construction is complete that the bridges were constructed in accordance with the plans and the design load ratings still apply.

K. Geotechnical Engineering

The Consultant shall provide geotechnical engineering services as needed by the Authority, relative to pile driving, earthwork, embankment and MSE wall construction.

L. Utilities

The Consultant shall provide utility consulting services as needed by the Authority, relative to proposed utility adjustments within the project limits.

M. Record Drawings

Based on information provided by the Contractor, the Contractor's surveyor and the Authority's Construction Manager, the Consultant will prepare record drawings reflecting improvements built for this project. This scope assumes surveys will be undertaken by a registered surveyor by the Contractor.



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February 24, 2016

Mr. Glenn Pressimone
Central Florida Expressway Authority
4974 ORL Tower Road
Orlando, FL 32807

RE: Wekiva Parkway
Contract No. 000860
Project No. 429-206
Post-Design Services Supplemental Agreement

Dear Mr. Pressimone:

As the project transitions from Design to Construction, we have requested and received a Post-Design Services proposal for the above referenced contract. The consultant, DRMP, has submitted a Post-Design Services amendment package to address the post-design services and/or plan modifications required since the Bid Package was submitted.

We have reviewed the attached proposal from DRMP, and have determined the proposal is consistent with the original contract terms and category rates. The amendment addresses all anticipated scope of work.

The package submitted and reviewed is requesting a fee of \$574,269.38.

If you should have any questions or need additional information, please do not hesitate to contact me.

Sincerely,
CH2M HILL



Scott Bear
Project Manager

cc: File No. 423610.03.50.01 (w/attach)

DRMP

Prime Consultant
Wekiva Section 429-206
Post Design Fee Proposal

Date: 2/22/2016

Total Fee: \$574,269.38

PRIME CONSULTANT: DRMP

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POST DESIGN SERVICES

Activity C: Pre-Bid Conference

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Attend pre-bid meeting	EA	1	6		6		3 attendees @ 2 hours
3.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	6	0	
11. Quality Control	0%		N/A	N/A	N/A	0	
12. Supervision	0%		N/A	N/A	N/A	0	
Totals:				0	6	0	

POST DESIGN SERVICES

Activity D: Addenda

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Addenda	EA	2	16		32		Includes plans and updates to quantities
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	32	0	
11. Quality Control	5%		N/A	N/A	2	0	
12. Supervision	2%		N/A	N/A	1	0	
Totals:				0	35	0	

POST DESIGN SERVICES

Activity E: Field Visits

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Field visits	EA	10	4		40		1 visit every other month x 3 hour visit + travel
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	40	0	
11. Quality Control	0%		N/A	N/A	N/A	0	
12. Supervision	0%		N/A	N/A	N/A	0	
Totals:				0	40	0	

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Roadway	LS	1	35	N/A	35	0	See activity F for details
2. Drainage/Permits	LS	1	47	N/A	47	0	See activity F for details
3. Fiber Optic Network & Related Items	LS	1	83	N/A	83	0	See activity F for details
4. Signing and Marking	LS	1	128	N/A	128	0	See activity F for details
5. Structures	LS	1	1748	N/A	1,748	0	See activity F for details
6. Lighting	LS	1	43	N/A	43	0	See activity F for details
7. Utilities	LS	1	8	N/A	8	0	Covered by WBQ, DRMP for coordination and processing only
8. Aesthetic Elements	EA	1	37	N/A	37	0	See activity F for details
9. Geotechnical Elements	LS	1	8	N/A	8	0	Covered by geotech, DRMP for coordination and processing only
10.							
Subtotal:				0	2,137	0	
11. Quality Control			N/A	N/A		0	Included in each line item
12. Supervision			N/A	N/A		0	Included in each line item
Totals:				0	2,137	0	

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Roadway

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Miscellaneous items	EA	1	32	N/A	32		
2. MOT	EA			N/A	0		Covered by WBQ
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.	EA			N/A	0		
Subtotal:					32		
13. Quality Control	5%		N/A	N/A	2		
14. Supervision	2%		N/A	N/A	1		
Totals:					35		

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Drainage

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Steel encased pipe	EA	2	4	N/A	8		
2. Trench Drain	EA			N/A	0		
3. Chimney Drain	EA			N/A	0		
4. Type 5b underdrain, modified	EA			N/A	0		
5. Wall gutter outlet	EA			N/A	0		
6. Miscellaneous structures	EA	142	0.25	N/A	36		Cover structures by DRMP, others by WBQ
7. Outfalls	EA			N/A	0		
8.	EA			N/A	0		
Subtotal:					44		
9. Quality Control	5%		N/A	N/A	2		
10. Supervision	2%		N/A	N/A	1		
Totals:					47		

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Fiber Optic Network & Related Items (1 of 2)

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Conduit	EA	6	1	N/A	6		HDPE fiber conduit and electric conduit, fittings, elbows, sweeps and glue
2. RS 485 - Communication Wire	EA	1	1	N/A	1		
3. Fiber Optic Cable 12 count	EA	1	1	N/A	1		
4. Fiber Optic Cable 24 count	EA	1	1	N/A	1		
5. Fiber Optic Cable 72 Count	EA	1	1	N/A	1		
6. Fiber Patch panel	EA	1	2	N/A	2		
7. UPS system	EA	1	1	N/A	1		
8. UPS Batteries	EA	1	1	N/A	1		
9. ITS Cabinet	EA	1	2	N/A	2		
10. NEMA Enclosure	EA	1	2	N/A	2		
11. Ethernet Switch	EA	1	2	N/A	2		
12. ITS Commander	EA	1	2	N/A	2		
13. APT Surge Protection Devices	EA	1	2	N/A	2		
14. Splice Enclosure	EA	1	2	N/A	2		
15. Splice Tray	EA	1	2	N/A	2		
16. Fiber Pullbox	EA	1	2	N/A	2		
17. Electrical Pullbox	EA	1	2	N/A	2		
18. FOMH 4x4x4	EA	1	2	N/A	2		
19. FOMH 4x6.5x6.5	EA	1	2	N/A	2		
20. BPFG Conduit	EA	1	2	N/A	2		

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Fiber Optic Network & Related Items (2 of 2)

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
21. Bridge Hangers	EA	1	2	N/A	2		
22. PVC Conduit	EA	1	2	N/A	2		
23. Radar Devices	EA	1	2	N/A	2		
24. Device Servers	EA	1	2	N/A	2		
25. Wire harnesses for Radar Devices	EA	1	2	N/A	2		
26. DCS devices	EA	1	2	N/A	2		
27. Antennae for DCS devices	EA	1	2	N/A	2		
28. Enclosures for DCS Readers	EA	1	2	N/A	2		
29. Reader Units for DCS	EA	1	2	N/A	2		
30. Coaxial Cable for DCS units	EA	1	2	N/A	2		
31. Electrical Transformers	EA	0	0	N/A	0		By RS&H
32. Electrical Load Centers	EA	0	0	N/A	0		By RS&H
33. Electrical Disconnects	EA	0	0	N/A	0		By RS&H
34. Ground Rods	EA	1	1	N/A	1		
35. Lightning Arrestors	EA	1	1	N/A	1		
36. Rigid Galvanized Steel Conduits	EA	1	1	N/A	1		
37. DMS	EA	1	8	N/A	8		
38. ADMS	EA	1	8	N/A	8		
39.							
Subtotal:					77		
40. Quality Control	5%		N/A	N/A	4		
41. Supervision	2%		N/A	N/A	2		
Totals:					83		

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Signing

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Sign Panels + sign lighting	LS	1	72	N/A	72		Includes ground mount and overhead structures for 2 submittals
2. Signals	LS	1	48	N/A	48		
Subtotal:		2	60		120		
3. Quality Control	5%		N/A	N/A	6		
4. Supervision	2%		N/A	N/A	2		
Totals:					128		

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Bridge B1: SR 453 over County Line

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Mix design	EA	4	1	N/A	4		Deck, substructure, beam, closure pour
2. SIP Forms	EA	2	8	N/A	16		Different beam spacing, includes review of calculations
3. Bearings	EA	12	6	N/A	72		Multi-rotational bearings, design calculations, S&S by specialty Engineer, confirm conformance with plans and Specifications
4. Post-tensioning system	EA	2	32	N/A	64		Longitudinal post-tensioning and post-tensioning for diaphragm
5. Expansion Joints	EA	1	4	N/A	4		
6. Pile Installation plan	EA	0	0	N/A	0		Not included
7. Fiber Optic Conduit Attachment	EA	1	4	N/A	4		
8. Underdeck lighting	EA	1	4	N/A	4		
9. Out of pile tolerance	EA	0	0	N/A	0		Not included
10. Girder bracing	EA	1	12	N/A	12		
11. Bridge deck overhang brackets	EA	1	8	N/A	8		
12. Beam bearing plates	EA	1	2	N/A	2		
13. Beam camber evaluation	EA	6	4	N/A	24		Review beams that have nonstandard camber
14. Interior lighting/conduit	EA	1	4	N/A	4		
15. Erection Plan	EA	1	80	N/A	80		Review of contractors S&S plan, lifting loops, internal bracing, based on design plans in accordance with Section 460-7.1.3
16. Integrated shop drawings	EA	7	32	N/A	224		3 beam segments + 4 end diaphragms; including review of interaction, review that shops meet design plans
17. Precast segment prestressing	EA	2	12	N/A	24		
18. Diaphragm waterproofing	EA	1	8	N/A	8		
19. Fall protection	EA	1	8	N/A	8		
Subtotal:					562		
20. Quality Control	5%		N/A	N/A	28		
21. Supervision	2%		N/A	N/A	11		
Totals:					601		

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Bridge B2 SR 453 over Coronado Somerset

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Mix design	EA	3	1	N/A	3		Deck, substructure, beams
2. SIP Forms	EA	1	8	N/A	8		
3. Bearings	EA	1	8	N/A	8		
4. Girders - Reinforcing Steel and Prestressing	EA	2	40	N/A	80		Haunched rectangular beams, different length between bridges, shipping
5. Expansion Joints	EA	1	4	N/A	4		
6. Pile Installation plan	EA	0	0	N/A	0		Not included
7. Fiber Optic Conduit Attachment	EA	1	2	N/A	2		Hanger detail and gasket at end bents
8. Underdeck lighting	EA	1	4	N/A	4		
9. Out of pile tolerance	EA	0	0	N/A	0		Not included
10. Girder bracing	EA	1	12	N/A	12		Review specialty Engineer submittal and shop drawings
11. Steel Pile splice details	EA	1	4	N/A	4		
12. Bridge deck overhang brackets	EA	1	4	N/A	4		
13. Beam bearing plates	EA	1	2	N/A	2		
14. Beam camber evaluation	EA	6	4	N/A	24		Assume 50% of beams have nonstandard camber
15. Fall protection	EA	1	8	N/A	8		
16.	EA			N/A	0		
Subtotal:					163		
17. Quality Control	5%		N/A	N/A	8		
18. Supervision	2%		N/A	N/A	3		
Totals:					174		

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Bridge B3 Ramps C&D over FCEN and SR 46

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Mix design	EA	3	1	N/A	3		Deck, substructure, beams
2. SIP Forms	EA	2	8	N/A	16		
3. Bearings	EA	2	8	N/A	16		Bearings @ End bents + Piers
4. Girders - Steel Box Girders	EA	1	160	N/A	160		2-span curved steel box girders with varying length beams
5. Expansion Joints	EA	1	4	N/A	4		
6. Pile installation plan	EA	0	0	N/A	0		Not included
7. Fiber Optic Conduit Attachment	EA	1	2	N/A	2		Hanger detail and gasket at end bents
8. Underdeck lighting	EA	1	4	N/A	4		
9. Out of pile tolerance	EA	0	0	N/A	0		Not included
10. Girder bracing	EA	1	8	N/A	8		Review specialty Engineer submittal and shop drawings
11. Steel Pile splice details	EA	1	4	N/A	4		
12. Bridge deck overhang brackets	EA	1	4	N/A	4		
13. Beam bearing plates	EA	1	4	N/A	4		Sole plates
14. Review of lifting plan and RR coordination	EA	1	24	N/A	24		
15. Review of shoring towers	EA	1	24	N/A	24		
16. Interior lighting/conduit	EA	1	4	N/A	4		
Subtotal:					277		
17. Quality Control	5%		N/A	N/A	14		
18. Supervision	2%		N/A	N/A	6		
Totals:					297		

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Bridge B4 Ramp B over FCEN

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Mix design	EA	3	1	N/A	3		Deck, substructure, beams
2. SIP Forms	EA	2	8	N/A	16		
3. Bearings	EA	2	8	N/A	16		Bearings @ End bents + Piers
4. Girders - Steel Box Girders	EA	1	120	N/A	120		2-span curved steel box girders with varying length beams
5. Expansion Joints	EA	1	4	N/A	4		
6. Pile installation plan	EA	0	0	N/A	0		Not included
7. Fiber Optic Conduit Attachment	EA	1	2	N/A	2		Hanger detail and gasket at end bents
8. Underdeck lighting	EA	1	4	N/A	4		
9. Out of pile tolerance	EA	0	0	N/A	0		Not included
10. Girder bracing	EA	1	12	N/A	12		Review specialty Engineer submittal and shop drawings
11. Steel Pile splice details	EA	1	4	N/A	4		
12. Bridge deck overhang brackets	EA	1	4	N/A	4		
13. Beam bearing plates	EA	1	4	N/A	4		Sole plates
14. Review of lifting plan and RR coordination	EA	1	24	N/A	24		
15. Review of shoring towers	EA	1	24	N/A	24		
16. Interior lighting/conduit	EA	1	4	N/A	4		
Subtotal:					241		
17. Quality Control	5%		N/A	N/A	12		
18. Supervision	2%		N/A	N/A	5		
Totals:					258		

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Structures MSE Walls and Miscellaneous Structures

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Permanent MSE Walls	EA	6	28	N/A	168		Walls: 1, 2, 3, 4 (2200' long), 11, 12
2. CIP Walls	EA	6	8	N/A	48		Walls: 5, 6, 7, 8, 9, 10
3. Temporary Retaining Wall	EA	1	12	N/A	12		TW-1
3. Overhead Sign Structures	EA	1	8	N/A	8		Review of AVCON comments/responses
4. Mast Arms	EA	1	2	N/A	2		Review of AVCON comments/responses
5. DMS Box Truss + Connection details	EA	1	48	N/A	48		
6. ADMS Connection details	EA	1	16	N/A	16		
7. Walkway details + connections	EA	1	16	N/A	16		
8. CCTV + TMS Poles	EA	3	12	N/A	36		
9. Backwall straps	EA	4	2	N/A	8		
10. Fence/post/gate/hardware on walls	EA	1	8	N/A	8		
11. Drainage adjacent to walls	EA	1	8	N/A	8		
12. Conduit in barrier walls (bridge/retaining walls)	EA	1	12	N/A	12		
13.							
Subtotal:					390		
14. Quality Control	5%		N/A	N/A	20		
15. Supervision	2%		N/A	N/A	8		
Totals:					418		

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Lighting

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. LED for signs	EA	1	4	N/A	4		
2. LED for underdeck	EA	1	4	N/A	4		
3. Underdeck overall	EA	4	2	N/A	8		
4. light poles	EA	4	4	N/A	16		
5. conduits/conductors	EA	4	2	N/A	8		
6. load centers/switches	EA	0	0	N/A	0		BY RS&H
	EA			N/A	0		
Subtotal:					40		
4. Quality Control	5%		N/A	N/A	2		
8. Supervision	2%		N/A	N/A	1		
Totals:					43		

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Utility Relocation Packages

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Coordination and processing	EA	4	2	N/A	8		Coordination only, remaining by WBQ
	EA			N/A	0		
	EA			N/A	0		
Subtotal:					8		
2. Quality Control	N/A	N/A	N/A	N/A	N/A		
3. Supervision	N/A	N/A	N/A	N/A	N/A		
Totals:					8		

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Aesthetic Elements

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Paint, formliners, finishes	LS	1	6	N/A	6		Mostly done by CH
2. Traffic Barrier finish	EA	2	4	N/A	8		Bridge + Walls
3. Beam grating	EA	4	4	N/A	16		
4. Medallions	EA	1	4	N/A	4		
Subtotal:					34		
5. Quality Control	5%		N/A	N/A	2		
6. Supervision	2%		N/A	N/A	1		
Totals:					37		

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Geotechnical Elements

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Coordination and processing	EA	1	8	N/A	8		All by geotechs, coordination only
	EA			N/A	0		
Subtotal:					8		
2. Quality Control			N/A	N/A	N/A		
3. Supervision			N/A	N/A	N/A		
Totals:					8		

POST DESIGN SERVICES

Activity G: Requests for Information

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Roadway	EA	10	3	N/A	30	0	
2. Drainage	EA	10	3	N/A	30	0	Also covered by WBQ
3. Fiber Optic Network & Related Items	EA	10	3	N/A	30	0	
4. Signing and Marking	EA	10	3	N/A	30	0	Includes signals
5. Structures	EA	40	3	N/A	120	0	10 per bridge site (B1, B3, B4) + 5 for bridge site (B2) + 5 for walls and miscellaneous
6. Lighting	EA	6	3	N/A	18	0	
7. Utilities	EA			N/A	0	0	Covered by WBQ
8. Aesthetic Elements	EA	2	3	N/A	6	0	Others to be handled by CH
9. Geotechnical Elements	EA			N/A	0	0	Covered by geotechs
10.							
Subtotal:				0	264	0	
11. Quality Control	5%		N/A	N/A	13	0	
12. Supervision	2%		N/A	N/A	5	0	
Totals:				0	282	0	

POST DESIGN SERVICES

Activity H: Meetings

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Construction NTP Meeting	EA	1	6		6		PM + Roadway and Structures in attendance
2. Construction Meetings	EA	10	3		30		Attend every other month, max 10
3. Partnering Meetings	EA	1	12		12		2 attendees for 1 meeting
4. Pre-award meeting	EA	1	8		8		PM and another representative
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	56	0	
11. Quality Control	0%		N/A	N/A	N/A	0	
12. Supervision	0%		N/A	N/A	N/A	0	
Totals:				0	56	0	

Wekiva Parkway 429-206
Central Florida Expressway Authority

POST DESIGN SERVICES

Activity I: Plan Revisions

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Roadway	EA	3	10	N/A	30		
2. Drainage	EA	3	8	N/A	24		
3. Fiber Optic Network & Related Items	EA	3	10	N/A	30		
4. Signing and Marking	EA	3	8	N/A	24		
5. Structures	EA	3	10	N/A	30		
6. Lighting	EA	3	8	N/A	24		
7. Utilities	EA			N/A	0		Covered by WBQ
8. Aesthetic Elements	EA	1	4	N/A	4		
9. Geotechnical Elements	EA			N/A	0		Covered by geotechs
10.							
Subtotal:				0	166		
11. Quality Control	5%		N/A	N/A	8	0	
12. Supervision	2%		N/A	N/A	3	0	
Totals:				0	177		

Wekiva Parkway 429-206
Central Florida Expressway Authority

POST DESIGN SERVICES

Activity J: Bridge Load Ratings

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. B1 SB	EA	1	32	N/A	32	0	Update to construction sequence and revise report, does not include modification of elements
2. B1 NB	EA	1	32	N/A	32	0	Update to construction sequence and revise report, does not include modification of elements
3. B2 SB	EA	1	12	N/A	12	0	
4. B2 NB	EA	1	12	N/A	12	0	
5. B3	EA	1	24	N/A	24	0	
6. B4	EA	1	24	N/A	24	0	
7.	EA			N/A	0	0	
8.	EA			N/A	0	0	
9.	EA			N/A	0	0	
10.							
Subtotal:				0	136	0	
11. Quality Control	5%		N/A	N/A	7	0	
12. Supervision	2%		N/A	N/A	3	0	
Totals:				0	146	0	

POST DESIGN SERVICES

Activity K: Geotechnical Services

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1.	EA			N/A	0	0	Covered by geotechs
2.	EA			N/A	0	0	
3.	EA			N/A	0	0	
4.	EA			N/A	0	0	
5.	EA			N/A	0	0	
6.	EA			N/A	0	0	
7.	EA			N/A	0	0	
8.	EA			N/A	0	0	
9.	EA			N/A	0	0	
10.							
Subtotal:				0	0	0	
11. Quality Control	5%		N/A	N/A	0	0	
12. Supervision	2%		N/A	N/A	0	0	
Totals:				0	0	0	

POST DESIGN SERVICES

Activity L: Utilities

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1.	EA			N/A	0	0	Covered by WBQ
2.					0		
3.					0		
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	0	0	
11. Quality Control	5%		N/A	N/A	0	0	
12. Supervision	2%		N/A	N/A	0	0	
Totals:				0	0	0	

POST DESIGN SERVICES

Activity M: Record Drawings

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Roadway	LS	1	16	N/A	16		Also by WBQ
2. Drainage	LS	1	16	N/A	16		Also by WBQ
3. Fiber Optic Network	LS	1	18	N/A	18		
4. Signing and Marking	LS	1	18	N/A	18		
5. Structures	LS	1	24	N/A	24		
6. Lighting	LS	1	12	N/A	12		
7. Utility Adjustment sheets	LS	0	0	N/A	0		By WBQ
8. Aesthetic Elements	LS	1	8	N/A	8		
9.							
10.							
Subtotal:				0	112		
11. Quality Control	5%		N/A	N/A	6		
12. Supervision	2%		N/A	N/A	2		
Totals:				0	120		

Wekiva Parkway 429-206
Central Florida Expressway Authority

POST DESIGN SERVICES

Activity N: Project Management

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Monthly progress reports and invoices	Month	21	2		42		
2. Subconsultant coordination	Month	21	1		21		
3. Project coordination	Week	91	1.5		137		
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	200	0	
11. Quality Control	0		N/A	N/A	N/A	0	
12. Supervision	0		N/A	N/A	N/A	0	
Totals:				0	200	0	

POST DESIGN SERVICES

Activity 0: Survey

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Supplemental survey/restore alignment	EA	2	10	0	20		
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	20	0	
11. Quality Control	0		N/A	N/A	N/A	0	
12. Supervision	0		N/A	N/A	N/A	0	
Totals:				0	20	0	

Antillian Engineering Associates, Inc.

Subconsultant
Wekiva Section 429-206
Post Design Fee Proposal

Fee: \$5,574.04

Central Florida Expressway Authority
Post Design Services Summary Fee Sheet
Wekiva Parkway, Section 429-206

SUB CONSULTANT: Antillian

POST DESIGN ACTIVITY DESCRIPTION		Project Manager		Project Engineer		Engineering Intern		CADD Operator		Engineering Tech				TOTAL		
		Rate/Hr.	43.27	Rate/Hr.	40.87	Rate/Hr.	24.00	Rate/Hr.	26.92	Rate/Hr.	14.00	Rate/Hr.	0			
		MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MH BY ACTIVITY	SALARY COST BY ACTIVITY	AVG HRLY RATE
C.	Pre-Bid Conference		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
D.	Addenda		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
E.	Field Visits	8	\$346.16		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	8	\$346.16	\$43.27
F.	Shop Drawing Reviews		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
	Roadway		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
	Drainage/Permits		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
	Fiber Optic Network		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
	Signing and Marking		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
	Structures		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
	Lighting		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
	Utilities		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
	Aesthetic Elements		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
	Geotechnical Elements	12	\$519.24		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	12	\$519.24	\$43.27
G.	Requests for Information	12	\$519.24		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	12	\$519.24	\$43.27
H.	Meetings	6	\$259.62		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	6	\$259.62	\$43.27
I.	Plan Revisions		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
J.	Bridge Load Ratings		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
K.	Geotechnical Services		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
L.	Utilities		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
M.	Record Drawings		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
N.	Project Management		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
														0	\$0.00	#DIV/0!
TOTALS:		38	\$1,644.26	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	38	\$1,644.26	\$43.27
DISTRIBUTION OF COST ELEMENTS TO BASIC ACTIVITIES:						TOTAL CONTRACT FEE COMPUTATIONS:										
						TOTAL ACTIVITY SALARY COSTS:										
						Multiplier: 3.39										
						ANTILLIAN FEE:										
Post Design Multiplier Calculation = Original Multiplier + (((Original expenses/ Original Labor) x 50%))																

POST DESIGN SERVICES

Activity E: Field Visits

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Field Visits	EA	2	4		8		
2.					0		
3.							
4.							
Subtotal:				0	8	0	
11. Quality Control	0%		N/A	N/A	N/A	0	
12. Supervision	0%		N/A	N/A	N/A	0	
Totals:				0	8	0	

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Geotechnical Elements	LS	3	4	N/A	12	0	
2.	LS			N/A	0	0	
3.	LS			N/A	0	0	
4.	LS			N/A	0	0	
Subtotal:				0	12	0	
11. Quality Control			N/A	N/A		0	
12. Supervision			N/A	N/A		0	
Totals:				0	12	0	

POST DESIGN SERVICES

Activity G: Requests for Information

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Geotechnical Elements	EA	3	4	N/A	12	0	
2.	EA			N/A	0	0	
3.	EA			N/A	0	0	
4.	EA			N/A	0	0	
Subtotal:				0	12	0	
11. Quality Control	0%		N/A	N/A	0	0	
12. Supervision	0%		N/A	N/A	0	0	
Totals:				0	12	0	

POST DESIGN SERVICES

Activity H: Meetings

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Project Meetings	EA	2	3		6		
2.	EA				0		
3.	EA				0		
4.	EA				0		
Subtotal:				0	6	0	
11. Quality Control	0%		N/A	N/A	N/A	0	
12. Supervision	0%		N/A	N/A	N/A	0	
Totals:				0	6	0	

POST DESIGN SERVICES

Activity K: Geotechnical Services

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Geotechnical Services	EA			N/A	0	0	
2.	EA			N/A	0	0	
3.	EA			N/A	0	0	
4.	EA			N/A	0	0	
Subtotal:				0	0	0	
11. Quality Control	0%		N/A	N/A	0	0	
12. Supervision	0%		N/A	N/A	0	0	
Totals:				0	0	0	

AVCON Engineers, Inc

Subconsultant
Wekiva Section 429-206
Post Design Fee Proposal

Fee: \$6,506.32

Central Florida Expressway Authority
Post Design Services Summary Fee Sheet
Wekiva Parkway, Section 429-205

SUB CONSULTANT: AVCON Engineers

POST DESIGN ACTIVITY DESCRIPTION	Project Manager		Chief Engineer		Senior Engineer		Engineer		CADD Designer		Secretary/Clerical								TOTAL		
	Rate/Hr.	64.9	Rate/Hr.	41.54	Rate/Hr.	38.01	Rate/Hr.	27.51	Rate/Hr.	22.3	Rate/Hr.	20.59	Rate/Hr.	0.00	Rate/Hr.	0	Rate/Hr.	0			
	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MH BY ACTIVITY	SALARY COST BY ACTIVITY	AVG HRLY RATE
C. Pre-Bid Conference		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
D. Addenda		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
E. Field Visits		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
F. Shop Drawing Reviews		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Roadway		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Drainage/Permits		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Fiber Optic Network		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Signing and Marking		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Structures	8	\$519.20		\$0.00	40	\$1,520.40		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	48	\$2,039.60	\$42.49
Lighting		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Utilities		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Aesthetic Elements		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Geotechnical Elements		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
G. Requests for Information		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
H. Meetings		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
I. Plan Revisions		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
J. Bridge Load Ratings		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
K. Geotechnical Services		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
L. Utilities		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
M. Record Drawings		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
N. Project Management		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
TOTALS:	8	\$519.20	0	\$0.00	40	\$1,520.40	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	48	\$2,039.60	\$42.49
DISTRIBUTION OF COST ELEMENTS TO BASIC ACTIVITIES:											TOTAL CONTRACT FEE COMPUTATIONS:										
											TOTAL ACTIVITY SALARY COSTS:										
											Multiplier: 3.19										
											AVCON Engineering FEE:										

POST DESIGN SERVICES

Activity C: Pre-Bid Conference

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1.	EA	1			0		
2.	EA	1			0		
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	0	0	
11. Quality Control	5%		N/A	N/A	N/A	0	
12. Supervision	2%		N/A	N/A	N/A	0	
Totals:				0	0	0	

POST DESIGN SERVICES

Activity D: Addenda

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1.	EA	1			0		
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	0	0	
11. Quality Control	5%		N/A	N/A	0	0	
12. Supervision	2%		N/A	N/A	N/A	0	
Totals:				0	0	0	

POST DESIGN SERVICES

Activity E: Field Visits

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1.	EA	1			0		
2.	EA	1			0		
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	0	0	
11. Quality Control	5%		N/A	N/A	N/A	0	
12. Supervision	2%		N/A	N/A	N/A	0	
Totals:				0	0	0	

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Roadway	LS	1		N/A	0	0	
2. Drainage	LS	1		N/A	0	0	
3. Fiber Optic Network & Related Items	LS	1		N/A	0	0	
4. Signing and Marking	LS	1		N/A	0	0	
5. Structures	LS	1	48	N/A	48	0	5 spans @ 4 hours = 20 hours 4 cantilevers @ 4 hours = 16 hours 2 mast arms @ 2 hours = 4 hours OA/OC = 8 hours
6. Lighting	LS	1		N/A	0	0	
7. Utilities	LS	1		N/A	0	0	
8. Aesthetic Elements	EA	1		N/A	0	0	
9. Geotechnical Elements	LS	1		N/A	0	0	
10.							
Subtotal:				0	48	0	
11. Quality Control			N/A	N/A		0	
12. Supervision			N/A	N/A		0	
Totals:				0	48	0	

POST DESIGN SERVICES

Activity G: Requests for Information

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Roadway	EA			N/A	0	0	
2. Drainage	EA			N/A	0	0	
3. Fiber Optic Network & Related Items	EA			N/A	0	0	
4. Signing and Marking	EA			N/A	0	0	
5. Structures	EA			N/A	0	0	
6. Lighting	EA			N/A	0	0	
7. Utilities	EA			N/A	0	0	
8. Aesthetic Elements	EA			N/A	0	0	
9. Geotechnical Elements	EA			N/A	0	0	
10.							
Subtotal:				0	0	0	
11. Quality Control	5%		N/A	N/A	0	0	
12. Supervision	2%		N/A	N/A	0	0	
Totals:				0	0	0	

POST DESIGN SERVICES

Activity H: Meetings

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Construction NTP Meeting	EA				0		
2. Construction Meetings	EA				0		
3. Partnering Meetings	EA				0		
4. Pre-award meeting	EA				0		
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	0	0	
11. Quality Control			N/A	N/A	N/A	0	
12. Supervision			N/A	N/A	N/A	0	
Totals:				0	0	0	

POST DESIGN SERVICES

Activity I: Plan Revisions

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Roadway	EA			N/A	0		
2. Drainage	EA			N/A	0		
3. Fiber Optic Network & Related Items	EA			N/A	0		
4. Signing and Marking	EA			N/A	0		
5. Structures	EA			N/A	0		
6. Lighting	EA			N/A	0		
7. Utilities	EA			N/A	0		
8. Aesthetic Elements	EA			N/A	0		
9. Geotechnical Elements	EA			N/A	0		
10.							
Subtotal:				0	0		
11. Quality Control	5%		N/A	N/A	0		
12. Supervision	2%		N/A	N/A	0		
Totals:				0	0		

POST DESIGN SERVICES

Activity M: Record Drawings

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Roadway	LS			N/A	0		
2. Drainage	LS			N/A	0		
3. Fiber Optic Network	LS			N/A	0		
4. Signing and Marking	LS			N/A	0		
5. Structures	LS			N/A	0		
6. Lighting	LS			N/A	0		
7. Utility Adjustment sheets	LS			N/A	0		
8. Aesthetic Elements	LS			N/A	0		
9.							
10.							
Subtotal:				0	0		
11. Quality Control	5%		N/A	N/A	0		
12. Supervision	2%		N/A	N/A	0		
Totals:				0	0		

POST DESIGN SERVICES

Activity N: Project Management

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1.					0		
2.					0		
3.					0		
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	0	0	
11. Quality Control	5%		N/A	N/A	0	0	
12. Supervision	2%		N/A	N/A	0	0	
Totals:				0	0	0	

Geotechnical and Environmental Consultants, Inc (GEC)

Subconsultant
Wekiva Section 429-206
Post Design Fee Proposal

Fee: \$10,692.72

Central Florida Expressway Authority
Post Design Services Summary Fee Sheet
Wekiva Parkway, Section 429-206

SUB CONSULTANT: GEC

POST DESIGN ACTIVITY DESCRIPTION	Senior Engineer		Project Engineer		CADD Operator		Sr. Engineering Tech		Sr. Scientist		Scientist		Secretary		TOTAL		
	Rate/Hr.	45.08	Rate/Hr.	30.53	Rate/Hr.	29.79	Rate/Hr.	24.47	Rate/Hr.	36.06	Rate/Hr.	22.00	Rate/Hr.	19.23			
	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MH BY ACTIVITY	SALARY COST BY ACTIVITY	AVG HRLY RATE
C. Pre-Bid Conference		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
D. Addenda		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
E. Field Visits		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
F. Shop Drawing Reviews		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Roadway		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Drainage/Permits		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Fiber Optic Network		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Signing and Marking		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Structures		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Lighting		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Utilities		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Aesthetic Elements		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Geotechnical Elements		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
G. Requests for Information		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
H. Meetings	8	\$360.64	8	\$244.24		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	16	\$604.88	\$37.81
I. Plan Revisions		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
J. Bridge Load Ratings		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
K. Geotechnical Services	19	\$856.52	39	\$1,190.67		\$0.00		\$0.00		\$0.00		\$0.00	8	\$153.84	66	\$2,201.03	\$33.35
L. Utilities		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
M. Record Drawings		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
N. Project Management	4	\$180.32	4	\$122.12		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	8	\$302.44	\$37.81
TOTALS:	31	\$1,397.48	51	\$1,557.03	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	8	\$153.84	90	\$3,108.35	\$34.54
DISTRIBUTION OF COST ELEMENTS TO BASIC ACTIVITIES:							TOTAL CONTRACT FEE COMPUTATIONS:										
							TOTAL ACTIVITY SALARY COSTS:										
							Multiplier: 3.44										
							Field Exploration										
							Laboratory Testing										
							GEC FEE:										
							<div><div>\$3,108.35</div><div>\$10,692.72</div><div></div><div></div><div></div><div>\$10,692.72</div></div>										
Post Design Multiplier Calculation = Original Multiplier + (((Original expenses/ Original Labor) x 50%)																	

POST DESIGN SERVICES

Activity H: Meetings

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Other Meetings	EA	4	4		16		
2.					0		
3.					0		
4.					0		
Subtotal:				0	16	0	
11. Quality Control	0%		N/A	N/A	N/A	0	
12. Supervision	0%		N/A	N/A	N/A	0	
Totals:				0	16	0	

POST DESIGN SERVICES

Activity K: Geotechnical Services

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Geotechnical Services	EA	1	62	N/A	62	0	Consult on Pile Driving and Problematic Soil Issues
2.	EA			N/A	0	0	
3.	EA			N/A	0	0	
4.	EA			N/A	0	0	
Subtotal:				0	62	0	
11. Quality Control	5%		N/A	N/A	3	0	
12. Supervision	2%		N/A	N/A	1	0	
Totals:				0	66	0	

POST DESIGN SERVICES

Activity N: Project Management

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. General Project Management	EA	1	8		8		
2.	EA				0		
3.	EA				0		
4.							
Subtotal:				0	8	0	
11. Quality Control	0%		N/A	N/A	0	0	
12. Supervision	0%		N/A	N/A	0	0	
Totals:				0	8	0	

Reynolds, Smith & Hills. (RS&H)

Subconsultant
Wekiva Section 429-206
Post Design Fee Proposal

Fee: \$15,175.19

Central Florida Expressway Authority
Post Design Services Summary Fee Sheet
Waldva Parkway, Section 429-208

SUB CONSULTANT: RS&H

POST DESIGN ACTIVITY DESCRIPTION	Project Manager		QA/QC		Chief Eng/ Des		Sr Proj Eng/Des		Eng/ Des		Arch		Land Arch		Sr. Env Scientist		CADD Tech		Clerical		TOTAL		
	Rate/Hr. 72.32		Rate/Hr. 66.08		Rate/Hr. 73.61		Rate/Hr. 62.82		Rate/Hr. 43.27		Rate/Hr. 45.05		Rate/Hr. 51.65		Rate/Hr. 48.50		Rate/Hr. 30.83		Rate/Hr. 23.61				
	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MAN HRS.	Cost by Pos & Act	MH BY ACTIVITY	SALARY COST BY ACTIVITY	AVG HRLY RATE
C. Pre-Bid Conference		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
D. Addenda		\$0.00	1	\$68.08		\$0.00		\$0.00	14	\$605.78		\$0.00		\$0.00		\$0.00	4	\$123.32		\$0.00	19	\$797.18	\$41.96
E. Field Visits		\$0.00		\$0.00		\$0.00		\$0.00	6	\$259.62		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	6	\$259.62	\$43.27
F. Shop Drawing Reviews		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Roadway		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Drainage/Permits		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Fiber Optic Network		\$0.00	1	\$68.08		\$0.00		\$0.00	12	\$519.24		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Signing and Marking		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	13	\$587.32	\$45.18
Structures		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Lighting		\$0.00		\$0.00		\$0.00		\$0.00	8	\$346.16		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Utilities		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	8	\$346.16	\$43.27
Aesthetic Elements		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
Geotechnical Elements		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
G. Requests for Information		\$0.00	1	\$68.08		\$0.00	2	\$125.64	30	\$1,298.10		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
H. Meetings		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	33	\$1,491.82	\$45.21
I. Plan Revisions		\$0.00	1	\$68.08		\$0.00		\$0.00	12	\$519.24		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
J. Bridge Load Ratings		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	8	\$246.64		\$0.00	21	\$833.96	\$39.71
K. Geotechnical Services		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
L. Utilities		\$0.00		\$0.00		\$0.00	2	\$125.64	2	\$86.54		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
M. Record Drawings		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	4	\$212.18	\$53.05
N. Project Management	4	\$289.28		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00	#DIV/0!
TOTALS:	4	\$289.28	4	\$272.32	0	\$0.00	4	\$251.28	84	\$3,634.68	0	\$0.00	0	\$0.00	0	\$0.00	12	\$369.96	0	\$0.00	108	\$4,817.52	\$44.61
DISTRIBUTION OF COST ELEMENTS TO BASIC ACTIVITIES:												TOTAL CONTRACT FEE COMPUTATIONS:											
Post Design Multiplier Calculation = Original Multiplier + (((Original expenses/ Original Labor) x 50%)												TOTAL ACTIVITY SALARY COSTS:										\$4,817.52	
												Multiplier: 3.15										\$15,175.19	
												RS&H FEE:										\$15,175.19	

POST DESIGN SERVICES

Activity C: Pre-Bid Conference

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1.	EA	1	0	0	0	0	Will not attend.
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	0	0	
11. Quality Control	5%		N/A	N/A	N/A	0	
12. Supervision	2%		N/A	N/A	N/A	0	
Totals:				0	0	0	

POST DESIGN SERVICES

Activity D: Addenda

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. ITS	EA	1	14	3	14	4	One ITS addendum.
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				3	14	4	
11. Quality Control	5%		N/A	N/A	1	0	
12. Supervision	2%		N/A	N/A	N/A	0	
Totals:				3	15	4	

POST DESIGN SERVICES

Activity E: Field Visits

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Lighting Loadcenter Inspection	EA	1	3	0	3	0	Assume 1 visit
2. ITS Loadcenter Inspection	EA	1	3	0	3	0	Assume 1 visit
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	6	0	
11. Quality Control	5%		N/A	N/A	N/A	0	
12. Supervision	2%		N/A	N/A	N/A	0	
Totals:				0	6	0	

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Roadway	LS	1		N/A	0	0	
2. Drainage	LS	1		N/A	0	0	
3. Fiber Optic Network & Related Items	LS	2	6	N/A	12	0	
4. Signing and Marking	LS	1		N/A	0	0	
5. Structures	LS	1		N/A	0	0	
6. Lighting	LS	2	4	N/A	8	0	
7. Utilities	LS	1		N/A	0	0	
8. Aesthetic Elements	EA	1		N/A	0	0	
9. Geotechnical Elements	LS	1		N/A	0	0	
10.							
Subtotal:				0	20	0	
11. Quality Control	5%		N/A	N/A	1	0	IFON
12. Supervision	0%		N/A	N/A	N/A	0	
Totals:				0	21	0	

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Fiber Optic Network & Related Items (1 of 2)

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Conduit	EA			N/A	0	0	
2. RS 485 - Communication Wire	EA			N/A	0	0	
3. Fiber Optic Cable 12 count	EA			N/A	0.0	0	
4. Fiber Optic Cable 24 count	EA			N/A	0.0	0	
5. Fiber Optic Cable 72 Count	EA			N/A	0.0	0	
6. Fiber Patch panel	EA			N/A	0	0	
7. UPS system	EA			N/A	0	0	
8. UPS Batteries	EA			N/A	0	0	
9. ITS Cabinet	EA			N/A	0	0	
10. NEMA Enclosure	EA			N/A	0	0	
11. Ethernet Switch	EA			N/A	0	0	
12. ITS Commander	EA			N/A	0	0	
13. APT Surge Protection Devices	EA			N/A	0	0	
14. Splice Enclosure	EA			N/A	0	0	
15. Splice Tray	EA			N/A	0	0	
16. Fiber Pullbox	EA			N/A	0	0	
17. Electrical Pullbox	EA			N/A	0	0	
18. FOMH 4x4x4	EA			N/A	0	0	
19. FOMH 4x6.5x6.5	EA			N/A	0	0	
20. BPGF Conduit	EA			N/A	0	0	

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Fiber Optic Network & Related Items (2 of 2)

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
21. Bridge Hangers	EA			N/A	0	0	
22. PVC Conduit	EA			N/A	0	0	
23. Radar Devices	EA			N/A	0	0	
24. Device Servers	EA			N/A	0	0	
25. Wire harneses for Radar Devices	EA			N/A	0	0	
26. DCS devices	EA			N/A	0	0	
27. Antennae for DCS devices	EA			N/A	0	0	
28. Enclosures for DCS Readers	EA			N/A	0	0	
29. Reader Units for DCS	EA			N/A	0	0	
30. Coaxial Cable for DCS units	EA			N/A	0	0	
31. Electrical Transformers	EA			N/A	0	0	
32. Electrical Load Centers	EA	2	6	N/A	12	0	Assuming one submittal and one resbmittal. Includes all Electrical loadcenters serving ITS loads and Circuit Breakers.
33. Electrical Disconnects	EA			N/A	0	0	
34. Ground Rods	EA			N/A	0	0	
35. Lightning Arrestors	EA			N/A	0	0	
36. Rigid Galvanized Steel Conduits	EA			N/A	0	0	
37. Misc/unknown	EA			N/A	0	0	
38.	EA			N/A	0	0	
Subtotal:					12	0	
39. Quality Control	5%		N/A	N/A	1	0	
40. Supervision	2%		N/A	N/A	0	0	
Totals:					13	0	

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews - Lighting

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. LED for signs	EA			N/A	0	0	
2. LED for underdeck	EA			N/A	0	0	
3. Underdeck overall	EA			N/A	0	0	
4. light poles	EA			N/A	0	0	
5. conduits/conductors	EA			N/A	0	0	
6. load centers/switches	EA	2	4	N/A	8	0	Assuming one submittal and one resbmittal. Includes all Electrical loadcenters serving Lighting loads and Circuit Breakers.
	EA			N/A	0	0	
Subtotal:					8	0	
21. Quality Control	5%		N/A	N/A	0	0	
22. Supervision	2%		N/A	N/A	0	0	
Totals:					8	0	

POST DESIGN SERVICES

Activity G: Requests for Information

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Roadway	EA			N/A	0	0	
2. Drainage	EA			N/A	0	0	
3. Fiber Optic Network & Related Items	EA	5	3	N/A	15	0	Based on 5 RFI's
4. Signing and Marking	EA			N/A	0	0	
5. Structures	EA			N/A	0	0	
6. Lighting	EA	5	3	N/A	15	0	Based on 5 RFI's
7. Utilities	EA			N/A	0	0	
8. Aesthetic Elements	EA			N/A	0	0	
9. Geotechnical Elements	EA			N/A	0	0	
10.							
Subtotal:				0	30	0	
11. Quality Control	5%		N/A	N/A	2	0	
12. Supervision	2%		N/A	N/A	1	0	
Totals:				0	33	0	

POST DESIGN SERVICES

Activity H: Meetings

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Construction NTP Meeting	EA				0		Will not attend.
2. Construction Meetings	EA				0		Will not attend.
3. Partnering Meetings	EA				0		Will not attend.
4. Pre-award meeting	EA				0		Will not attend.
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	0	0	
11. Quality Control			N/A	N/A	N/A	0	
12. Supervision			N/A	N/A	N/A	0	
Totals:				0	0	0	

POST DESIGN SERVICES

Activity I: Plan Revisions

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Roadway	EA			N/A	0		
2. Drainage	EA			N/A	0		
3. Fiber Optic Network & Related Items	EA	1	6	N/A	6	4	Assumes one ITS Plans revision.
4. Signing and Marking	EA			N/A	0		
5. Structures	EA			N/A	0		
6. Lighting	EA	1	6	N/A	6	4	Assumes one Lighting Plans revision.
7. Utilities	EA			N/A	0		
8. Aesthetic Elements	EA			N/A	0		
9. Geotechnical Elements	EA			N/A	0		
10.							
Subtotal:				0	12	8	
11. Quality Control	5%		N/A	N/A	1		
12. Supervision	2%		N/A	N/A	0		
Totals:				0	13	8	

POST DESIGN SERVICES

Activity L: Utilities

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Utility Coordination for Loadcenters	EA	2	2	N/A	4	0	
2.					0		
3.					0		
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	4	0	
11. Quality Control	5%		N/A	N/A	0	0	
12. Supervision	2%		N/A	N/A	0	0	
Totals:				0	4	0	

POST DESIGN SERVICES

Activity M: Record Drawings

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Roadway	LS			N/A	0		
2. Drainage	LS			N/A	0		
3. Fiber Optic Network	LS			N/A	0		
4. Signing and Marking	LS			N/A	0		
5. Structures	LS			N/A	0		
6. Lighting	LS			N/A	0		
7. Utility Adjustment sheets	LS			N/A	0		
8. Aesthetic Elements	LS			N/A	0		
9.							
10.							
Subtotal:				0	0		
11. Quality Control	5%		N/A	N/A	0		
12. Supervision	2%		N/A	N/A	0		
Totals:				0	0		

POST DESIGN SERVICES

Activity N: Project Management

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. ITS and Lighting	LS	1	4	0	4	0	
2.					0		
3.					0		
4.							
5.							
6.							
7.							
8.							
9.							
10.							
Subtotal:				0	4	0	
11. Quality Control	5%		N/A	N/A	0	0	
12. Supervision	2%		N/A	N/A	0	0	
Totals:				0	4	0	

WBQ Design & Engineering, Inc. (WBQ)

Subconsultant

Wekiva Section 429-206

Post Design Fee Proposal

Fee: \$42,946.36

SUB CONSULTANT: WBQ

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POST DESIGN SERVICES

Activity E: Field Visits

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Field Visits (1 - Roadway and 1 - Drainage)	EA	2	4		8		(1 - Roadway and 1 - Drainage)
2. Field Visits (2 - Utilities)	EA	2	4		8		(2 - Utilities)
3.							
4.							
Subtotal:				0	16	0	
11. Quality Control	0%		N/A	N/A	N/A	0	
12. Supervision	0%		N/A	N/A	N/A	0	
Totals:				0	16	0	

POST DESIGN SERVICES

Activity F: Shop Drawing Reviews

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Signing and Marking	LS			N/A	0	0	
2. Drainage	LS	2	16	N/A	32	0	
3. Roadway	LS	2	4	N/A	8	0	
4.	LS			N/A	0	0	
Subtotal:				0	40	0	
11. Quality Control			N/A	N/A		0	
12. Supervision			N/A	N/A		0	
Totals:				0	40	0	

POST DESIGN SERVICES

Activity G: Requests for Information

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Utilities	EA	4	3	N/A	12	0	
2. Signing and Marking	EA			N/A	0	0	
3. Roadway	EA	8	3	N/A	24	0	
4. Drainage	EA	8	3	N/A	24	0	
Subtotal:				0	60	0	
11. Quality Control	5%		N/A	N/A	3	0	
12. Supervision	2%		N/A	N/A	1	0	
Totals:				0	64	0	

POST DESIGN SERVICES

Activity H: Meetings

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Meetings	EA	2	2		4		1 meeting every 6 months x 12 month schedule = 2 Meetings
2.	EA				0		
3.	EA				0		
4.	EA				0		
Subtotal:				0	4	0	
11. Quality Control	0%		N/A	N/A	N/A	0	
12. Supervision	0%		N/A	N/A	N/A	0	
Totals:				0	4	0	

POST DESIGN SERVICES

Activity I: Plan Revisions

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Signing and Marking	EA			N/A	0		
2. Roadway	EA	3	10	N/A	30		
3. Drainage	EA	3	10	N/A	30		
4. Utilities	EA	3	4	N/A	12		
Subtotal:				0	72		
11. Quality Control	5%		N/A	N/A	4		
12. Supervision	2%		N/A	N/A	1		
Totals:				0	77		

POST DESIGN SERVICES

Activity L: Utilities

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Utilities Coordination	EA	4	4	N/A	16	0	
2. Utility Correspondence	EA	4	1	N/A	4	0	
Subtotal:				0	20	0	
11. Quality Control	5%		N/A	N/A	1	0	
12. Supervision	2%		N/A	N/A	0	0	
Totals:				0	21	0	

POST DESIGN SERVICES

Activity M: Record Drawings

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Signing and Marking	LS			N/A	0		
2. Utility Adjustment sheets	LS	1	4	N/A	4		
3. Roadway Plans	LS	1	8	N/A	8		
4.				N/A	0		
Subtotal:				0	12		
11. Quality Control	5%		N/A	N/A	1		
12. Supervision	2%		N/A	N/A	0		
Totals:				0	13		

POST DESIGN SERVICES

Activity N: Project Management

Task	Basis of Estimate	Number of Units	Hours per Unit	Number of Sheets	Total Hours	CADD Hours	Remarks
1. Addenda	EA	0	0		0		
2. Coordination	EA	12	1		12		1 hour per month
3. Misc Correspondence	EA	12	1		12		1 hour per month
4.							
Subtotal:				0	24	0	
11. Quality Control	0%		N/A	N/A	0	0	
12. Supervision	0%		N/A	N/A	0	0	
Totals:				0	24	0	

Project No. 429-206
Contract No. 000860

**ORLANDO-ORANGE COUNTY EXPRESSWAY AUTHORITY
AGREEMENT FOR PROFESSIONAL SERVICES**

THIS AGREEMENT, made and entered into this 7th day of December, 2012, by and between the ORLANDO-ORANGE COUNTY EXPRESSWAY AUTHORITY, a corporate body and agency of the State of Florida, created by Chapter 63-573 Laws of Florida, 1963, (Chapter 348, Part V, Florida Statutes) hereinafter called the "AUTHORITY" and DRMP, INC., hereinafter called "CONSULTANT", carrying on professional practice in engineering with offices located at 941 Lake Baldwin Lane, Orlando, Florida 32814.

That the AUTHORITY did determine that the CONSULTANT is fully qualified to render the services contracted.

WITNESSETH:

1.0 The AUTHORITY does hereby retain the CONSULTANT to furnish certain services in connection with the design of S.R. 429 (Wekiva Parkway) from the Lake County Line to S.R. 46 (East of Round Lake Road) identified as Project No. 429-206 and Contract No. 000860.

2.0 The CONSULTANT and the AUTHORITY mutually agree to furnish, each to the other, the respective services, information and items as described in Exhibit "A", Scope of Services, attached hereto and made a part hereof.

Before any additions or deletions to the work described in Exhibit "A", and before undertaking any changes or revisions to such work, the parties shall negotiate any necessary cost changes and shall enter into a Supplemental Amendment covering such modifications and the compensation to be paid therefore.

Reference herein to this Agreement shall be considered to include any Supplemental Agreement thereto.

Reference herein to Director shall mean the AUTHORITY's Executive Director.

Reference herein to the Project Manager shall mean the AUTHORITY's Director of Engineering or his authorized designee. The Project Manager shall provide the management and technical direction for this Agreement on behalf of the AUTHORITY. All technical and administrative provisions of this Agreement shall be managed by the Project Manager and the CONSULTANT shall comply with all of the directives of the Project Manager that are within the purview of this Agreement. Decisions concerning Agreement amendments and adjustments, such as time extensions and supplemental agreements shall be made by the Project Manager.

This Agreement is considered a non-exclusive Agreement between the parties.

3.0 TERM OF AGREEMENT AND RENEWALS

Unless otherwise provided herein or by Supplemental Agreement, the provisions of this Agreement will remain in full force and effect for a three-year term from the date of the Notice to Proceed for the required project services as detailed in Exhibit "A". Renewal of this Agreement for up to two one-year renewal periods may be exercised by the AUTHORITY at its sole discretion. Renewals will be based, in part, on a determination by the AUTHORITY that the value and level of service provided by the CONSULTANT are satisfactory and adequate for the AUTHORITY's needs.

The CONSULTANT agrees to commence the scheduled project services to be rendered within ten (10) calendar days from the date specified in the written Notice to Proceed from the Project Manager, which Notice to Proceed will become part of this Agreement. The CONSULTANT shall complete scheduled project services within the timeframe(s) specified in Exhibit "A", or as may be modified by subsequent Supplemental Agreement.

The CONSULTANT agrees to provide Project Schedule progress reports in a format acceptable to the AUTHORITY and at intervals established by the AUTHORITY. The AUTHORITY will be entitled at all times to be advised, at its request, as to the status of work being done by the CONSULTANT and of the details thereof. Coordination shall be maintained by the CONSULTANT with representatives of the AUTHORITY, or of other agencies interested in the project on behalf of the AUTHORITY. Either party to the Agreement may request and be granted a conference.

In the event there are delays on the part of the AUTHORITY as to the approval of any of the materials submitted by the CONSULTANT or if there are delays occasioned by circumstances beyond the control of the CONSULTANT, which delay the scheduled project completion date, the AUTHORITY may grant to the CONSULTANT by "Letter of Time Extension" an extension of the scheduled project completion date equal to the aforementioned delays. The letter will be for time only and will not include any additional compensation.

It shall be the responsibility of the CONSULTANT to ensure at all times that sufficient time remains within the project schedule within which to complete the services on the project. In the event there have been delays which would affect the scheduled project completion date, the CONSULTANT shall submit a written request to the AUTHORITY which identifies the reason(s) for the delay, the amount of time related to each reason and specific indication as to whether or not the delays were concurrent with one another. The AUTHORITY will review the request and make a determination as to granting all or part of the requested extension.

In the event the scheduled project completion date is reached and the CONSULTANT has not requested, or if the AUTHORITY has denied, an extension of the completion date, partial

progress payments will be stopped when the scheduled project completion date is met. No further payment for the project will be made until a time extension is granted or all work has been completed and accepted by the AUTHORITY.

5.0 PROFESSIONAL STAFF

The CONSULTANT shall maintain an adequate and competent professional staff to enable the CONSULTANT to timely perform under this Agreement. The CONSULTANT shall continue to be authorized to do business within the State of Florida. In the performance of these professional services, the CONSULTANT shall use that degree of care and skill ordinarily exercised by other similar professionals in the field under similar conditions in similar localities. The CONSULTANT shall use due care in performing in a design capacity and shall have due regard for acceptable standards of design principles. The CONSULTANT may associate with it such specialists, for the purpose of its services hereunder, without additional cost to the AUTHORITY, other than those costs negotiated within the limits and terms of this Agreement. Should the CONSULTANT desire to utilize specialists, the CONSULTANT shall be fully responsible for satisfactory completion of all subcontracted work. The CONSULTANT, however, shall not sublet, assign or transfer any work under this Agreement to other than the associate consultants listed below without the written consent of the AUTHORITY. It is understood and agreed that the AUTHORITY will not, except for such services so designated herein, permit or authorize the CONSULTANT to perform less than the total contract work with other than its own organization.

Aerial Cartographics of America, Inc. (Class 2)
Geotechnical and Environmental Consultants, Inc. (Class 2)
Antillian Engineering Associates (Class 2)
Littlejohn Engineering Associates, Inc. (Class 1)
Reynolds, Smith and Hills, Inc. (Class 1)
WBQ Design & Engineering, Inc. (Class 1)

CONSULTANT shall not further sublet, sell, transfer, assign, delegate, subcontract, or otherwise dispose of this Contract or any portion thereof, or of the CONSULTANT's right, title, or interest therein without the written consent of the AUTHORITY, which may be withheld in the AUTHORITY'S sole and absolute discretion. Any attempt by CONSULTANT to dispose of this Contract as described above, in part or in whole, without AUTHORITY'S written consent shall be null and void and shall, at AUTHORITY's option, constitute a default under the Contract.

If, during the term of the Contract, CONSULTANT desires to subcontract any portion(s) of the work to a subconsultant that was not disclosed by the CONSULTANT to the AUTHORITY at the time that the Contract was originally awarded, and such subcontract would, standing alone or aggregated with prior subcontracts awarded to the proposed subconsultant, equal or exceed twenty five thousand dollars (\$25,000.00), the CONSULTANT shall first submit a request to the AUTHORITY's Director of Procurement for authorization to enter into such subcontract. Except in the case of an emergency, as determined by the Executive Director or his/her designee, no such subcontract shall be executed by the CONSULTANT until it has been approved by the AUTHORITY Board. In the event of a designated emergency, the CONSULTANT may enter into such a subcontract with the prior written approval of the Executive Director or his/her designee, but such subcontract shall contain a provision that provides that it shall be automatically terminated if not approved by the AUTHORITY Board at its next regularly scheduled meeting.

6.0 SERVICES TO BE PROVIDED

The work covered by this Agreement includes the preparation of construction plans for one construction project. If the work is divided into more than one construction project by the AUTHORITY's Project Manager, then the CONSULTANT shall supply construction plans for each project. A Supplemental Agreement will be required for the additional work.

All construction plans, documents, reports, studies and other data prepared by the CONSULTANT shall bear the endorsement of a person in the full employ of the CONSULTANT and duly registered by the State of Florida in the appropriate professional category.

After the AUTHORITY's acceptance of construction plans and documents for the project, the original set of CONSULTANT's drawings, tracings, plans, maps and CADD files shall be provided to the AUTHORITY, along with one record set of the final plans. The CONSULTANT shall signify, by affixing an endorsement (seal/signature, as appropriate) on every sheet of the record set, that the work shown on the endorsed sheets was produced by the CONSULTANT. With the tracings and the record set of prints, the CONSULTANT shall submit a final set of design computations. The computations shall be bound in an 8-1/2 x 11" format and shall be endorsed (seal/signature, as appropriate) by the CONSULTANT. Refer to Exhibit "A" for the computation data required for this Agreement.

The CONSULTANT shall submit a final set of reports and studies which shall be endorsed (seal/signature) by the CONSULTANT.

The CONSULTANT shall not be liable for use by the AUTHORITY of said plans, documents, reports, studies or other data for any purpose other than intended by the terms of this Agreement.

7.0 COMPENSATION

The AUTHORITY agrees to pay the CONSULTANT compensation as detailed in Exhibit "B", Method of Compensation, attached hereto and made a part hereof, in the amount of \$2,900,000.00. Bills for fees or other compensation for services or expenses shall be submitted to the AUTHORITY in detail sufficient for a proper pre-audit and post audit thereof.

The CONSULTANT may be liable for AUTHORITY costs resulting from errors or deficiencies in designs furnished under this Agreement. The AUTHORITY may enforce such liability and collect the amount due if the recoverable cost will exceed the administrative cost involved or is otherwise in the AUTHORITY's best interest.

Records of costs incurred by the CONSULTANT under terms of this Agreement shall be maintained and made available upon request to the AUTHORITY at all times during the period of this Agreement and for three years after final payment is made. Copies of these documents and records shall be furnished to the AUTHORITY upon request. The CONSULTANT agrees to incorporate the provisions of this paragraph in any subcontract into which it might enter with reference to the work performed.

Records of costs incurred includes the CONSULTANT's general accounting records and the project records, together with supporting documents and records, of the CONSULTANT and all subconsultants performing work on the project, and all other records of the CONSULTANT and subconsultants considered necessary by the AUTHORITY for a proper audit of project costs.

The general cost principles and procedures for the negotiation and administration, and the determination or allowance of costs under this Agreement shall be as set forth in the Code of Federal Regulations, Titles 23, 48, 49, and other pertinent Federal and State Regulations, as applicable, with the understanding that there is no conflict between State and Federal regulations in that the more restrictive of the applicable regulations will govern. Whenever travel costs are included in Exhibit "B", the provisions of Section 112.061, Florida Statutes, shall govern as to reimbursable costs.

8.0 DOCUMENT OWNERSHIP AND RECORDS

All plans, documents, reports, studies, and/or other data prepared or obtained under this Agreement shall be considered instruments made for services and shall become the property of the AUTHORITY without restriction or limitation on their use on this project; and shall be made available, upon request, to the AUTHORITY at any time. The AUTHORITY will have the right to visit the site for inspection of the work and the drawings of the CONSULTANT at any time. Unless changed by written agreement of the parties, said site shall be 941 Lake Baldwin Lane, Orlando, Florida 32814.

The CONSULTANT shall allow public access to all documents, papers, letters, or other material as approved and authorized by the AUTHORITY and subject to the provisions of Chapter 119, Florida Statutes, and made or received by the CONSULTANT in conjunction with this Agreement. Failure by the CONSULTANT to grant such public access shall be ground for immediate unilateral cancellation of this Agreement by the AUTHORITY.

9.0 COMPLIANCE WITH LAWS

The CONSULTANT shall comply with all federal, state and local laws and ordinances applicable to the work or payment for work thereof, and shall not discriminate on the grounds of race, color, religion, sex, or national origin in the performance of work under this contract.

The CONSULTANT shall keep fully informed regarding and shall fully and timely comply with all current laws and future laws that may affect those engaged or employed in the performance of this Agreement.

10.0 WAGE RATES AND TRUTH-IN-NEGOTIATIONS CERTIFICATE

The CONSULTANT hereby certifies, covenants and warrants that wage rates and other factual unit costs as shown in attached Exhibit "C", Details of Costs and Fees, supporting the

compensation are accurate, complete and current as of the date of this Agreement. It is further agreed that said price shall be adjusted to exclude any significant sums where the AUTHORITY shall determine the price was increased due to inaccurate, incomplete or non-current wage rates and other factual unit costs. All such adjustments shall be made within one year following the date of final billing or acceptance of the work by the AUTHORITY, whichever is later.

11.0 TERMINATION

The AUTHORITY may terminate this Agreement in whole or in part at any time the interest of the AUTHORITY requires such termination.

If the AUTHORITY determines that the performance of the CONSULTANT is not satisfactory, the AUTHORITY shall have the option of (a) immediately terminating the Agreement or (b) notifying the CONSULTANT of the deficiency with a requirement that the deficiency be corrected within a specified time, otherwise the Agreement will be terminated at the end of such time.

If the AUTHORITY requires termination of the Agreement for reasons other than unsatisfactory performance of the CONSULTANT, the AUTHORITY shall notify the CONSULTANT in writing of such termination, not less than seven (7) calendar days as to the effective date of termination or specify the stage of work at which the Agreement is to be terminated.

If the AUTHORITY abandons the work or subtracts from the work, suspends, or terminates the Agreement as presently outlined, the CONSULTANT shall be compensated on the basis of the percentage completion ratio of the fixed fee shown in attached Exhibit "B", plus actual costs as determined in Exhibit "B". In determining the percentage of work completed, the AUTHORITY shall consider the work performed by the CONSULTANT prior to abandonment or termination to the total amount of work contemplated by this Agreement. The ownership of all

engineering documents completed or partially completed at the time of such termination or abandonment, shall be retained by the AUTHORITY.

The AUTHORITY reserves the right to cancel and terminate this Agreement in the event the CONSULTANT or any employee, servant, or agent of the CONSULTANT is indicted or has a direct information issued against him for any crime arising out of or in conjunction with any work being performed by the CONSULTANT for or on behalf of the AUTHORITY, without penalty.

It is understood and agreed that in the event of such termination, all tracings, plans, specifications, maps, and data prepared or obtained under this Agreement shall immediately be turned over to the AUTHORITY. The CONSULTANT shall be compensated for its services rendered up to the time of any such termination in accordance with Paragraph 11.0 hereof. The AUTHORITY also reserves the right to terminate or cancel this Agreement in the event the CONSULTANT shall be placed in either voluntary or involuntary bankruptcy or an assignment be made for the benefit of creditors. The AUTHORITY further reserves the right to suspend the qualifications of the CONSULTANT to do business with the AUTHORITY upon any such indictment or direct information. In the event that any such person against whom any such indictment or direct information is brought shall have such indictment or direct information dismissed or be found not guilty, such suspension on account thereof may be lifted by the AUTHORITY's Project Manager.

12.0 ADJUSTMENTS

All services shall be performed by the CONSULTANT to the reasonable satisfaction of the Project Manager who shall decide all questions, difficulties and dispute of any nature whatsoever that may arise under or by reason of this Agreement, the prosecution and fulfillment of the services hereunder and the character, quality, amount and value thereof. Adjustments of compensation and term of the Agreement, because of any major changes in the work that may become

necessary or desirable as the work progresses, shall be left to the absolute discretion of the Director and Supplemental Agreement(s) of such a nature as required may be entered into by the parties in accordance herewith. Disputes between the Project Manager and the CONSULTANT that cannot be resolved shall be referred to the Director whose decision shall be final.

In the event that the CONSULTANT and the AUTHORITY are not able to reach an agreement as to the amount of compensation to be paid to the CONSULTANT for supplemental work desired by the AUTHORITY, the CONSULTANT shall be obligated to proceed with the supplemental work in a timely manner for the amount determined by the AUTHORITY to be reasonable. In such event, the CONSULTANT will have the right to file a claim with the AUTHORITY for such additional amounts as the CONSULTANT deems reasonable; however, in no event will the filing of the claim or the resolution or litigation thereof, through administrative procedures or the courts, relieve the CONSULTANT from the obligation to timely perform the supplemental work.

13.0 CONTRACT LANGUAGE AND INTERPRETATION

All words used herein in the singular form shall extend to and include the plural. All words used in the plural form shall extend to and include the singular. All words used in any gender shall extend to and include all genders.

References to statutes or regulations shall include all statutory or regulatory provisions consolidating, amending, or replacing the statute or regulation referred to. Words not otherwise defined that have well known technical or industry meanings, are used in accordance with such recognized meanings. References to persons include their respective functions and capacities.

If the CONSULTANT discovers any material discrepancy, deficiency, ambiguity, error, or omission in this Agreement, or is otherwise in doubt as to the meaning of any provision of

the Agreement, the CONSULTANT shall immediately notify the AUTHORITY and request clarification of the AUTHORITY's interpretation of this Agreement.

The Agreement shall not be more strictly construed against either party hereto by reason of the fact that one party may have drafted or prepared any or all of the terms and provisions hereof.

14.0 HOLD HARMLESS AND INDEMNIFICATION

The CONSULTANT shall indemnify and hold harmless the AUTHORITY and all of its officers and employees from any liabilities, losses, damages, costs, including, but not limited to reasonable attorneys' fee, arising out of any negligent act, error, omission by the CONSULTANT, its agents, employees, or subcontractors during the performance of the Agreement, except that neither the CONSULTANT, its agents, employees nor any of its subconsultants will be liable under this paragraph for any claim, loss, damage, cost, charge or expense arising solely out of any act, error, omission or negligent act by the AUTHORITY or any of its officers, agents or employees during the performance of the Agreement.

When the AUTHORITY receives a notice of claim for damages that may have been caused by the CONSULTANT in the performance of services required by the CONSULTANT under this Agreement, the AUTHORITY will immediately forward the notice of claim to the CONSULTANT. The CONSULTANT and the AUTHORITY will evaluate the notice of claim and report their findings to each other within fourteen working days.

In the event a lawsuit is filed against the AUTHORITY alleging negligence or wrongdoing by the CONSULTANT, the AUTHORITY and the CONSULTANT will jointly discuss options in defending the lawsuit. After reviewing the lawsuit, the AUTHORITY will determine whether to request the participation of the CONSULTANT in the defense of the lawsuit or to request

that the CONSULTANT defend the AUTHORITY in such lawsuit as described in this section. The AUTHORITY's failure to notify the CONSULTANT of a notice of claim will not release the CONSULTANT from any of the requirements of this section upon subsequent notification by the AUTHORITY to the CONSULTANT of the notice of claim or filing of a lawsuit. The AUTHORITY and the CONSULTANT will pay their own cost for the evaluation, settlement negotiations and trial, if any. However, if only one party participates in the defense of the claim at trial, that party is responsible for all of its costs, but if the verdict determines that there is joint responsibility, the costs of defense and liability for damages will be shared in the same percentage as that judicially established. Nothing herein shall be construed to waive the sovereign immunity damages limitations afforded the AUTHORITY pursuant to F.S. 768.28.

The parties agree that 1% of the total compensation to the CONSULTANT for performance of this Agreement is the specific consideration from the AUTHORITY to the CONSULTANT for the CONSULTANT's indemnity agreement.

The CONSULTANT shall pay all royalties and assume all costs arising from the use of any invention, design, process materials, equipment, product or device which is the subject of patent rights or copyrights. The CONSULTANT shall, at its expense, hold harmless and defend the AUTHORITY against any claim, suit or proceeding brought against the AUTHORITY which is based upon a claim, whether rightful or otherwise, that the goods or services, or any part thereof, furnished under this Agreement, constitute an infringement of any patent or copyright of the United States. The CONSULTANT shall pay all damages and costs awarded against the AUTHORITY.

15.0 THIRD PARTY BENEFICIARY

The CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT to solicit or secure

this Agreement, and that the CONSULTANT has not paid or agreed to pay any person, company, corporation, individual or firm any fee, commission, percentage, gift or any other consideration, contingent upon or resulting from the award or making of this Agreement. It is understood and agreed that the term "fee" shall also include brokerage fee, however denoted. For the breach or violation of this paragraph, the AUTHORITY shall have the right to terminate this Agreement without liability, and, at its discretion, to deduct from the contract price, or otherwise recover, the full amount of such fee, commission percentage, gift or consideration.

16.0 INSURANCE

The CONSULTANT, at its own expense, shall keep in force and at all times maintain during the term of this Agreement all insurance of the types and to the limits specified herein.

The CONSULTANT shall require and ensure that each of its subconsultants providing services hereunder procures and maintains, until the completion of the services, insurance of the requirements, types and to the limits specified herein. Upon request from the AUTHORITY, the CONSULTANT shall furnish copies of certificates of insurance evidencing coverage of each subconsultant.

The CONSULTANT shall require all insurance policies in any way related to the work and secured and maintained by the CONSULTANT to include clauses stating each underwriter shall waive all rights of recovery, under subrogation or otherwise, against the AUTHORITY. The CONSULTANT shall require of subconsultants, by appropriate written agreements, similar waivers each in favor of all parties enumerated in this section. When required by the insurer, or should a policy condition not permit an endorsement, the CONSULTANT agrees to notify the insurer and request that the policy(ies) be endorsed with a Waiver of Transfer of Rights of Recovery Against Others, or an equivalent endorsement. This Waiver of Subrogation requirement shall not apply to any

policy, which includes a condition that specifically prohibits such an endorsement or voids coverage should the CONSULTANT enter into such an agreement on a pre-loss basis. At the CONSULTANT's expense, all limits must be maintained.

16.1 Commercial General Liability coverage shall be on an occurrence form policy for all operations including, but not limited to, Contractual, Products and Completed Operations, and Personal Injury. The limits shall be not less than One Million Dollars (\$1,000,000) per occurrence, Combined Single Limits (CSL) or its equivalent. The general aggregate limit shall apply separately to this Agreement (with the ISO CG 25 01 or insurer's equivalent endorsement provided to the AUTHORITY) or the general aggregate limit shall be twice the required occurrence limit. The AUTHORITY shall be listed as an additional insured. The CONSULTANT further agrees coverage shall not contain any endorsement(s) excluding or limiting Product/Completed Operations, Independent Consultants, Broad Form Property Damage, X-C-U Coverage, Contractual Liability, or Severability of Interests. The Additional Insured Endorsement included on all such insurance policies shall state that coverage is afforded the additional insured with respect to claims arising out of operations performed by or on behalf of the insured. If the additional insureds have other insurance which is applicable to the loss, such other insurance shall be excess to any policy of insurance required herein. The amount of the insurer's liability shall not be reduced by the existence of such other insurance.

16.2 Business Automobile Liability coverage shall be on an occurrence form policy for all owned, non-owned and hired vehicles issued on ISO form CA 00 01 or its equivalent. The limits shall be not less than One Million Dollars (\$1,000,000) per occurrence, Combined Single Limits (CSL) or its equivalent. In the event the CONSULTANT does not own automobiles the CONSULTANT shall maintain coverage for hired and non-owned auto liability, which may be

satisfied by way of endorsement to the Commercial General Liability policy or separate Business Auto Liability policy.

Each of the above insurance policies shall include the following provisions: (1) The standard severability of interest clause in the policy and when applicable the cross liability insurance coverage provision which specifies that the inclusion of more than one insured shall not operate to impair the rights of one insured against another insured, and the coverages afforded shall apply as though separate policies had been issued to each insured; (2) The stated limits of liability coverage for Commercial/Comprehensive General Liability, and Business Automobile Liability, assumes that the standard "supplementary payments" clause will pay in addition to the applicable limits of liability and that these supplementary payments are not included as part of the insurance policies limits of liability.

16.3 Workers' Compensation and Employer's Liability Insurance shall be provided as required by law or regulation (statutory requirements). Employer's Liability insurance shall be provided in amounts not less than \$100,000 per accident for bodily injury by accident, \$100,000 per employee for bodily injury by disease, and \$500,000 policy limit by disease. The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the AUTHORITY for all work performed by the CONSULTANT, its employees, agents and subconsultants.

16.4 Professional Liability Coverage shall have limits of not less than One Million Dollars (\$1,000,000) Combined Single Limit (CSL) or its equivalent, protecting the selected firm or individual against claims of the AUTHORITY for negligence, errors, mistakes or omissions in the performance of services to be performed and furnished by the CONSULTANT.

The CONSULTANT shall provide the AUTHORITY with Certificate(s) of Insurance with required endorsements on all the policies of insurance and renewals thereof in a form(s)

acceptable to the AUTHORITY. The AUTHORITY shall be notified in writing of any reduction, cancellation or substantial change of policy or policies at least thirty (30) days prior to the effective date of said action.

All insurance policies shall be issued by responsible companies who are acceptable to the AUTHORITY and licensed to do business under the laws of the State of Florida. Each Insurance company shall minimally have an A.M. Best rating of A-:VII. If requested by the AUTHORITY, the AUTHORITY shall have the right to examine copies and relevant provisions of the insurance policies required by this Agreement, subject to the appropriate confidentiality provisions to safeguard the proprietary nature of CONSULTANT manuscript policies.

Any deductible or self-insured retention must be declared to and approved by the AUTHORITY. At the option of AUTHORITY, either the insurer shall reduce or eliminate such deductibles or self-insured retentions as requests the AUTHORITY, or the CONSULTANT shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

All such insurance required by the CONSULTANT shall be primary to, and not contribute with, any insurance or self-insurance maintained by the AUTHORITY.

Compliance with these insurance requirements shall not relieve or limit the CONSULTANT's liabilities and obligations under this Agreement. Failure of the AUTHORITY to demand such certificate or evidence of full compliance with these insurance requirements or failure of the AUTHORITY to identify a deficiency from evidence provided will not be construed as a waiver of the CONSULTANT's obligation to maintain such insurance.

The acceptance of delivery by the AUTHORITY of any certificate of insurance evidencing the required coverage and limits does not constitute approval or agreement by the

AUTHORITY that the insurance requirements have been met or the insurance policies shown in the certificates of insurance are in compliance with the requirements.

17.0 COMMUNICATIONS, PUBLIC RELATIONS, AND USE OF LOGOS

The CONSULTANT agrees that it shall make no statements, press releases or publicity releases concerning this Agreement or its subject matter or otherwise disclose or permit to be disclosed any of the data or other information obtained or furnished in compliance with this Agreement, or any particulars thereof, during the period of the Agreement, without first notifying the AUTHORITY and securing its consent in writing. The CONSULTANT also agrees that it shall not publish, copyright or patent any of the data furnished in compliance with this Agreement, it being understood that, under Paragraph 8.00 hereof, such data or information is the property of the AUTHORITY.

Regarding the use of logos, printed documents and presentations produced for the AUTHORITY shall not contain the name of logo of the CONSULTANT unless approved by the AUTHORITY's Public Affairs Manager or his/her designee. If a copy of the AUTHORITY logo is to be used in a document or presentation, the logo shall not be altered in any way. The width and height of the logo shall be of equal proportions. If a color logo is used, the logo shall conform to the proper PMS colors of 2602 purple and 166 orange. If a black and white logo is utilized, the logo shall be properly screened to insure all layers of the logo are visible. The logo shall always have a white background that extends beyond the logo border. The proper presentation of the AUTHORITY logo is of utmost importance to the AUTHORITY. Any questions regarding the use of the AUTHORITY logo shall be directed to the Public Affairs Manager or his/her designee.

18.0 STANDARD OF CONDUCT

The CONSULTANT covenants and agrees that it and its employees shall be bound by the standards of conduct provided in Florida Statutes 112.313 as it relates to work performed under this Agreement, which standards will by reference be made a part of this Agreement as though set forth in full. The CONSULTANT agrees to incorporate the provisions of this paragraph in any subcontract into which it might enter with reference to the work performed.

The CONSULTANT acknowledges that it has read the AUTHORITY's Code of Ethics and to the extent applicable to the CONSULTANT agrees to abide with such policy.

19.0 DOCUMENTED ALIENS

The CONSULTANT warrants that all persons performing work for the AUTHORITY under this Agreement, regardless of the nature or duration of such work, shall be United States citizens or properly authorized and documented aliens. The CONSULTANT shall comply with all federal, state and local laws and regulations pertaining to the employment of unauthorized or undocumented aliens at all times during the performance of this Agreement and shall indemnify and hold the AUTHORITY harmless for any violations of the same. Furthermore, if the AUTHORITY determines that CONSULTANT has knowingly employed any unauthorized alien in the performance of this Agreement, the AUTHORITY may immediately and unilaterally terminate this Agreement for cause.

20.0 CONFLICT OF INTEREST

The CONSULTANT shall not knowingly enter into any other contract with the AUTHORITY during the term of this Agreement which would create or involve a conflict of interest with the services provided herein. Likewise, subconsultants shall not knowingly enter into any other contract with the AUTHORITY during the term of this Agreement which would create or involve a conflict of interest with the service provided herein and as described below. Questions regarding

potential conflicts of interest shall be addressed to the Director for resolution. During the term of this Agreement, the CONSULTANT is not eligible to pursue any advertised construction engineering and inspection projects of the AUTHORITY as either a prime or subconsultant where the CONSULTANT participated in the oversight of the projects or for any project which the CONSULTANT prepared plans and/or specifications. Subconsultants are also ineligible to pursue construction engineering and inspection projects where they participated in the oversight of the projects or for any project which the subconsultant was involved in the preparation of plans and/or specifications.

21.0 SEVERABILITY

The invalidity or non-enforceability of any portion or provision of this Agreement shall not affect the validity or enforceability of any other portion or provision. Any invalid or unenforceable portion or provision shall be deemed severed from this Agreement and the balance hereof shall be construed and enforced as if this Agreement did not contain such invalid or unenforceable portion or provision.

22.0 GOVERNING LAW AND VENUE

This Agreement shall be governed by and constructed in accordance with the laws of the State of Florida. Venue of any judicial proceedings arising out of the Agreement shall be in Orange County, Florida.

23.00

ATTACHMENTS

Exhibit "A", Scope of Services

Exhibit "B", Method of Compensation

Exhibit "C", Details of Cost and Fees

Exhibit "D", Project Organization Chart

Exhibit "E", Location Map

Exhibit "F", Project Schedule

IN WITNESS WHEREOF, the CONSULTANT and the AUTHORITY have caused this instrument to be signed by their respective duly authorized officials, as of the day and year first above written. This Contract was awarded by the Authority's Board of Directors at its meeting on December 7, 2012.

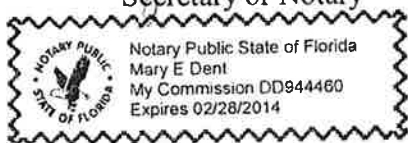
DRMP, INC.

BY: Jon S Meadows
Authorized Signature

Print Name: Jon S. Meadows

Title: Vice President

ATTEST: Mary E Dent (Seal)
Secretary or Notary



**ORLANDO-ORANGE COUNTY
EXPRESSWAY AUTHORITY**

BY: Claude Miller
Director of Procurement

Print Name: Claude Miller

Approved as to form and execution, only.

General Counsel for the AUTHORITY

Joseph J. Lassiatore