

**LOCAL AGENCY PROGRAM
SUPPLEMENTAL AGREEMENT**

SUPPLEMENTAL NO.

5

FEDERAL ID NO. (FAIN)

6239-028-U

CONTRACT NO.

ANT08

FEDERAL AWARD DATE

11/23/2004

FPN

250548-4-38-01

RECIPIENT DUNS NO.

079864898

Recipient, City of Key West, desires to supplement the original Agreement entered into and executed on December 12, 2004 as identified above. All provisions in the original Agreement and supplements, if any, remain in effect except as expressly modified by this supplement.

The changes to the Agreement and supplements, if any, are described as follows:

PROJECT DESCRIPTION

Name Reconstruction of SR A1A (South Roosevelt Blvd.) in the City of KW Length 0.777 mile

Termini From Bertha Street to East End of Smathers Beach

Description of Work:

This project consists of the complete reconstruction of SR A1A (South Roosevelt Boulevard) from Bertha Street to the east end of Smathers Beach in the City of Key West. As part of this project, new drainage will be provided as well as signing and pavement markings.

Reason for Supplement and supporting engineering and/or cost analysis:

Additional funding of \$162,802.00 is being requested for Phase 38 with Supplemental Agreement #5. This will increase funding from \$914,723.00 to \$1,077,525.00.

The additional \$162,802.00 is needed to provide additional services for the design phase such as plan updates; meeting attendance for roadway, drainage, utility, etc.; environmental; structures miscellaneous; roadway, drainage, signalization, and signing/pavement marking analyses and plans; and lighting analysis.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
LOCAL AGENCY PROGRAM
SUPPLEMENTAL AGREEMENT
ADJUSTED EXHIBIT B SCHEDULE OF FUNDING

525-010-32
PROGRAM MANAGEMENT
11/18

RECIPIENT NAME & BILLING ADDRESS: City of Key West
1300 White Street
Key West, Florida 33040

FINANCIAL PROJECT NUMBER: 250548-4-38-01

PHASE OF WORK By Fiscal Year	FUNDING					
	(1) PREVIOUS TOTAL PROJECT FUNDS	(2) ADDITIONAL PROJECT FUNDS	(3) CURRENT TOTAL PROJECT FUNDS	(4) TOTAL LOCAL FUNDS	(5) TOTAL STATE FUNDS	(6) TOTAL FEDERAL FUNDS
Design						
FY: 2004-20018 (TAP up to SA-4)	\$914,723.00		\$914,723.00			\$914,723.00
FY: 2018-2019 (TAP)			\$162,802.00			\$162,802.00
FY: (Insert Program Name)						
Total Design Cost	\$914,723.00	\$ 0.00	\$1,077,525.00	\$ 0.00	\$ 0.00	\$1,077,525.00
Right-of-Way						
FY: (Insert Program Name)						
FY: (Insert Program Name)						
FY: (Insert Program Name)						
Total Right-of-Way Cost	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Construction						
FY: (Insert Program Name)						
FY: (Insert Program Name)						
FY: (Insert Program Name)						
Total Construction Cost	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Construction Engineering and Inspection (CEI)						
FY: (Insert Program Name)						
FY: (Insert Program Name)						
FY: (Insert Program Name)						
Total CEI Cost	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
(Insert Phase)						
FY: (Insert Program Name)						
FY: (Insert Program Name)						
FY: (Insert Program Name)						
Total Phase Costs	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
TOTAL COST OF THE PROJECT	\$914,723.00	\$ 0.00	\$1,077,525.00	\$ 0.00	\$ 0.00	\$1,077,525.00

COST ANALYSIS CERTIFICATION AS REQUIRED BY SECTION 216.3475, FLORIDA STATUTES:

I certify that the cost for each line item budget category has been evaluated and determined to be allowable, reasonable, and necessary as required by Section 216.3475, F.S. Documentation is on file evidencing the methodology used and the conclusions reached.

District Grant Manager Name

Signature

Date

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**LOCAL AGENCY PROGRAM
SUPPLEMENTAL AGREEMENT**

525-010-32
PROGRAM MANAGEMENT
07/17

IN WITNESS WHEREOF, the parties have executed this Agreement on the date last ascribed herein.

RECIPIENT City of Key West

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

By: _____

Name: James K. Scholl

Title: City Manager

By: _____

Name:

Title:

Date: _____

Legal Review:

EXHIBIT “A” SCOPE OF SERVICES

Supplemental Agreement No. 5 FPID No. 250548-4-38-01 Contract No. ANT08

1.0 BACKGROUND:

The Consultant was retained by the Department to provide Design Services for the SR No. A1A/South Roosevelt Boulevard from Bertha Street to End of Smathers Beach.

2.0 PURPOSE:

The purpose of this supplemental amendment is to provide additional services for the FDOT design project FPID No. 250548-4-38-01.

3.0 SCOPE:

The additional Scope of Work has been identified as the following:

3.1 Project General and Project Common Tasks

- Updates to plans (using current criteria) (optional services)
- Meetings for roadway (determine how to move forward w/ proj., etc.)
- Meetings for drainage (additional meeting w/ construction, etc.)
- Meetings for utility (90% utility meeting, etc.)
- Meeting environmental (PD&E re-evaluation, etc.)
- Meetings for signal (HAWK)
- Meeting for lighting (turtle friendly lighting)
- Meeting for ROW (last parcel)
- Meeting for phase reviews (90% and 100%)
- Field review (project manager)

3.2 Roadway Analysis

- Revision to Pavement Design Package
- Revision to Typical Section Package
- Revision to horz. / vert. alignment (shift)
- Cross section at shift
- Revise variation to latest memo
- Cost estimate (90% and 100%)
- Project engineer field review
- Additional meeting need to complete project

3.3 Roadway Plans

- Key Sheet revision to new requirement
- Revision to Summary of Pay items
- Revise Summary of Quantities
- Revise typ. sect/detail sheets

- Revised general notes per latest standards
- Plan revision - Ped ramp relocation, new DBI/yard drain, realignment, M&R, etc.
- Driveway modification for Condo-special profile
- Cross section (shift)
- TTCP revision to relocate pedestrian path per ROW meeting.
- UTV sheet update

3.4 Drainage Analysis

- Drainage Map Hydrology (Modify previous map)
- Design Storm Drains (18 new structures and modify 15 impacted by new alignment)
- Drainage Wells (2 new wells)
- Drainage Design Documentation Report (Update documentation)
- Field review
- Additional meeting need to complete project

3.5 Drainage Plans

- Drainage Map (Modifications)
- Summary of Drainage Structures (8 new structures and modified 15 by new alignment)
- Misc. Drainage detail (special structures)

3.6 Environmental

- Preliminary Project Research (General file and project history review for background)
- Other permits (Misc. sketches)
- Additional meeting need to complete project

3.7 Structures Miscellaneous

- HAWK structure and foundation design

3.8 Signing and Pavement Marking Analysis

- Master design file revision for x-walk relocation, proposed HAWK signals and realignment
- Quantities
- Cost Estimate
- Additional meeting needed to complete project

3.9 Signing and Pavement Marking Plans

- Key Sheet revision to new requirements
- Revise tabulation of quantities per x-walk relocation, proposed HAWK signals and realignment
- Revised general notes per latest standards
- Revise plan sheets per x-walk relocation, proposed HAWK signals and realignment

3.10 Signalization Analysis

- Traffic Data/Analysis
- Analysis of three HAWK signals
- Reference and master signalization design file

- Pole elevation analysis
- Quantities
- Cost estimate
- Field review
- Additional meeting needed to complete project

3.11 Signalization Plans

- Key Sheet
- Tabulation of Quantities
- General Notes
- Preparation of HAWK Signal plan sheets
- Special detail
- Service point sheet

3.12 Lighting Analysis

- Coordination

4.0 CONSULTANT RESPONSIBILITIES:

The Consultant's responsibilities remain the same as in the Original Agreement and any Supplemental Amendments to date shall remain the same.

5.0 DEPARTMENT RESPONSIBILITIES:

The Department's responsibilities remain the same as in the Original Agreement and any Supplemental Amendments to date shall remain the same.

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: South Roosevelt Blvd
 County: Monroe
 FPN: 250548-4-52-01
 FAP No: N/A

Consultant Name: Metric Engineering
 Consultant No.: enter consultants proj. number
 Date: 4/8/2019
 Estimator: Reja Rabbi, P.E.

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Chief Engineer	Project Manager	Senior Engineer	Engineer	Chief Designer	Engineer Intern	Cad Tech	Senior Envirm Scientist	Scientist	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH	Salary	Average
		\$75.75	\$70.68	\$66.95	\$50.48	\$37.51	\$32.25	\$26.44	\$48.08	\$31.25	\$0.00	\$0.00	\$0.00	By Activity	Cost By Activity	Rate Per Task
3. Project General and Project Common Tasks	40	0	0	0	40	0	0	0	0	0	0	0	0	40	\$2,019	\$50.48
4. Roadway Analysis	221	11	0	44	56	55	55	0	0	0	0	0	0	221	\$10,443	\$47.25
5. Roadway Plans	144	7	0	29	36	29	29	14	0	0	0	0	0	144	\$6,682	\$46.40
8. Environmental Permits, Compliance & Clearances	10	1	0	0	1	0	0	0	7	1	0	0	0	10	\$494	\$49.40
19. Signing & Pavement Marking Analysis	47	2	0	9	12	12	12	0	0	0	0	0	0	47	\$2,197	\$46.74
20. Signing & Pavement Marking Plans	40	2	0	8	10	8	8	4	0	0	0	0	0	40	\$1,856	\$46.39
21. Signalization Analysis	132	7	0	26	33	33	33	0	0	0	0	0	0	132	\$6,239	\$47.26
22. Signalization Plans	42	2	0	9	11	8	8	4	0	0	0	0	0	42	\$1,973	\$46.98
Total Staff Hours	676	32	0	125	199	145	145	22	7	1	0	0	0	676		
Total Staff Cost		\$2,424.00	\$0.00	\$8,368.75	\$10,045.52	\$5,438.95	\$4,676.25	\$581.68	\$336.56	\$31.25	\$0.00	\$0.00	\$0.00		\$31,902.96	\$47.19

Check = \$31,902.96

Survey Field Days by Subconsultant
 4 - Person Crew:

Notes:

- This sheet to be used by Prime Consultant to calculate the Grand Total fee.
- Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

Reja
 Reja Rabbi, P.E.
 Project Manager
 Metric Engineering Inc.

04/08/19
 Date

SALARY RELATED COSTS:			
OVERHEAD:	156.01%	\$3,028.80	\$31,902.96
OPERATING MARGIN:	38.00%	\$4,725.23	\$49,771.81
FCCM (Facilities Capital Cost Money):	0.09%	\$1,150.94	\$12,123.12
EXPENSES:	5.75%	\$2.73	\$28.71
		\$174.16	\$1,834.42
Survey (Field - if by Prime)	0	4-person crew days @ \$ / day	\$0.00
SUBTOTAL ESTIMATED FEE:			\$95,661.02
Subconsultant: BCC			\$58,059.03
Subconsultant: Sub 10			\$0.00
Subconsultant: Sub 11			\$0.00
Subconsultant: Sub 12			\$0.00
SUBTOTAL ESTIMATED FEE:			\$153,720.05
Geotechnical Field and Lab Testing			\$0.00
SUBTOTAL ESTIMATED FEE:			\$153,720.05
Optional Services			\$9,081.86
GRAND TOTAL ESTIMATED FEE:			\$162,801.91