



Lee County Professional Service Change Order/Supplemental Task Authorization

Date Jan 28, 2020

[Print Form](#)

☐ Change Order Agreement #: _____ ☒ Supplemental Task Authorization #: 12

A Change Order or Supplemental Task Authorization requires approval by the Department Director for expenditures under \$50,000 or approval by the County Manager for expenditures between \$50,000.01 and \$100,000 or approval by the Board of County Commissioners for expenditures over \$100,000

Primary Contact: Daniel M. Craig, P.E., PTOE

Contract Name: CN160311 - Lee County Miscellaneous Professional Services
Lee County Estero Blvd. and Crescent St. Intersection Design

Project Name: _____

CONSULTANT: David Douglas Associates, Inc. Project #: _____

Solicitation #: CN160311 Contract #: 7609

Lee County Project Manager: Thomas Marquardt, P.E. Request Date: Jan 28, 2020

Fiscal Staff: Eileen Webster

Upon the completion and execution of this Change Order or Supplemental task Authorization by both parties the CONSULTANT is authorized to and shall proceed with the following exhibits as applicable:

- ☒ CO-STA Exhibit A - SCOPE OF PROFESSIONAL SERVICE
- ☒ CO-STA Exhibit B - COMPENSATION & METHOD OF PAYMENT
- ☒ CO-STA Exhibit C - TIME & SCHEDULE OF PERFORMANCE
- ☒ CO-STA Exhibit D - CONSULTANTS ASSOCIATED SUB-CONSULTANTS/SUB-CONTRACTORS

It is understood and agreed that the acceptance of this modification by the CONSULTANT constitutes an accord and satisfaction.

Daniel M. Craig, P.E., PTOE

Contractor Signature (Print & Sign Name)

dc@ddai-engineers.com

Contact E-mail Address

1-28-2020

Date Signed

239-337-3330

Contact Phone Number

Lee County Board of County Commissioners - Procurement Management

2115 Second Street - 1st Floor - Fort Myers, FL 33901

PO Box 398 - Fort Myers, FL 33902-0398

Phone: (239) 533-8881



CO-STA Exhibit A Scope of Professional Services

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☐ Change Order Agreement #: _____ ☒ Supplemental Task Authorization #: 12

Scope of Professional Services for:

Lee County Estero Blvd. and Crescent St. Intersection Design

Section 1.00 Changes to Professional Services

The 'Scope of Professional Services' as set forth in Exhibit 'A' of the Professional Services Agreement referred to hereinbefore is hereby supplemented, changed or authorized, so that the CONSULTANT shall provide and perform the following professional services, tasks, or work as a supplement to, change to, the scope of services previously agreed to and authorized.

Consultant shall perform services in accordance with the scope of services attached and labeled as Attachment 1 to Exhibit A dated 1/28/2020

Lee County Board of County Commissioners - Procurement Management
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Attachment 1 to EXHIBIT A

SCOPE OF SERVICES

For

Estero Boulevard and Crescent Street Signalization

David Douglas Associates Inc. (CONSULTANT) shall provide the following Civil Engineering Services for the design, plans preparation and permitting of intersection improvements for the above referenced intersection. The improvements generally consist of designing and permitting a traffic signal for the above referenced intersection.

TASK 15.1 PROJECT MANAGEMENT

This task includes project meetings, administration and coordination during the design phase of the project. It is our understanding that the COUNTY will be responsible for any and all Public Involvement related activities and CONSULTANT hours for those types of services are not included in this scope of work. Meetings and general services which are included in this task are as follows:

- Three (3) progress meetings, includes meeting and reviews with the COUNTY at the conceptual, 60% and 100% submittals.
- Coordination with the Town of Ft. Myers Beach is anticipated to be required. This includes up to one (1) meetings with the Town and their engineer.
- Coordination with the FDOT due to LAP funding and the intersection FDOT is designing at the base of the bridge. This includes up to two (2) meetings with FDOT in Ft. Myers. It is also anticipated the FDOT shall provide review comments on the project. This task includes providing response to the FDOT comments at the 60% and 100% stages. Comments made by FDOT to the CONSULTANT response to comments which require additional explanation by the CONSULTANT shall be provided. Additional reviews/submittals beyond the 60% and 100% submittals, if required, will be provided as additional services and added via Change Order.
- Provide project coordination with the COUNTY. This task includes general project management and other administrative services including but not limited to supervision, quality control, email correspondence, contract file set up and maintenance, phone conversations, etc.

TASK 2 SURVEY SERVICES

CONSULTANT shall be responsible for the collection of existing conditions along the project corridor. The corridor shall begin at the intersection of Canal Street and Estero Boulevard then continue westerly along Estero Boulevard and northerly along San Carlos Boulevard until the junction with the FDOT / COUNTY jurisdictional boundary. The width of the project corridor shall generally extend ten feet outside the rights-of-way. The following items shall be completed for this task:

- Recover horizontal and vertical control for survey
- Set additional control along both sides of the project corridor
 - All vertical control shall be referenced to the North American Vertical Datum of 1988 (NAVD88) and tied to a published National Geodetic Survey benchmark.
 - All horizontal control shall be referenced to the North American Datum of 1983 (NAD83) 2011 adjustment, U.S. Survey Feet.
- Recover existing right-of-way monumentation
 - This information shall be used to define the approximate right-of-way and tie to the existing Right-of-way Control Survey Map of Estero Boulevard by Bean, Whitaker, Lutz & Kareh, Inc. dated April 4, 2010.
- Data Collection
 - Utilize survey grade laser scanning equipment to collect improvement and topographic data along the project corridor. This includes the overhead utilities.
 - Collect pipe size and invert data for drainage structures.
 - Collect pipe size and invert data for sanitary structures. This task item may require the assistance of Lee County for the removal of manhole lids.
- Project management
 - Meetings, coordination, field crew supervision and scheduling.
- Calculations
- CAD mapping
 - Process field notes and collected survey data.
 - Compile all data into CAD base map for engineering design support.
 - Create a digital surface model of collected topographic data.
- QAQC
 - Conduct a field walk through upon completion of mapping.
 - Final review by a Florida Licensed Surveyor and Mapper.
- Deliverable
 - Digital CAD file with a signed survey report.

TASK 3 GEOTECHNICAL SERVICES

CONSULTANT shall perform two (2), 30' feet deep SPT borings for the above referenced project. The SPT borings shall be performed at or in close proximity to the proposed mast arm locations. Further, we shall provide visual soils classification from samples obtained from these borings in accordance with the application ASTM and / or AASHTO soils standards. A report

shall be prepared upon completion of the field and laboratory services. The report shall present the following information:

- Discussion of the site's surficial features that may impact construction.
- Discussion of the estimated subsurface profile as encountered in the soil borings completed for this study and previous studies, if available.
- Evaluation of the site and the subsurface conditions as they relate to the site.
- Construction criteria that may be used in the site preparation of the site prior to construction.
- Suitability for use as construction material of the soils encountered in the borings.

In addition, the geotechnical CONSULTANT shall provide an 11" x 17" boring sheet in FDOT format suitable for inclusion of the plan set.

TASK 15.2 UTILITY COORDINATION

This task shall include contacting and providing information to utility providers that own or maintain facilities within and adjacent to the project area. Activities include:

- Prepare initial contact letters to all affected utility owners, along with a preliminary set of plan sheets for markups by the respective utility owners.
- Attend one (1) Utility Coordination Meeting (at County with Utility Owners) near the final plans stage.
- Coordinate with FPL the power service for the signal design.

TASK 9 SIGNAL PLANS

TASK 9.1 SIGNALIZATION ANALYSES

The CONSULTANT shall prepare traffic signalization, signing and marking plans for the subject intersection. The plans shall include interconnect communication plan for integration onto the County's ATMS system. This scope of services does not include the development of coordinated system timings for the corridor or a level of service analysis for the intersection or corridor.

- *Master Signalization Design File* - This task includes all efforts required per intersection for establishing the signal master design file to include reference files of topo, r/w, roadway, pavement markings, utilities files, etc. Includes the design and layout of proposed signal poles, signal heads, vehicle detection, pedestrian signals, conduit, pull

boxes, service points, etc. Also includes proposed call outs, pay item numbers, vehicle detection chart, controller timing chart, signal / pedestrian head details, sign details, controller notes, signal operating plan, etc.

- *Master Interconnect Communications File* -All efforts required for establishing the signal interconnect master design file to include reference files of topo, r/w, roadway, utilities files etc. Includes design and layout of proposed signal interconnect conduit, signal cabinet, pull boxes, etc. up to the FDOT / COUNTY jurisdictional boundary.
- *Overhead Street Name Sign* - Includes effort to evaluate overhead street name sign, lettering, description, street block numbers, and information to develop the layout of a sign.
- *Pole Elevation Analysis* - Includes effort to determine pole elevations at proposed pole locations (two (2) hours for the first intersection and one (1) hour for each additional intersection).
- *Quantities* - Includes all work required to determine the quantities for each signalized intersection,
- *Cost Estimate* – Includes research to develop costs.

TASK 9.2 SIGNALIZATION PLANS

This task consists of the preparation of 11" x 17" construction drawings for the approved concept at a scale of 1" = 40'. One (1) hardcopy set and one (1) pdf file shall be provided for each submittal and shall include the following sheets:

- *Key Sheet* – Includes time to develop key sheet
- *Tabulation of Quantities* –Includes time to place pay item numbers, descriptions, quantities and totals on the tabulation sheet(s).
- *General Notes / Pay Item Notes Sheet* – Includes time to post and format notes.
- *Traffic Signal Plan.* -
- *Signing & Marking Plan.*
- *Guide Sign Worksheet.*
- *Mast Arm Tabulation Sheet.*
- *Core Borings Sheet.*
- *Traffic Control Notes.*
- *Utility Adjustment Sheets.*
- *Roadway plan / detail (if required)*
- *Erosion Control Sheet (if required).*

The plans shall be submitted to the COUNTY for their review and comments at the 60%, and 100% submittal stages. Once the 100% plans are agreed upon the CONSULTANT shall supply final plans for bidding purposes.

TASK 10 SIGNING AND MARKING

TASK 10.1 SIGNING AND MARKING ANALYSES

- *Master Signing and Marking Design File* – All efforts required for establishing the signing and marking master design file to include reference files of topo, r/w, roadway, utility files etc. Includes design and layout of signs, lane lines, gores, pavement markings, rpm's etc.
- *Quantities* – Includes all work required to determine the quantities for each intersection
- *Cost Estimate* – Includes research to develop costs.

TASK 10.2 SIGNING AND MARKING PLANS

- *Tabulation of Quantities* – Included in Signalization Plans.
- *General and Pay Item Notes* – Included in Signalization Plans.
- *Signing and Marking Plan Sheet* – Includes all efforts to create the signing and marking plan sheet. This sheet is to be included in the Signalization Plans.

TASK 15.3 LIGHTING

TASK 15.3.1 LIGHTING ANALYSES

- *Lighting Design Analysis* - Includes analysis (horizontal and vertical) and point-by-point photo metrics of the intersection only. It is not the intent that the corridor be analyzed. The average horizontal illumination design shall be set to 1.5 footcandles with a maximum avg/min and max/min ratio of 4/1 and 10/1 respectively using Visual software. Efforts include development of the intersection analysis zone from the aerial base map, translation to the Visual platform and iterative analysis using applicable LED luminaires for appropriate luminaire wattage and mounting height. Coordination with the local maintaining agency shall be conducted for applicable LED luminaires within the maintaining agencies inventory.

The COUNTY has directed that the lighting to be mast arm mounted.

CONSULTANT shall confirm with COUNTY if Wildlife Sensitive Criteria is to be implemented or not. This is to be confirmed prior to analysis.

- *Reference and Master Design File* – Incorporation of the lighting design requirements into the signalization design file. Power for the intersection lighting will be from the intersection's traffic signal power service.

TASK 15.3.2 LIGHTING PLANS

This task consists of incorporating the lighting design requirements as developed from the Analysis phase in to the signalization plan.

- *General Notes / Pay Item Notes Sheet* – Includes time to develop and post notes.

- *Special Detail* – Development of the lighting davit arm detail.

TASK 15.4 MAST ARM AND FOUNDATION DESIGN

Two mast arms are anticipated for this intersection. One (1) single arm and one (1) double arm.

- *Mast Arms* – CONSULTANT shall perform all efforts to gather and analyze information. Run Mathcad program. Check Clearances. Prepare construction plans. Using latest FDOT standard pole configurations with a load center check comparison against the standard poles. The design includes a structural analysis inclusive of the intersection lighting requirements.
- *Mast Arm Data Table* - Includes production of data table plan sheet.

TASK 15.5 SUBSURFACE UTILITY ENGINEERING

This task includes field investigative efforts to clear and/or propose a more suitable location for the proposed mast arms. Also included are office efforts to include the field data in AutoCAD suitable for referencing into the signalization design file. Two (2) locates, one (1) for each mast arm foundation are anticipated for this project.

CONSULTANT shall complete a SUE investigation in general accordance with ASCE Standard 38-02: Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data. CONSULTANT shall search for the existence and approximate location of subsurface utilities within the project limits except those listed under exclusions below. The project limits are generally 75 feet both east and west of the intersection of Estero Boulevard and Crescent Street, 60 feet north along Crescent Street and falling within the rights-of-way. The specific work includes:

- Records research through customary means.
 - Identify utilities anticipated to exist in the project area.
 - Contact utility owners and request records and documents to ascertain the existence and recorded location of their utilities.
 - Document responses and compile record information.
- Field Investigation
 - Documented conductive utilities – designate with the objective of achieving Quality Level B for conductive utilities. Where not possible, lower Quality Levels shall be established. Utilities of non-conductive material installed with serviceable tracer wire or tape shall be considered conductive. It is important to note, however, that the depicted location of such utilities represents the tracer rather than the actual utility.
 - Documented non-conductive utilities – investigate with the objective of achieving Quality Level C. Where not possible, depict at Quality Level D. Non-conductive utilities, other than electric, with ready access allowing Sonde, metal tape or

detection rod insertion and tracking shall be investigated with the objective of achieving Quality Level B.

- Undocumented utilities – are those utilities that may exist in the project area that have not been previously identified, are not discovered during Records Research, and for which there is no prior knowledge. CONSULTANT shall use our standard search protocol in an attempt to determine the existence and approximate location of undocumented utilities; however, this work cannot guarantee that all utilities shall be found and depicted.
- Test Holes – for exploratory and confirmation purposes, two (2) test holes shall be conducted in areas as directed by Project Engineer.
- Survey
 - All subsurface utility designations and data shall be surveyed for mapping purposes.
- CAD Mapping and Deliverable
 - All field collected utility designates and test hole information surveyed shall be compiled into a digital CAD file.
 - Deliver all CAD data with a signed report of findings.
- SUE Exclusions
 - No entry or measurement of utility vault or manhole interiors.
 - Utility service lines
 - Electronic depths
- Limitation & Standard of Care
 - Subsurface Utility Engineering is a professional practice defined by the American Society of Civil Engineers (ASCE.) CONSULTANT conducts utility investigations in general accordance with ASCE 38: Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data. Identifying and mapping underground utilities is a result of gathering evidence from various sources and exact utility locations are not confirmed unless visually exposed and surveyed, and then only at those specific exposed locations. CONSULTANT shall meet the prevailing standard of care for services provided and does not guarantee that all utilities can or shall be identified, detected or precisely mapped.

TASK 7 UTILITY RELOCATIONS PLANS

It is anticipated that any utility relocation designs and/or construction services would be provided by the particular utility owner. Utility relocation designs and plans are not included on this scope of services.

TASK 11 ENVIRONMENTAL AND PERMITTING SERVICES

CONSULTANT shall provide environmental and permitting services for the project including:

This proposal assumes that there are no wetland or other environmental impacts that require mitigation or permitting services.

CONSULTANT shall prepare the application packages and pursue the following permits;

- Attend one (1) team meeting with COUNTY and/or Project team to discuss project permitting issues.
- Coastal Construction Control Line (CCCL) permit. CONSULTANT shall provide plans and application for this item. CONSULTANT shall submit the application package to the FDEP. Includes up to one (1) RAI response.
- Lee County Limited Development Order. CONSULTANT shall provide plans and application for this item. CONSULTANT shall submit the application package to the COUNTY. Includes up to one (1) RAI response.

The COUNTY will pay all permit fees. It is not anticipated that a FDOT permit or Town of Ft. Myers Beach permit would be required. If a FDOT or Town permit is required it shall be provided as additional services and included via Change Order.

Task 12 PREPARE BIDDING DOCUMENTS AND BIDDING ASSISTANCE

The COUNTY will provide the letting services for the project for construction. The CONSULTANT shall provide the following services for this task;

- Prepare final construction plans, final engineer's construction cost opinion in accordance with the contract documents, and documents required to build the roadway, signal, and signing and marking and related features.
- Assist in the preparation of a list of technical specifications required to construct the roadway, signal, and signing and marking and related features. A standard COUNTY specification package shall be supplied.
- Attend and participate in a pre-bid conference, respond to bidders' inquiries regarding the roadway, signal, lighting and signing and marking and related work and issue up to two (2) addenda, as appropriate.
- Provide recommendation of award based on bid tabulations provided by COUNTY Procurement.

Prequalification of contractors, extensive bid evaluations, checking bidder references, checking bidders bonding and insurance capabilities, etc. is not included in this scope of services.

TASK 15.6 POST DESIGN SERVICES

Should the project advance to construction, and the COUNTY requires assistance during the construction phase (post-design services), the anticipated scope of services would be as follows;

- **Construction Progress Meetings:** The CONSULTANT shall attend up to two (2) construction progress meetings including the preconstruction meeting if requested by the COUNTY during the construction period. The COUNTY is to record the meeting activities and issue detailed minutes to all interested parties.
- **Site Visits:** The CONSULTANT shall make periodic visits to the site if requested by the COUNTY to observe as an experienced and qualified design professional, the progress and quality of the executed work of contractor(s) and to determine if work is proceeding in substantial accordance with the contract documents. On the basis of such on site observations as the COUNTY CONSULTANT, the CONSULTANT shall keep the COUNTY informed of the progress of the work and shall notify the COUNTY of observed defects or deficiencies in the work or delays of the contractor.

CONSULTANT shall, with COUNTY concurrence, have authority as the COUNTY's representative, to require special inspection or testing of the work, and shall receive and review certificates of inspections, testing and approvals required by laws, rules, regulations, ordinances, codes, orders or the Contract Documents (to determine that their content complies with the Contract Documents).

This task assumes three (3) site visits. Each visit is estimated to take four (4) hours per visit, including travel time and preparation of observation report. If the COUNTY desires, additional site observations can be provided as additional services and included via Change Order.

Written reports shall be submitted to the COUNTY within three (3) working days after each site visit which shall occur weekly during the active construction period by the CONSULTANT.

The CONSULTANT shall not be responsible for construction means, methods, techniques, sequences, procedures, or for safety precautions and programs in connection with the work and shall not be responsible for the contractor's failure to carry out the work in accordance with the contract documents.

Shop Drawings: The CONSULTANT shall review, reject and/or approve shop drawings, which the contractor is required to submit, but only for conformance with the design concept of the project and compliance with the contract documents. Also determine the acceptability, subject to COUNTY approval, of substitute materials and equipment proposed by contractors. All this work shall be scheduled, transmitted and received by the CONSULTANT with and through COUNTY. This task assumes a maximum of four (4) shop drawing reviews.

Requests for Information (RFI's): The CONSULTANT shall respond to requests of LEE COUNTY for necessary clarifications and interpretations of the contract documents.

The CONSULTANT shall act as initial interpreter of the requirements of the contract documents, and render evaluations of the acceptability of the work there under. The compensation for the work in this paragraph is not intended to be applied as a remedy to any plan or document deficiencies that may become evident during the construction phase. This task assumes a maximum of four (4) requests for additional information (RFI). If additional survey information is required to prepare a response to the RFI, COUNTY will supply the survey data. If plan revisions are requested due to the RFI, the revisions shall be provided as additional services and added via Change Order.

- **Pay Request Concurrence:** This task is not in this scope of services as it is anticipated to be provided by the CEI.
- **Agency Certifications:** This task is not in this scope of services as it is anticipated to be provided by the CEI.
- **Substantial Completion Inspection with COUNTY:** This task is not in this scope of services as it is anticipated to be provided by the CEI.
- **Final Inspection with COUNTY:** This task is not in this scope of services as it is anticipated to be provided by the CEI.
- **Project Close-out:** This task is not in this scope of services as it is anticipated to be provided by the CEI. CONSULTANT to supply CADD files for the CEI's use in preparing record drawings.

PROVISIONS OF WORK

Deliverables for this project shall be the Contract Plans Package as defined by the items presented in the above mentioned tasks. The CONSULTANT shall furnish one (1) set of 11"x17" size plans and a pdf file for all COUNTY plan reviews, to coordinate the design approvals. It is anticipated that design submittals shall be made at the 60% phase, 100% phase and the final plans phase. The CONSULTANT shall furnish one (1) complete set of final submittal (11"x17"), electronic set of plans in .pdf and .dwg or .dgn format as appropriate. Project and design documentation shall be provided in written and electronic format as appropriate throughout the project. CONSULTANT shall supply written response to review comments after every plans phase submittal as appropriate.



CO-STA Exhibit B Compensation & Method of Payment

Print Form

☐ Change Order Agreement #: _____ ☒ Supplemental Task Authorization #: 12

Compensation and Method of Payment for:

Lee County Estero Blvd. and Crescent St. Intersection Design

Section 1.00 Changes in Compensation

The compensation the CONSULTANT shall be entitled to receive for providing and performing the supplemented or changed services, tasks, or work as set forth and enumerated in the Scope of Services set forth in this CHANGE ORDER OR SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit 'CO/STA-A', attached hereto shall be as follows:

NOTE: A Lump Sum (LS) or Not-to-Exceed (NTE) amount of compensation to be paid the CONSULTANT should be established and set forth below for each task or subtask described and authorized in Exhibit 'CO/STA-A'.

Task Number	Task Name	LS or NTE	Compensation in Agreement or STA	Change Order Only		Total Compensation per Task
				Adjustment(s) by all previous CO(s)	Adjustment(s) due to this CO	
15.1	Project Management	NTE	16,500	0	0	16500.00
2	Survey Services	NTE	9,910	0	0	9910.00
3	Geotechnical Services	NTE	5,964.5	0	0	5964.50
15.2	Utility Coordination	NTE	2,400	0	0	2400.00
9	Signal Plans	NTE	26,803	0	0	26803.00
10	Signing and Marking	NTE	4,479	0	0	4479.00
15.3	Lighting	NTE	3,780	0	0	3780.00
15.4	Mast Arm and Foundation Design	NTE	7,116	0	0	7116.00
15.5	Subsurface Utility Engineering	NTE	8,402.5	0	0	8402.50
7	Utility Relocation Plans	NTE	0	0	0	0
11	Environmental and Permitting	NTE	4,840	0	0	4840.00
12	Bidding Docs & Assistance	NTE	1,700	0	0	1700.00
15.6	Post Design Services	NTE	12,300	0	0	12300.00
	Expenses	NTE	500			500.00
Project Total:			104,695	0	0	104695.00

Total amount authorized by this CO or STA: 104,695

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CONSULTANT'S Personnel Hourly Rate Schedule for:

Lee County Estero Blvd. and Crescent St. Intersection Design

CONSULTANT or Sub-Consultant Name: CARDNO

(A separate Attachment #1 should be included for each Sub-Consultant)

1. Project Position or Classification (Function to be Performed)	2. Hourly Rate to be Charged
Principal	249.00
Sr. Project Manager	186.00
Chief Engineer	201.00
Sr. Engineer	177.00
Project Engineer	150.00
Engineer	120.00
Sr. Designer	117.00
Designer	105.00

Reimbursable Item	Cost	Reimbursable Item	Cost
Current GSA Mileage Rate	at Time of Billing		

Receipts or in-house logs are required for all non-personnel reimbursable expenses unless exempt (such as meals).

Administrative Services Fees - Applicable only when specifically authorized by the County, for administering the procurement of special additional services, equipment, reimbursables, etc. not covered under the costs and/or changes established in the Agreement

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CONSULTANT'S Personnel Hourly Rate Schedule for:

Lee County Estero Blvd. and Crescent Street Intersection Design

CONSULTANT or Sub-Consultant Name: T2 UES, Inc.

(A separate Attachment #1 should be included for each Sub-Consultant)

1. Project Position or Classification (Function to be Performed)	2. Hourly Rate to be Charged
Branch Manager	235.00
Survey Project Manager	125.00
Project Surveyor	105.00
Field Crew 3-Person	185.00
Field Crew 2-Person	150.00
Field Crew 1-Person	95.00
Survey CADD Technician III	90.00
Utility Coordinator	150.00

Reimbursable Item	Cost	Reimbursable Item	Cost
Current GSA Mileage Rate	at Time of Billing	Hydrographic Survey with	Boat \$80.00/hr
Survey Grade 30 Laser	Scanner \$345.00/hr	ATV-XRT 1550 Club Car	\$16.00/hr
GPS Survey / GPS Mapping	\$47.00/hr / \$16.00/hr	Robotic Survey Total Station	\$47.00/hr

Receipts or in-house logs are required for all non-personnel reimbursable expenses unless exempt (such as meals).

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CONSULTANT'S Personnel Hourly Rate Schedule for:

Lee County Estero Blvd. and Crescent Street Intersection Design

CONSULTANT or Sub-Consultant Name: T2 UES, Inc.

(A separate Attachment #1 should be included for each Sub-Consultant)

1. Project Position or Classification (Function to be Performed)	2. Hourly Rate to be Charged
SUE Des Crew	250.00
SUE Vac Crew	275.00
Geophysicist	190.00
Clerical	65.00

Reimbursable Item	Cost	Reimbursable Item	Cost
Small Boat Rental	\$18.75/ea		
Plots (24x36)	\$4.00/ea		

Receipts or in-house logs are required for all non-personnel reimbursable expenses unless exempt (such as meals).

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CONSULTANT'S Personnel Hourly Rate Schedule for:

Lee County Estero Blvd. and Crescent Street Intersection Design

CONSULTANT or Sub-Consultant Name: GFA International

(A separate Attachment #1 should be included for each Sub-Consultant)

1. Project Position or Classification (Function to be Performed)	2. Hourly Rate to be Charged
Project Engineer	125.00
Staff Engineer	80.00
Staff Engineer (Permits and Utility Locates)	80.00
Administrative Assistant	49.50

Reimbursable Item	Cost	Reimbursable Item	Cost
Current GSA Mileage Rate	at Time of Billing	Town of FMB ROW Permit	Cost
NTE for MOT	\$2,000.00/day	LC ROW Permit	Cost
LC Drilling Permit	Cost	MOT Performance Bond	\$5,000.00

Receipts or in-house logs are required for all non-personnel reimbursable expenses unless exempt (such as meals).

Administrative Services Fees - Applicable only when specifically authorized by the County, for administering the procurement of special additional services, equipment, reimbursables, etc. not covered under the costs and/or changes established in the Agreement

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CONSULTANT or Sub-Consultant Name: GFA International

(A separate Attachment #1 should be included for each Sub-Consultant)

1. Project Position or Classification (Function to be Performed)	2. Hourly Rate to be Charged

Reimbursable Item	Cost	Reimbursable Item	Cost
Mobilization of Drilling -	Equipment \$250.00/ea	Plugging/Grouting Borings	\$15.00/Bag
Drilling of Borings (0'-25')	\$12.00/ft	Misc Drilling Svs (Grouting)	(2 Man Crew) \$100.00/hr
Drilling of Borings (26'-50')	\$14.00/ft	Grain Size Analyses	\$60.00/ea

Receipts or in-house logs are required for all non-personnel reimbursable expenses unless exempt (such as meals).

Administrative Services Fees - Applicable only when specifically authorized by the County, for administering the procurement of special additional services, equipment, reimbursables, etc. not covered under the costs and/or changes established in the Agreement

Lee County Board of County Commissioners - Procurement Management

2115 Second Street - 1st Floor - Fort Myers, FL 33901

PO Box 398 - Fort Myers, FL 33902-0398

Phone: (239) 533-8881



[Print Form](#)

☐ Change Order Agreement #: _____ ☒ Supplemental Task Authorization #: _____ 12

CONSULTANT'S Personnel Hourly Rate Schedule for:

Lee County Estero Blvd. and Crescent Street Intersection Design

CONSULTANT or Sub-Consultant Name: GFA International

(A separate Attachment #1 should be included for each Sub-Consultant)

1. Project Position or Classification (Function to be Performed)	2. Hourly Rate to be Charged

Reimbursable Item	Cost	Reimbursable Item	Cost
Percent Fines	\$350.00/ea		
Organic Content	\$45.00/ea		

Receipts or in-house logs are required for all non-personnel reimbursable expenses unless exempt (such as meals).

Administrative Services Fees - Applicable only when specifically authorized by the County, for administering the procurement of special additional services, equipment, reimbursables, etc. not covered under the costs and/or changes established in the Agreement

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CO-STA Exhibit C Time & Schedule of Performance

[Print Form](#)

☐ Change Order Agreement #: _____ ☒ Supplemental Task Authorization #: 12

Time & Schedule of Performance for:

Lee County Estero Blvd. and Crescent St. Intersection Design

Section 1.00 Changes for this Change Order or Supplemental Task Authorization Agreement

The time and schedule of completion for the various phases or tasks required to provide and perform the services, tasks or work set forth in this Change Order of Supplemental Task Authorization Agreement, Exhibit 'CO/STA-A', entitled 'Scope of Professional Services' attached hereto is as follows:

Task Number as Indicated in Exhibit A	Name/Title of Task	Previously Approved Number of Days per Task (CO Only)	Increase in Number of Calendar Days per Task (CO Only)	Cumulative Number of Calendar Days for Completion from Date of Notice to Proceed per Task (CO & STA)
15.1	Project Management Services	0		300
2	Survey Services	0		60
3	Geotechnical Services	0		60
15.2	Utility Coordination	0		210
9	Signal Plans	0		210
10	Signing and Marking	0		210
15.3	Lighting	0		210
15.4	Mast Arm and foundation Design	0		210
15.5	Subsurface Utility Engineering	0		210
7	Utility Relocation Plans	0		0
11	Environmental and Permitting	0		210
12	Bidding Documents & Assistance	0		300
15.6	Post Design Services	0		570

☒ STA/Contract shall remain in effect until one year after construction is complete.

Total Number of Calendar Days for Completion of Project from Notice to Proceed:

570

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CO-STA Exhibit D

CONSULTANT'S Associated Sub-Consultant(s)/Subcontractor(s)

[Print Form](#)

☐ Change Order Agreement #: _____ ☒ Supplemental Task Authorization #: 12

CONSULTANT'S Associated Sub-Consultant(s) and Subcontractor(s) for:

Lee County Estero Blvd. and Crescent St. Intersection Design

CONSULTANT intends to engage the following sub-consultant(s) and/or sub-contractor(s) to assist the CONSULTANT in providing and performing the services, tasks, or work required under this Change Order, or Supplemental Task Authorization Agreement.

If none, enter the word 'none' in the space below.

Service/Work to be Provided/Performed	Name & Address of Individual or Firm	Disadvantaged, Minority or Women Business Enterprise
Signalization/Signing & Marking/Lighting	Cardno 3905 Crescent Park Dr, Riverview, FL 33578	Not Applicable
Survey/SUE	T2 UES, Inc. 5670 Zip Dr., Fort Myers, FL 33905	Not Applicable
Geotechnical	GFA International 201 Waldo Ave. N., Lehigh Acres, FL 33971	Not Applicable
		Type
		Type
		Type
		Type
		Type

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