SUBJECT: **DESIGN-BUILD SVCS FOR VARIOUS SIZE CIVIL ENGINEERING & PARK IMPROVEMENT PROJECTS**

BID # **CDB-0049-09** OPEN DATE: **3/11/2009**

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION – DESIGN/BUILD

AGENCY: **DEPARTMENT OF PUBLIC WORKS**

BASIS OF AWARD: **EVALUATION CRITERIA**

NUMBER OF BIDS INVITED: **62** NUMBER RECEIVED: **18** OTHER: **1**

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

The Moncrief-Dinsmore Road Bridge Replacement Over Nine Mile Creek project was awarded on 03/21/14 to J. B. Coxwell Contracting, Inc., in the amount of $82,504.00; Change Order #1 was awarded on 06/25/15 in the amount of $112,339.00; Change Order #2 was awarded on 04/16/16 in the amount of $16,414.00.

Recommend approval of Change Order #3 to J. B. Coxwell Contracting, Inc., in the amount of $1,275,113.46, for 100% design, permitting and construction as detailed in, "Fee Proposal". This project is partially funded by a Florida Department of Transportation (FDOT) Agreement, FDOT has also reviewed and approved. Total revised guaranteed maximum price of $1,486,370.46, with all other terms and conditions remaining unchanged. The guaranteed completion date will be 365 days from issuance of notice-to-proceed.

This award to be encumbered by account(s): PWGM141FYCP-06505-PW0300-02- $775,113.46; PWCP331EN538-06505-PW0300-02-PWC021-1701- $500,000.00 to be executed by Purchase Order/Change Order.

ATTACHMENTS: Recommendation Memo, Change Order, Previous Award(s)

BUYER _____ MARILYN LAIDLER

RESPECTFULLY SUBMITTED _____ GREGORY PEASE, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: **Tom Fallin, P.E., Chief, Engineering and Construction Management Division**

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING_____ MEMBERS DISAPPROVING_____ DATE:_____

_____ _____ OTHER_____

_____ _____

_____ _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED_____ DISAPPROVED: _____

OTHER: _____

SIGNATURE OF AUTHENTICATION _____

DEPARTMENT OF PUBLIC WORKS

Jacksonville
Where Florida Begins.

March 22, 2017

TO: Gregory W. Pease
Chief of Procurement

THRU: John P. Pappas, P.E.
Director

FROM: Tom Fallin, P.E., Chief
Engineering and Construction Management Division

SUBJECT: Design Build Contract –J. B. Coxwell Contracting, Inc.
Project: Moncrief-Dinsmore Road Bridge over Nine Mile Creek
Solicitation No.: CDB-0049-09
Original Award: $82,504.00
Account Nos:

PWGM141FYCP-06505-PW0300-02	$775,113.46
PWCP331EN538-06505-PW0300-02-PWC021-1701	$500,000.00

The subject contract was awarded by purchase order 405017 in the amount of $82,504.00 to provide limited pre-construction services as a prerequisite to developing a 60% design proposal. Change order #1 for $112,339.00 was to provide additional survey and geotechnical services, 60% design services and cost estimating for a replacement bridge structure. Negotiations with the consultant to complete a feasibility review for utilizing a triple box culvert as a means to replace the existing bridge in order to eliminate the need for a temporary bypass bridge as detailed in Exhibit A, has resulted in a change order # 2 total in the amount of $16,414.00, thereby increasing the GMP to a total of $211,257.00. Negotiations with the consultant has resulted in the attached fee proposal for change order #3 for 100% design, permitting and construction in the amount of $1,275,113.46. In addition, since the project is partially funded by a Florida Department of Transportation (FDOT) Agreement, FDOT has also reviewed and approved the award.

Accordingly, this is to recommend that Purchase Order 405017 for the Moncrief-Dinsmore Road Bridge Replacement over Nine Mile Creek Project be amended to increase the maximum GMP by $1,275,113.46 to a new GMP of $1,486,370.46; with all other terms and conditions of the agreement remaining unchanged.

Attachments

cc: Gary Goldsberry, P.E., Engineering Division

ab

J.B. Coxwell Contracting, Inc.
6741 Lloyd Road West
Jacksonville, Florida 32254
Office (904) 786-1120 Fax (904) 783-2970

March 3, 2017

Gary Goldsbury, P.E.
City of Jacksonville Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, Florida 32202

Re: Scope of Services and Revised Fee Proposal for
Moncrief-Dinsmore Bridge Replacement Project (Box Culvert Option)
100% Design, Permitting and Construction Services
Design-Build Construction Delivery for City of Jacksonville-RFQ CDB-0049-09
City Contract No. 6533-46

Dear Mr. Goldsbury:

J.B. Coxwell Contracting, Inc. (JBCCI) is pleased to submit for your review and consideration the following design-build scope of services and attached lump sum fee proposal for 100% design, permitting and construction of the above referenced project. The scope of work for 100% design, permitting and construction services are as outlined on the attached proposals.

As detailed on the attached documentation, the proposed total lump sum amount for 100% design, permitting and construction of this project is $1,275,113.46. In an effort to keep the project estimate as economical as possible, JBCCI and the City of Jacksonville project representatives have agreed to partner on this endeavor and share the risk for the design-build scope and subsequently we have revised our proposal to reflect those cost reductions. That being understood, we agreed to remove the project contingency fee (previously $75,000.00), remove the bonding fees for the project and reduce the amount of compensation previously included for non-detailed task items associated with the project (previously $76,001.75). Typically, the project contingency would be used for project elements which have not been fully designed and permitted, and which may increase in quantity or cost during the final design phase or during construction. We will work with the City of Jacksonville to minimize the effects from changed field conditions, unknown field conditions or added scope of work. The design, permitting, and construction will be completed within three hundred sixty-five days (365) from notice-to-proceed.

This lump sum proposal is inclusive of only those services noted on the attached proposals and which are anticipated at this time. No services or work other than those noted in the proposals are included. In addition, any unknown condition(s) which may surface during design and construction or any other increase in scope of services may result in a request for additional services. No work will proceed however, without first obtaining approval from the City for any additional services.

Gary, we have staff immediately available to begin this work upon your notice-to-proceed. We are again very appreciative of the opportunity to provide you with our design-build services. Should you have any questions or need any further information, please do not hesitate contacting us. We are also available to review and discuss this proposal with you and/or others at your convenience.

Regards,

J.B. Coxwell Contracting, Inc.

Jayson Smith

Jayson Smith,
Design Build Manager

Cc: Eddie Greene, Vice President of Operations
J.B. Coxwell Contracting, Inc.

Nicholas E. Mousa, AICP, Director -Florida Market Initiatives
GAI Consultants, Inc.

Building Efficiency Together

PROPOSAL

J.B. Coxwell Contracting, Inc.
6741 Lloyd Road West
Jacksonville, Florida 32254
Ph. (904) 786-1120
Contact: Jayson Smith, Design Build Manager
JaysonS@JBCoxwell.com

Revised 3/2/17
*Revised estimate pricing, notes & clarifications

City of Jacksonville
Department of Public Works

JOB	LOCATION	START DATE
Moncrief-Dinsmore Bridge Replacement @ Nine Mile Creek (Structure No. 724179) – Box Culvert Option	Jacksonville, Florida	Jan 2017

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXT PRICE
1	General Conditions	1	LS	$115,457.44	$115,457.44
20	Erosion Control	1	LS	$6,378.75	$6,378.75
30	Clearing	1	LS	$27,003.28	$27,003.28
40	Creek Diversion & Bypass System	1	LS	$161,846.90	$161,846.90
60	Remove Bridge & Bulkhead	1	EA	$34,444.33	$34,444.33
70	Remove Guardrail	250	LF	$ 7.35	$1,837.50
80	Remove Existing Pavement	1,116	SY	$ 7.72	$8,615.52
90	Regular Excavation	2,637	CY	$ 8.93	$23,548.41
100	Embankment	8,910	LY	$ 12.34	$109,949.40
110	Existing Soil Improv. & Foundation Stabilization	1	LS	$105,000.00	$105,000.00
120	Stabilization	2,010	SY	$ 6.52	$13,105.20
130	Limerock 4" Thk	473	SY	$ 9.12	$4,313.76
140	Limerock 8" Thk	1,419	SY	$ 14.99	$21,270.81
150	Asphalt Type SP 12.5, 2" Thk	473	SY	$ 12.86	$6,082.78
160	Asphatl Type SP 12.5, 2.5" Thk	1,419	SY	$ 16.01	$22,718.19
170	Striping	1	LS	$2,530.08	$2,530.08
180	Signs	6	EA	$ 393.75	$2,362.50
190	12' x 7' Box Culvert	120	LF	$1,680.67	$201,680.40
200	Concrete Headwalls	2	EA	$67,787.79	$135,575.58
220	Guardrail W/Special Slab	840	LF	$ 33.60	$28,224.00
230	Sod Bahia	3,300	SY	$ 4.35	$14,355.00
240	Rip Rap Rubble Bank & Shore	235	TN	$ 107.38	$25,234.30
		CONSTRUCTION SUBTOTAL:			$1,071,534.13

DESIGN & PERMITTING SERVICES					
300	JBCCI Pre-Construction Services	1	LS	$4,072.00	$4,072.00
310	Misc. Direct Costs	1	LS	$1,000.00	$1,000.00
320	GAI Consultants Engineering	1	LS	$102,873.83	$102,873.83
		DESIGN & PERMITTING SUBTOTAL:			**$107,945.83**
DESIGN BUILD FEES					
600	Design Build Fee (7.5%)	1	LS	$95,633.50	$95,633.50
		DESIGN BUILD FEES SUBTOTAL:			**$95,633.50**
				PROJECT TOTAL:	**$1,275,113.46**

Clarifications/ Exclusions;

- Estimate is based on GAI's proposal dated 12-12-16, and the box culvert feasibility study performed by Landmark Engineering dated 7-22-16. All notes and exclusions contained in the engineering proposals are included as part of this proposal.
- Q/C Testing included for roadway per COJ standards only. No other Q/C testing included.
- Survey, construction layout, and As-Built Drawings included for JBCCI's scope of work.
- We are responsible for "utility coordination" which involves locating existing utilities above ground or any markers for underground utilities and coordinating with owners for them to relocate as needed. Once we receive the notice to proceed, we will send out plans to the utility owners to have them identify what facilities they have and, if they are in conflict, have them develop a relocation plan. The costs for relocating the facilities in conflict with the new construction will be borne by the utility owners.
- Clearing and grubbing limits will not extend beyond station range or limits of construction indicated in the plans.
- This estimate does not include any irrigation or landscaping construction/ restoration within the ROW except for sod/seed for slope stabilization where indicated in the plans.
- This estimate excludes the removal/disposal of unknown subsurface debris (concrete, pipe, buried trees, etc.) which cannot be removed using standard mechanical clearing and grubbing.
- This estimate excludes any work associated with the discovery or handling of hazardous or non-hazardous waste that may be encountered while constructing the drainage improvements on this project.
- The box culvert footprint will be undercut approximately 2 feet below the existing creek bottom and soil improvements are included to meet the geotechnical needs to support the new box culvert system (example. Grout columns may be installed beneath the culverts).
- Any and all easements, land purchases, or permission to access private property to be handled by the City of Jacksonville. This includes temporary construction easements and permanent easements associated with this project.
- All public notices and informational meetings to be handled by the COJ.
- JBCCI provides this pricing with the assumption that all work will be authorized and performed with one mobilization.
- This GMP proposal pricing is valid for 90 days from the date of the proposal.
- All mitigation fees that may be required for clearing and or wetland impacts are excluded from this estimate.

Smith 2-2-17

gai consultants

Jacksonville Office
1301 Riverplace Boulevard
Suite 900
Jacksonville, Florida 32207

T 904.363.1110
F 904.363.1115

December 12, 2016

Jayson Smith
Design-Build Manager
J.B. Coxwell Contracting, Inc.
6741 Lloyd Road West
Jacksonville, Florida 32254

Fee Proposal for 100% Design and Post Design Services:

Moncrief-Dinsmore Bridge Replacement over Nine Mile Creek
Design-Build Construction Delivery for the City of Jacksonville
RFQ CDB-0049-09/City Contract No. 6533-46

Dear Mr. Smith:

GAI Consultants, Inc. (GAI), in association with our subconsultant Landmark Engineering, Inc., is pleased to provide you with this proposal for the above referenced project.

Under this proposal, GAI will be providing for 100% design and post design services for the replacement of the Moncrief-Dinsmore Bridge over Nine Mile Creek with a Box Culvert pursuant to the recently completed Box Culvert Feasibility Study. The services being provided, including qualifications, exclusions, etc. are as outlined on the attached proposal from Landmark Engineering, Inc. Due to unknown timeframes with regards to obtaining the necessary wetland impact permits, we estimate the final design and permitting of this project could take up to six (6) months.

GAI's scope of work will entail managing the project during the 100% design, permitting, and post design phases including but not limited to: sub-consultant management, attending project design review meetings with our sub-consultant, attending meetings with you and your team to review design plans during production to insure compliance with the GMP proposal, providing quality assurance and quality control during and at the completion of the 100% design phase, documenting meeting results and directives as issued by the City, working with your construction team, the design engineer, and the City's Construction Management staff during construction, facilitating regulatory review during the permitting stage, and working with you to insure the project stays on-time and within the established GMP budget.

If you have any questions, please do not hesitate to give us a call.

Regards,
GAI Consultants, Inc.

Nicholas E. Mousa

Nicholas E. Mousa, AICP
Director, Florida Market Initiatives
NEM/sar

Enc.: GAI Fee Summary
Landmark Engineering, Inc. Proposal (dated December 6, 2016)

Exhibit A - Page 1 of 1

CONTRACT FEE SUMMARY FOR

Moncrief Dinsmore Road Bridge 100% Design and Post Design Svcs.

PART I - GENERAL	
1. Project - D/B Construction Delivery for COJ Moncrief Dinsmore Bridge - 100% Design and Post Design Svcs.	2. Project Number CDB-0049-09
3. Name of Consultant GAI Consultants, Inc.	4. Date of Proposal 12/12/2016

PART II - LABOR RELATED COSTS				
5. DIRECT LABOR	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Managing Principal	$ 69.39	46	$ 3,191.94	
Engineering Manager	$ 55.52	0	$ 0.00	
Sr. Staff Engineer	$ 42.10	0	$ 0.00	
Staff Engineer	$ 33.34	0	$ 0.00	
Project Manager	$ 35.00	0	$ 0.00	
Engineer Intern	$ 29.49	0	$ 0.00	
CAD Operator	$ 22.25	0	$ 0.00	
Clerical	$ 13.00	10	$ 130.00	
			TOTAL DIRECT LABOR	$ 3,321.94
6. OVERHEAD (Combined Fringe Benefits & Administrative) Overhead Rate 162%				$ 5,381.54
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 8,703.48
8. PROFIT: Labor Related Costs (Item 7)			x 10%	$ 870.35
			SUB-TOTAL SALARY RELATED COSTS	$ 9,573.83

PART III - OTHER COSTS	
9. MISCELLANEOUS DIRECT COSTS Misc. Direct Expenses	$ 1,100.00
MISCELLANEOUS DIRECT COSTS SUB-TOTAL	$ 1,100.00
10. SUBCONTRACTS (Lump Sum) Landmark Engineering, Inc.	$ 92,200.00
SUB-CONTRACT SUB-TOTAL	$ 92,200.00

PART IV - SUMMARY	
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)	$ 102,873.83

1300 Riverplace Blvd Ste 210
Jacksonville Florida 32207
(904) 396-3556 ph
(904) 396-3506 fax
www.landmarkengineer.com

LANDMARK
ENGINEERING

December 6, 2016

Nicholas E. Mousa, AICP
GAI Consultants
1301 Riverplace Blvd., Suite 900
Jacksonville, Florida 32207

RE: Replacement of Moncrief-Dinsmore Road Bridge over Nine Mile Creek
Structure No. 724179
Fee Proposal for 100% Engineering Services

Mr. Mousa:

Landmark Engineering is pleased to submit this fee proposal for 100% Engineering Services for the above referenced project. Details of our proposal are as follows:

Design Scope of Work:
Proposed roadway plans and profiles will be reworked including guardrail treatments, shoulder transitions and driveway connections for the proposed replacement of the existing bridge with a 40' long bridge culvert on a new alignment.

A cost effective and constructible alignment will be established for the new bridge culvert to be constructed south of the existing bridge. Traffic will be maintained on the existing bridge until the new bridge culvert and approaches are constructed. Traffic Control plans will be completed as appropriate using traffic control devices in accordance with FDOT Standards.

New guardrail will be installed with appropriate bridge attachments and end treatments meeting the requirements of current applicable FDOT Standards.

Existing asphalt on the approach roadways will be milled and resurfaced within the limits of the new guardrail.

Design of the new bridge culvert will be completed in accordance with standard practices set forth in the FDOT Structures Manual. The bridge will be designed as a cast-in-place culvert for the purpose of developing steel and concrete quantities. It is anticipated that the bridge culvert will be constructed using precast culvert segments designed by the fabricator. Landmark has included review of the precast culvert shop drawings in the Post Design Services effort.

A Bridge Load Rating will be prepared for the new structure.

Approach roadway pavement will be based on COJ standards for a rural local road. Pavement design is neither anticipated nor included in this proposal.

Pavement marking within the limits of the resurfacing work will consist of solid white thermoplastic stripes for outside lane lines and double yellow thermoplastic stripes down the centerline (no passing zone) with amber RPM's.

Two (2) soil borings, one on either side of the creek, will be performed to evaluate the soil properties along the toe of slope of the proposed approach embankment and to confirm the depth to the dense sand layer within which the rigid inclusion columns will be installed.

Plans for the subgrade stabilization work will be prepared showing limits and spacing of rigid inclusion columns and geogrid reinforcement.

Storm water treatment design is neither anticipated nor included in this proposal. Runoff will be collected in roadside ditches and discharged directly into the creek.

Erosion control plans and Storm Water Pollution Prevention plans will be completed.

Permitting agencies will be contacted to discuss the project and potential wetland impacts and the necessary permit applications will be prepared.

A Tree Mitigation Plan will be prepared in accordance with the City's minimum requirements, including an assessment of the health of trees to be removed and depicting required tree barricades, and the identification and enumeration of existing trees to remain, remove and be credited.

To facilitate the preparation of the Tree Mitigation Plan, additional topographic survey will be performed to 150' left of the centerline. In addition, all survey work, sketches, drawings, legal descriptions, ties to existing survey, etc., necessary for acquisition of Temporary Construction Easements and Permanent Easements will be prepared. A maximum of four (4) parcels are anticipated.

No additional hydraulic analysis is anticipated. A Bridge Hydraulics Recommendation Sheet will be prepared for inclusion in the final plans.

Utility companies will be contacted to determine the proposed location of relocated utility lines. Plans will depict proposed locations of relocated utilities based on markups provided by the utility companies. Neither utility certification nor relocation design effort are included in this proposal.

Plans will be developed to the 100% level of completion with sufficient plan notes and details included to adequately describe all material properties, quantities, dimensions and locations necessary for construction. This proposal is based on one 10-set permitting submittal and one review and comment period. A single meeting is included for review of the final 100% plans with GAI and the Contractor.

This proposal includes a fee for Landmark Engineering to address Post Design Services for shop drawing reviews, meeting attendance, periodic field observations, and responding to requests for information.

LANDMARK ENGINEERING

Additional Project Parameters:

- This is a 100% GMP Proposal for Engineering Services.
- A new permanent alignment will be developed for construction along the south side of the road.
- Traffic will be maintained on the existing bridge during construction of the new bridge culvert and approaches.
- Environmental permit applications will be prepared for submittal to the reviewing agencies.
- Application fees and mitigation costs are NOT included in this proposal.
- A City 10-set Permitting will be required.
- Landscape Design services will be provided to prepare the required Tree Removal Permit application. A contribution to the tree fund will be noted in lieu of planting.
- Contribution to the tree fund is NOT included in this proposal.
- We will provide utility coordination and will show proposed locations of relocated utilities in our plans based on markups provided by the utility companies.
- Neither utility certification nor relocation design effort are included in this proposal.
- No storm water treatment is anticipated.
- No pavement design is required. Pavement will be based on COJ standards for rural local roads.
- Survey, sketches and legal descriptions necessary for acquisition of a maximum of four (4) Temporary Construction Easements and/or Permanent Easements will be prepared by GAI.
- Temporary Construction Easements and Permanent Easements will be acquired by the City.
- A single 10-set submittal and review comment period is included in this proposal.
- Post Design Engineering Services are included for shop drawing review, meeting attendance, periodic jobsite observations, and responding to Requests For Information.

All design work will be in accordance with latest COJ Design Guidelines and COJ Standards will be referenced in the plans where applicable. The plans and supporting design documents will be provided in PDF format. Plans will be signed and sealed by Professional Engineers licensed in the State of Florida.

Schedule:
Work will commence immediately upon receipt of Notice To Proceed. Final Design and preparation of 100% Plan drawings are estimated to require 150 days from NTP to complete.

Key Personnel Assigned:	Duane R. Merrell, P.E. Alan Rainer, P.E. Kevin Fielder, P.E. Ravi Kannan, P.E.
Proposed Fee (Lump Sum):	100% Design of Bridge Culvert Plans and associated roadway work including plans, profiles and cross sections for the realignment of Moncreif-Dinsmore Road.

LANDMARK
ENGINEERING

	$ 47,300.00
Roadway/Structural Post Design Services (LMK)	$ 8,000.00
Geotechnical Services (MAE)	$ 6,000.00 ✓
Geotechnical Post Design Services (MAE)	$ 6,000.00 ✓
Environmental/Permitting Services (ESI)	$ 11,600.00 ✓
Tree Removal Permit Services (JOW)	$ 3,500.00 ✓
Survey (GAI)	$ 7,200.00 ✓
Bridge Hydraulics Support (Taylor)	$ 2,600.00 ✓
Total	$ 92,200.00

If this proposal is acceptable, you may return a signed copy of this letter which will serve as our notice to proceed for the services described above.

Sincerely,

Authorized:
GAI Consultants

Nina C. Sickler, P.E.
President

Signature / Date

Meskel & Associates Engineering
Geotechnical ▸ Environmental ▸ Inspection ▸ Testing

December 15, 2016

Mr. Duane R. Merrell, P.E.
Landmark Engineering
1300 Riverplace Boulevard, Suite 210
Jacksonville, Florida 32207-9091

Subject: Proposal for Additional Geotechnical Engineering & Construction Services
Replacement of Moncrief-Dinsmore Bridge over Nine Mile Creek
FDOT Bridge No. 724179
Jacksonville, Florida
MAE Proposal No. 003916A

Dear Mr. Merrell:

MESKEL & ASSOCIATES ENGINEERING, PLLC (MAE) is pleased to present this proposal to provide additional geotechnical engineering services during final (100 Percent) design, and during the Construction phase, for the subject project. We were provided with a sketch of the proposed new roadway alignment that will include a triple-box culvert crossing. The purpose of the additional geotechnical engineering services is to

- Update our recent geotechnical report for this project, dated July 22, 2016, to include this new alignment
- Include a line item for materials testing services during construction

Our geotechnical scope of work would include 2 Standard Penetration Test (SPT) borings, each advanced to a depth of 30 feet below existing grade, located along the roadway at each end of the proposed culvert crossing. The purpose of the SPT borings is to explore the subsurface conditions in the culvert area and compare to those encountered in our prior exploration. Hand auger borings, each advanced to a depth of 6 feet below existing grade, would be located along the proposed alignment. The purpose of the auger borings is to explore for any organic or clay soils that may affect the performance of the proposed roadway structure.

The recovered soil samples would be returned to our laboratory where they will be classified by a geotechnical engineer. Laboratory testing would be performed as needed to confirm the soil classification and to help estimate soil compressibility.

Once the field and laboratory testing programs are complete, an engineering report will be prepared. This report will update our previous geotechnical report dated July 22, 2016.

Once construction begins, MAE would provide construction inspection services during construction of the new roadway and the box culvert. This testing would include field in-place density testing on the placed and compacted fill soils, and concrete testing of the poured in place concrete elements. We will also be present to observe the installation of the rigid inclusions, or compaction grout

8936 Western Way, Suite 12
Jacksonville, Florida 32256
Phone: (904)519-6990 Fax: (904)519-6992

columns, that are anticipated to support the box culvert structure. Reports will be issued on a daily basis following inspection and testing events.

Based on the scope of the services as outlined above, we propose to complete our work for a Not-To-Exceed fee of **$12,000**. An itemization of this fee is attached to this proposal. We will contact you immediately if conditions are encountered during pile installation that could require changes to the pile driving operation.

A returned copy of the attached authorization sheet will authorize our work. Our work will be performed in accordance with our General Conditions, a copy of which is attached to and made a part of this proposal.

We appreciate this opportunity to provide this proposal for your project. If you have any questions concerning this proposal, or if we can serve you in any other way, please contact me.

Sincerely,
MESKEL & ASSOCIATES ENGINEERING, PLLC

P. Rodney Mank, P.E.
Principal Engineer

Antoinette (Tina) D. Meskel, P.E.
Principal Engineer

Distribution: Mr. Duane R. Merrell, P.E. – Landmark Engineering One (1) e-mail copy

8936 Western Way, Suite 12
Jacksonville, Florida 32256
Phone: (904)519-6990 Fax: (904)519-6992

PROPOSAL AUTHORIZATION
For Geotechnical & Construction Services
Replacement of Moncreif-Dinsmore Bridge Over Nine Mile Creek
FDOT Bridge No. 724179
Jacksonville, Florida
MAE Proposal No. 003916A

Billing Information:

Company Name: _____

Attention: _____

Company Address: _____

Phone No.: _____ Email: _____

Project Contact Name:
(if different than above) _____

No. of Reports Required: _____

Additional Reports: Please List Below Any Additional Parties To Receive Reports.

1. _____

_____

No. of Reports Required: _____

2. _____

_____

No. of Reports Required: _____

MAE invoices should be received by you by the _____ of each month (date required for your processing)

The Client representative named below has read the General Conditions that are attached and made a part of this proposal, and agrees to be bound to the terms of the General Conditions.

Name: _____ Title: _____

Signature: _____ Date: _____

Payment – Payment shall be due within 30 days after date of invoice.

Insurance – Meskel & Associates Engineering (MAE) maintains Commercial General Liability with limits of $1,000,000 – per occurrence, $2,000,000 general aggregate, $2,000,000 products and completed operations aggregate. A certificate of insurance can be provided at your request evidencing such coverage. All subcontractors to MAE maintain Workers' Compensation, Employer's Liability with limits of $1,000,000 bodily injury by accident – each accident, $1,000,000 bodily injury by disease – each employee, $1,000,000 bodily injury by disease – policy limit. Workers Compensation coverage is in accordance with the Workers Compensation Law for the State of Florida.

Professional Liability: MAE maintains Professional Liability with limits of $2,000,000 each claim and $3,000,000 aggregate. A certificate of insurance can be provided at your request evidencing such coverage.

Right-of-Entry – Unless otherwise agreed, Client will furnish right-of-entry on the property for MAE to make the planned borings, surveys, and/or exploration. MAE will take reasonable precautions to minimize damage to the property caused by its equipment and sampling procedures, but the cost of restoration or damage which may result from the planned operations is not included in the contracted amount.

Legal Jurisdiction – The parties agree that any actions brought to enforce any provision of this Agreement shall only be brought in a court of competent jurisdiction located in Jacksonville, Duval County, Florida.

Damage to Existing Man-made Objects – It shall be the responsibility of the Owner or his duly authorized representative to disclose the presence and accurate location of all hidden or obscure man-made objects relative to field tests, sampling, or boring locations. When cautioned, advised or given data in writing that reveal the presence or potential presence of underground or overhead obstructions, such as utilities, MAE will give special instructions to its field personnel. As evidenced by your acceptance of this proposal, Client agrees to indemnify and save harmless MAE from all claims, suits, losses, personal injuries, death and property liability resulting from unusual subsurface conditions or damages to subsurface structures, owned by Client or third parties, occurring in the performance of the proposed work, whose presence and exact locations were not revealed to MAE in writing, and to reimburse MAE for expenses in connection with any such claims or suits, including reasonable attorney's fees.

Limitation of Responsibility – Client hereby agrees to the fullest extent permitted by law the Consultant's total liability to Client for any and all injuries, claims, losses, expenses or damages whatsoever arising out of or in any way relating to the project, the site, or this Agreement from any cause or causes including but not limited to the Consultant's negligence, errors, omissions, strict liability, breach of contract, or breach of warranty shall not exceed the greater of the total amount paid by the Client for the services of the Consultant under this contract or $50,000.00, whichever is greater.

Client and the Consultant agree that to the fullest extent permitted by law the Consultant shall not be liable to Client for any special, indirect or consequential damages whatsoever, whether caused by the Consultant's negligence, errors, omissions, strict liability, breach of contract, breach of warranty or other cause or causes whatsoever.

To the fullest extent permitted by law, Client agrees to defend, indemnify, and hold Consultant, its agents, subcontractors, and employees harmless from and against any and all claims, defense costs, including attorneys' fees, damages, and other liabilities arising out of or in any way related to Consultant's reports or recommendations concerning this Agreement, Consultant's presence on the project property, or the presence, release, or threatened release of asbestos, hazardous substances, or pollutants on or from the project property; **provided that** Client shall not indemnify Consultant against liability for damages to the extent caused by the negligence or intentional misconduct of Consultant, its agents, subcontractors, or employees.

Use of Documents – All documents, including but not limited to drawings, specifications, reports, and data or programs stored electronically, prepared by the Consultant are related exclusively to the services described in this Agreement, and may be used only if the Client has satisfied all of its obligations under this Agreement. They are not intended or represented to be suitable for use, partial use or reuse by the Client or others on extensions of this project or on any other project. Any modifications made by the Client to any of the Consultant's documents, or any use, partial use or reuse of the documents without written authorization or adaptation by the Consultant will be at the Client's sole risk and without liability to the Consultant, and the Client shall indemnify, defend and hold the Consultant harmless from all claims, damages, losses and expenses, including but not limited to attorneys' fees, resulting therefrom. The Consultant's electronic files and source code developed in the development of application code remain the property of the Consultant and shall be provided to the Client only if expressly provided for in this Agreement. Any electronic files not containing an electronic seal are provided only for the convenience of the Client, and use of them is at the Client's sole risk. In the case of any defects in the electronic files or any discrepancies between them and the hardcopy of the documents prepared by the Consultant, the hardcopy shall govern. Because data stored in electronic media format can deteriorate or be modified without the Consultant's authorization, the Client has 60 days to perform acceptance tests, after which it shall be deemed to have accepted the data.

PURSUANT TO FLORIDA STATUTES SECTION 558.0035 (2013) AN INDIVIDUAL EMPLOYEE OR AGENT OF MAE MAY NOT BE HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE.

Sampling or Testing Location – Unless specifically stated to the contrary, the fees included in this proposal do not include costs associated with professional land surveying of the site or the accurate horizontal and vertical locations of tests. Field tests or boring locations described in our report or shown on our sketches are based on specific information furnished to us by others or estimates made in the field by our technicians. Such dimensions, depths or elevations should be considered as approximations unless otherwise stated in the report.

Sample Handling and Retention – Generally test samples or specimens are consumed and/or substantially altered during the conduct of tests and MAE, at its sole discretion, will dispose (subject to the following) of any remaining residue immediately upon completion of test unless required in writing by the Client to store or otherwise handle the samples. (a) NON HAZARDOUS SAMPLES: At Client's written request, MAE will store test samples and specimens, or the residue thereof for ninety (90) days after submission of MAE's report to Client free of storage charges. After the initial 90 days and upon written request, MAE will store test specimens or samples for a mutually acceptable storage charge and period of time. (b) HAZARDOUS OR POTENTIALLY HAZARDOUS SAMPLES: In the event that samples contain substances or constituents hazardous or detrimental to human health, safety or the environment as defined by federal, state or local statutes, regulations, or ordinances ("Hazardous Substances" and "Hazardous Constituents", respectively), MAE will, after completion of testing and at Client's expense: (i) return such samples to Client; (ii) using a manifest signed by Client as generator, will have such samples transported to a location selected by Client for final disposal. Client agrees to pay all costs associated with the storage, transport, and disposal of such samples. Client recognizes and agrees that MAE is acting as a Bailee and at no time does MAE assume title of said waste.

Discovery of Unanticipated Hazardous Materials – Hazardous materials or certain types of hazardous materials may exist at a site where there is no reason to believe they could or should be present. MAE and Client agree that the discovery of unanticipated hazardous materials constitutes a changed condition mandating a renegotiation of the scope of work or termination of services. MAE and Client also agree that the discovery of unanticipated hazardous materials may make it necessary for MAE to take immediate measures to protect health and safety. MAE agrees to notify Client as soon as practicable should unanticipated hazardous materials or suspected hazardous materials be encountered. Client encourages MAE to take any and all measures that, in MAE's professional opinion, are justified to preserve and protect the health and safety of MAE's personnel and the public. Client agrees to compensate MAE for the additional cost of working to protect employees' and the public's health and safety. In addition, Client waives any claim against MAE, and agrees to defend, indemnify and save MAE harmless from any claim or liability for injury or loss arising from MAE's discovery of unanticipated hazardous materials or suspected hazardous materials. Client also agrees to compensate MAE for any time spent and expenses incurred by MAE in defense of any such claim, with such compensation to be based upon MAE's prevailing fee schedule and expense reimbursement policy relative to recovery of direct project costs.

Force Majeure – MAE shall not be held responsible for any delay or failure in performance of any part of this Agreement to the extent such delay or failure is caused by fire, flood, explosion, war, strike, embargo, government requirement, civil or military authority, acts of God, act or omission of subcontractors, carriers, client or other similar causes beyond its control.

8936 Western Way, Suite 12
Jacksonville, Florida 32256
Phone: (904)519-6990 Fax: (904)519-6992

Meskel & Associates Engineering
Geotechnical • Environmental
Inspection • Testing

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL	
1. Project Replacement of Moncrief-Dinsmore Bridge Over Nine Mile Creek (Bridge No. 724179) with Triple-Box Culvert	**2. Contract Number**
3. Name of Sub Consultant Meskel & Associates Engineering, PLLC	**4. Date of Proposal** 12/15/2016

PART II - LABOR RELATED COSTS

5. Direct Labor	Unit	Rate	Estimated Quantity	Estimated Cost	
Project Manager	Hr	$48.08	2.0	$96.16	
Sr. Project Engineer	Hr	$40.87	14.0	$572.18	
Staff Engineer	Hr	$26.50	13.0	$344.50	
CAD Operator	Hr	$18.00	8.0	$144.00	
Clerical	Hr	$22.21	5.0	$111.05	
Maintenance of Traffic (MOT)					
Sr Technician/MOT Supervisor - Plan Prep, Field: 6 movements	Hr	$28.00	0.0	$0.00	
MOT Flagmen	Hr	$17.17	0.0	$0.00	
TOTAL DIRECT LABOR					$1,267.89
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate			164.27% x Total Direct Labor		$2,082.76
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)					$3,350.65
8. PROFIT: Labor Related Costs (Item 7)			10% x (Labor + Overhead)		$335.07
9. TOTAL LABOR (Item 7 + 8)					**$3,685.72**

PART III - OTHER COSTS

10. Miscellaneous Direct Costs	Unit	Estimated Quantity	Rate	Estimated Cost	
Mobilization of Tripod Drilling Crew & Equipment	Ea	1	$750.00	$750.00	
SPT Soil Borings - 2 to 30'	Ft	60	$22.00	$1,320.00	
Crew Time Between Boreholes - Tripod Setup	Hr	1	$150.00	$150.00	
Concrete (8) & Asphalt (4) Coring and Patching	Ea	0	$195.00	$0.00	
Grouting, 0-50 Ft.	Ft	0	$4.00	$0.00	
Grouting, 51-100 Ft.	Ft	0	$6.00	$0.00	
Hand Auger Borings, 8 to 6 feet	Ft	48	$12.00	$576.00	
Undisturbed Samples (Shelby Tube)	Ea	0	$150.00	$0.00	
Laboratory Testing, Soil	LS	1	$518.28	$518.28	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL					**$3,314.28**
11. SUBCONTRACTS (Lump Sum)					
SUB-CONTRACT SUB-TOTAL					$0.00
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)					**$7,000.00**
12. REIMBURSABLE COSTS (Limiting Amount)					
Construction Materials Testing and Inspection Services					$5,000.00
SUB-TOTAL REIMBURSABLES					**$5,000.00**

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)	**$12,000.00**

ENVIRONMENTAL SERVICES, INC.
7220 Financial Way, Suite 100
Jacksonville, FL 32256

Phone 904-470-2200 * Fax 904-470-2112

www.environmentalservicesinc.com

13 November 2015

Mr. Duane Merrell
Landmark Engineering
1300 Riverplace Boulevard, Suite 210
Jacksonville, Florida 32207

RE: Moncrief - Dinsmore Road Bridge Replacement Permitting (EJ14070.01)
Duval County, Florida

Dear Mr. Merrell:

Thank you for contacting Environmental Services, Inc. (ESI). Pursuant to our recent conversation, ESI is pleased to enclose the attached proposal. Please note under our Terms section at the end of the proposal that, as the client, you assure ESI that we have permission to work on the property being evaluated and that you will advise us regarding the proper procedures for accessing the property.

If the attached meets your requirements, please approve by signing and returning the enclosed document to us by mail to the address above, by fax (904-470-2112) or via email (ghowalt@esinc.cc). We are prepared to proceed upon receipt of the signed contract. We look forward to working with you.

Please contact me should you have any questions. Thank you for selecting ESI to assist with your environmental consulting needs.

Sincerely yours,

ENVIRONMENTAL SERVICES, INC.

Gary K. Howalt

Gary K. Howalt, PWS
Principal

GKH/enc/EJ14070.01 proposal doc
S pfl11315f

PROPOSAL FOR SERVICES
ESI PROJECT NO. EJ14070.01

The following Contract for Services is an agreement between Environmental Services, Inc., (ESI) and Landmark Engineering, (Client) with the terms specified herein. Client agrees that the company/individual signing this agreement has the ability to compensate ESI for the work described herein whether or not the proposed project materializes. ESI agrees to perform the following tasks for the associated fee.

Project Name: **Moncrief - Dinsmore Road Bridge Replacement Permitting**
Project Location: **Duval County, Florida**

SCOPE OF SERVICES		FIXED FEE
Task 1.	**SJRWMD Pre-application Meeting**	**$800.00**
	ESI will participate in one pre-application meeting at the SJRWMD office to discuss preliminary project design and potential wetland impacts.	
Task 2.	**ACOE Pre-application Meeting**	**$800.00**
	ESI will request one pre-application meeting at the ACOE office to discuss preliminary project design and potential wetland impacts.	
Task 3.	**SJRWMD Notice General Environmental Resource Permit**	**$2,500.00**
	ESI will assist your consulting engineer in preparation and submittal of a General Environmental Resource Permit application.	
	This permit will require approximately 60 to 120 days from the date of application submittal to obtain. The permit will require approval from the St. Johns River Water Management District staff.	
	**This cost does not include the permit application fee of $250.00 payable to St. Johns River Water Management District.*	
Task 4.	**ACOE Nationwide Permit**	**$2,500.00**
	If the proposed wetland impacts qualify, ESI will prepare a pre-construction notification package in accordance with ACOE Nationwide Permit Number 14 requirements, including site plans, a Nationwide Permit Checklist, and supporting documentation.	

It is likely that the project impacts will be authorized by ACOE under the Nationwide Permit. These permits are usually issued within 45 to 60 days.

The cost for mitigation bank credits for up to 0.5 ac of impacts is $5,400.00 and is not included in this proposal.

TIME & MATERIALS

Task 5. Requests for Additional Information (RAI) **$3,000.00 estimate**

ESI will prepare responses to one RAI from each permitting agency.

In most cases, the representatives from ACOE and SJRWMD ask for additional information related to the project which is not typically included in the permit application. The content and detail of these requests are difficult to predict at this time as this is dependent upon the level of scrutiny that the agency personnel and others offering comments feel is appropriate for the project. Typically, SJRWMD issues one RAI with questions related to both environmental and stormwater engineering issues. ACOE RAIs typically consist of providing technical responses to comments from U.S. Fish and Wildlife Service (FWS), National Marine Fisheries Service (NMFS), U.S. Environmental Protection Agency (EPA) or others.

Task 6. Project Coordination and Meetings **$2,000.00 estimate**

ESI will coordinate with the project team, participate in project progress meetings and meetings with regulatory agency staff as requested.

Additional services not specifically addressed herein will be invoiced on a time and materials basis at standard ESI hourly rates. We will provide you with a written proposal for these tasks if, or when, they become necessary. We are prepared to proceed upon receipt of the signed contract.

ESI is committed to providing quality service to our clients. Every project is reviewed by a senior technical manager to ensure that the work has been performed in compliance with our goal of providing superior service and solutions to our clients.

Project Name: **Moncrief-Dinsmore Road Bridge Replacement Permitting**
Project Location: **Duval County, Florida**

Task 1:	SJRWMD Pre-application Meeting	Fee:	$800.00
Task 2:	ACOE Pre-application Meeting	Fee:	$800.00
Task 3:	SJRWMD Notice General Environmental Resource Permit	Fee:	$2,500.00
Task 4:	ACOE Nationwide Permit	Fee:	$2,500.00
Task 5:	Requests for Additional Information	Fee:	$3,000.00 est.
Task 6:	Project Coordination and Meetings	Fee:	$2,000.00 est.
		Total Fee:	**$11,600.00 est.**

TERMS:

- ESI will complete the work described above in a timely manner unless delayed by Client's request, lack of information, or intervening factors beyond our control.
- Client assures ESI that it has permission to work on the subject property and will advise ESI of proper procedures for accessing subject property.
- **ESI will maintain a minimum $1,000,000 errors and omissions (professional liability) insurance; $1,000,000 per occurrence and $2,000,000 aggregate general liability insurance for the duration of the project. If any additional insurance requirements are necessary, please return the specifications with the signed proposal. They will become a part of this contract as agreed by both parties.**
- Outside services and expenses such as subcontractors and special purchases will be invoiced with a handling fee of 15 percent.
- Client will provide ESI with any special billing formats or considerations with the signed contract.
- Billing is done monthly. **Payment is due immediately upon receipt of the invoice**: after 30 days the Client agrees to pay 1.5 percent late fee per month or portion thereof on unpaid balances. Unpaid balances after 60 days from the date of the invoice may result in work stoppage until overdue accounts are resolved.
- Failure to pay within 60 days from the date of invoice will be considered by ESI to be a breach of contract, and ESI may cease work and withhold all work product immediately without penalty from the Client.
- Client agrees that this contract is an agreement between Client and ESI. Payment is due from Client at the time services are performed. Payment shall not be contingent upon regulatory action or upon resolution of any legal matter that ESI is not a party to. If ESI is being contracted to complete work which Client will use in a legal dispute, Client agrees to pay ESI in a timely manner without regard to the current standing of that legal dispute. ESI fees may not be incorporated into real estate closings without prior written consent from ESI.
- Any disputes regarding payment for services will be resolved in a court in the county of the ESI office responsible for the work. Client agrees to pay all legal fees and other collection costs incurred by ESI to collect unpaid invoices.
- ESI rates change on March 1 of each year.
- **This proposal is valid for a period of 60 days following the date of issuance.**

TERMS ACCEPTED:		**ENVIRONMENTAL SERVICES, INC.**	
SIGNATURE:	_____	SIGNATURE:	Gary K Howalt
NAME:	_____	NAME:	Gary K Howalt
FIRM:	_____	FIRM:	Environmental Services, Inc.
TITLE:	_____	TITLE:	Principal
DATE:	_____	DATE:	13 November 2015

BILLING ADDRESS AND CONTACT IF DIFFERENT FROM ABOVE:

_____

_____

GKH/enc/EJ14070 01 proposal doc
S pf111315f

ENVIRONMENTAL SERVICES, INC.
SCHEDULE OF LABOR AND EXPENSE RATES

POSITION	RATE
Technical	
Assistant Scientist	$40.00/Hour
Environmental Technician	$50.00/Hour
Project Scientist	$55.00/Hour
Senior Scientist	$70.00/Hour
Senior Geologist	$115.00/Hour
Project Archaeologist	$45.00/Hour
Senior Archaeologist	$55.00/Hour
Historic Resource Specialist	$75.00/Hour
Sustainability Specialist	$95.00/Hour
Project Manager	$95.00/Hour
Senior Manager	$105.00/Hour
VP/Technical Director	$140.00/Hour
SR VP/Technical Director	$155.00/Hour
SR VP II/Technical Director	$175.00/Hour
Principal	$200.00/Hour
Administrative	
Receptionist	$35.00/Hour
Administrative Assistant	$50.00/Hour
Exec. Admin Assistant	$65.00/Hour
Graphics	
CAD/GIS Technician	$55.00/Hour
CAD/GIS Analysis	$75.00/Hour
CAD/GIS Manager	$100.00

EXPENSE	CHARGE
Additional Services	
CADD/GIS Usage	$30.00/Hour
Global Positioning System	$50.00/Day
ATV Usage	$50.00/Day
Boat Usage	$100.00/Day
Local Courier Service	$13.00/Delivery
Outside Graphics	Cost + 15%
All Subcontracted Services	Cost + 15%
Travel	
Vehicle Mileage Rate	$0.575/Mile
Travel Expenses	Cost
Copies	
Photocopy Per Page	$0.15
Color Copy Per Page	$1.50 8 ½ x 11
	$2.50 8 ½ x 14
	$3.00 11 x 17
Full Size Copy Per Page	$2.00 24 x 36
	or 36 x 48 b/w
	$20.00 24 x 36
	or 36 x 48 color
Blueprints or Xerox Per Page	$2.50
Aerial Photography	$50 0 - 15 acres
	$100 16 - 50 acres
	$200 51 - 100 acres
	$300 101 - 999 acres
	$500 1000+ acres
Fax Per Page	$0.50

JANET O. WHITMILL, R.L.A, INC.
LANDSCAPE ARCHITECT

November 15, 2015

Duane R. Merrell, P.E.
Senior Engineer
LANDMARK ENGINEERING
1300 Riverplace Blvd., Ste 210
Jacksonville, FL 32207-9091

RE: Proposal for Landscape Architectural Design Services for
Moncrief-Dinsmore Bridge Replacement- Jacksonville, Florida

Dear Duane,

This letter is to serve as the scope of services offered by Janet O. Whitmill, R.L.A. for the above referenced project. The landscape architectural design services are as follows:

Construction Documents:

- **Tree Mitigation Plan**: A tree mitigation plan shall be prepared to depict the trees to remain, remove and be credited. The plan shall meet city's minimum requirements and show required tree protection barricades. No tree flagging or surveying included in the proposal. Contribution to the tree fund in lieu of planting shall be noted.
- **Tree Assessment:** A tree assessment shall be performed by a certified arborist on site to determine the health and viability to the specimen trees to be removed.
- Details and Specifications to support submitted plans will be provided

Terms of Agreement:

The professional lump sum fees for the base services, without options, outlined above will be: $3,500.00 (three thousand five hundred dollars)

This fee proposal is subject to acceptance within 120 days. Invoicing for the tasks outlined above will be on a monthly basis. Payment is required within 30 days from the date of invoice. ~~A 50% retainer shall be required prior to commencement of work.~~ DRM This fee proposal is subject to acceptance within 120 days. In the event that we are required to retain an attorney to collect on this account, you will also responsible for all collection costs, including an attorney's fee. Blueprinting, delivery and other expenses will be invoiced as direct reimbursable expenses. Any modifications or changes to the approved permit documents shall be additional to the lump sum fee. Billing for any additional scope of services shall be based upon an hourly rate of $150.00 per hour. All original drawings, tracings and sketches shall remain the property of the Landscape Architect. The client shall retain exclusive rights to all drawings.

All work shall be completed within ten working days of receipt of Auto Cad drawing. Should this proposal meet your approval, please sign below. I look forward to working with you on this project.

Sincerely,

Janet O. Whitmill, R.L.A.

Signature of Acceptance _____ Date _____

P O BOX 5212 • JACKSONVILLE, FL • 32247 5212
PHONE: 904 398 7688
EMAIL: [illegible]

gai consultants
transforming ideas into reality

November 16, 2015 revised December 20, 2016

Landmark Engineering, Inc.
Duane Merrell, PE
1300 Riverplace Boulevard, Suite 210
Jacksonville, Florida 32207
Tel (904) 396-3556

Re: Moncrief-Dinsmore Road Bridge Survey (Duval County)

Dear Mr. Merrell:

GAI Consultants, Inc. is pleased to submit this proposal for Professional Survey Services in connection with the above referenced project.

Project Description: 100% design of Temporary Construction Easements (TCE) or Permanent roadway Easements (PE) for a bridge on Moncrief-Dinsmore road at nine mile creek. The site is in Jacksonville, Florida and having a 66 foot Right-of-way with three property owners along project limits. The TCE or PE survey will produce 3 easements and legal description along with a sketch.

Scope of Services

Task 1: 100% TCE or PE Survey and add additional topo

a. Perform TCE or PE survey with 3 legal descriptions & sketch's: $1,650.00.

b. Additional topo and trees in area of shift of box culvert: $5,550.00.

c. Additional services will be charged at current hourly rates if approved by client.

B. Completion Schedule

- The Final Surveys will be delivered two (2) weeks from Notice-To-Proceed

C. Detail of Professional Survey Services

- A separate TCE or PE will be done for 3 properties on side of road for Bridge. The easement legal description along with sketch will be produced and ties to existing survey.

C. Lump Sum Fee

The Lump Sum for the Professional Services outlined in the Scope of Services **$7,200.00(task1)**

We look forward to continuing our relationship with you on this project, and trust this proposal is responsive to your request. If so, please e-mail your Notice to Proceed to Mr. Lek at j.lek@gaiconsultants.com. If you have any questions or comments, please do not hesitate to contact Mr. Lek at 904-363-1110 ext. 2009.

Sincerely,

GAI Consultants, Inc.

Joseph K. Lek, P.S.M.
Survey Manager

Kevin R. Leadbetter, P.E.
Assistant Vice President

November 18, 2015

Nina Sickler, P.E.
Landmark Engineering Inc.
1300 Riverplace Blvd, Ste 210
Jacksonville, FL 32207

Re: Bridge Hydraulics Design Support for Moncrief-Dinsmore Road over Ninemile Creek (Bridge No. 724179) Duval County, Florida

Dear Ms. Sickler,

On behalf of Taylor Engineering, I am pleased to provide this proposal and letter agreement to Landmark Engineering, Inc. for the above referenced project. We have developed this scope based on our understanding of the project as follows.

Landmark Engineering, Inc. (Landmark) has been asked to prepare a Guaranteed Maximum Price fee proposal for the Final Plans and Construction of the Moncrief-Dinsmore Road Bridge Replacement in Duval County, Florida. This proposal may involve modifications to the current design which may affect the bridge hydraulics. Taylor Engineering, Inc. (Taylor) will provide bridge hydraulics design support to Landmark for development of the Guaranteed Maximum Price fee proposal.

– SCOPE OF SERVICES –

Task 1: Evaluate the Effects of Design Changes on Bridge Hydraulics

Taylor will evaluate the effects of design changes on the bridge hydraulics and advise Landmark on these effects. Taylor understands that the current and any revised bridge design will include riprap protection over the whole bridge span. Therefore, Taylor will not calculate scour effects of the design changes, but limit the evaluation to bridge hydraulics (i.e., water level, flow velocity, discharge rate).

Should landmark require scour estimates, Taylor will submit a revised scope and staff-hours estimate.

Taylor will conduct up to four design revision evaluations. Should landmark require the evaluation of additional revisions, Taylor will submit a revised scope and staff-hours estimate.

DELIVERABLES

- Email report to Landmark of the design revision hydraulic effects for each design revision evaluated.
- Letter report describing the design revision hydraulic effects for each design revision evaluated.

SCHEDULE

Dependent on the extent of the revision, Taylor will complete the evaluation and inform landmark of the results within no more than 5 business days of receiving the revision. Taylor will submit the letter report within 7 business days of receiving the revision.

– END SCOPE OF SERVICES –

Taylor Engineering will perform the above-described scope of services for a phased-fixed fee cost of $2,600 per evaluation for a maximum cost of $10,400.

Our terms and conditions for the proposed work are as follows. Taylor Engineering, Inc. shall submit monthly invoices to Landmark Engineering, Inc., based on percent of work completed, for performance of the scope of services described above. Landmark Engineering, Inc. shall pay Taylor Engineering, Inc. for the invoiced services within thirty (30) days of the date of each monthly invoice. Payments not received within thirty (30) days of the invoice date shall include an additional 1½% per month late payment fee. Landmark Engineering, Inc. shall submit payment to:

Attn: Accounts Payable
Taylor Engineering, Inc.
P.O. Box 550510
Jacksonville, Florida 32255-0510

If you agree with the proposed scope of services, fee, and payment terms described herein, please execute this agreement with your signature (and witnesses) in the space below and return it to me. This agreement, upon execution, shall serve as the sole agreement between Taylor Engineering, Inc. and Landmark Engineering, Inc. for the work described herein. Taylor Engineering's receipt of the executed agreement shall serve as the written notice to proceed.

This agreement becomes invalid if Landmark Engineering, Inc. fails to return the executed agreement within 90 days from the date of this letter or alters the agreement in any way without Taylor Engineering's written concurrence.

Thank you for this opportunity to work with Landmark Engineering, Inc. We look forward to working with you on this project. Please contact Bill Miller or me if you have any questions about this proposal.

Sincerely,

Kenneth R. Craig, P.E.
Vice President for Coastal Engineering

On behalf of Landmark Engineering, Inc. the undersigned hereby accepts and agrees to the terms and conditions of this agreement.

Signature	Witness signature
Name (type or print)	Witness signature
Title	
Date	

West, Lori

From:	Evans, Kimberly <Kimberly.Evans@dot.state.fl.us>
Sent:	Tuesday, March 21, 2017 2:50 PM
To:	West, Lori
Cc:	Morgan, Melissa; Cerlanek, William
Subject:	RE: Moncrief Dinsmore Bridge Replacement 724179
Attachments:	3-3-17 JBCCI-Moncrief-Dinsmore Bridge Replacement Proposal (Box Culvert ....pdf; Design Feasibility Letter to Jayson Smith_072116.pdf; 7-21-16 JBCCI-Moncrief-Dinsmore Re-Design Feasibility Report (Over Nine ....pdf; Box Culvert Option.pdf

Thanks Lori for all of the project information. JB Coxwell is a pre-qualified contractor. Plans are approved. Please send me a copy of your contract information.

Please consider this email as **Concurrence in Award.**

Thanks,

Kim Evans
District Local Programs Administrator
Program Management – MS 2014
1109 South Marion Avenue
Lake City, Florida 32025
Phone: 386-961-7402
mailto:kimberly.evans@dot.state.fl.us
BE THE DIFFERENCE

"Always be prepared to give an answer
to everyone who asks you to give a reason
for the hope you have" - I Peter 3:15

From: Morgan, Melissa
Sent: Monday, March 20, 2017 10:55 AM
To: Evans, Kimberly; Cerlanek, William
Subject: FW: Moncrief Dinsmore Bridge Replacement 724179

Kim/Dave,
We have no comments on the documents provided. Please advise if we need to do anything else. Will your office notify COJ?

Melissa D. Morgan
Florida Department of Transportation, District II
710 NW Lake Jeffery Road, Suite 202
Lake City, FL 32055-2621
P(386)961-7060 F(386)961-7095

From: Goldsberry, Gary [mailto:GGoldsberry@coj.net]
Sent: Friday, March 17, 2017 10:34 AM

SUBJECT: **DESIGN-BUILD SVCS FOR VARIOUS SIZE CIVIL ENGINEERING & PARK IMPROVEMENT PROJECTS**

BID # **CDB-0049-09** OPEN DATE: **3/11/2009**

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION – DESIGN/BUILD

AGENCY: **DEPARTMENT OF PUBLIC WORKS**

BASIS OF AWARD: **EVALUATION CRITERIA**

NUMBER OF BIDS INVITED: 62 NUMBER RECEIVED: 18 OTHER: 1

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

The Moncrief-Dinsmore Road Bridge Replacement Over Nine Mile Creek project was awarded on 03/21/14 to J. B. Coxwell Contracting, Inc., in the amount of $82,504.00; Change Order #1 was awarded on 06/25/15 in the amount of $112,339.00.

Recommend approval of Change Order #2 to J. B. Coxwell Contracting, Inc., in the amount of $16,414.00, to complete a feasibility review for utilizing a triple box culvert as a means to replace the existing bridge in order to eliminate the need for a temporary bypass bridge as detailed in, "Exhibit A". Total revised guaranteed maximum price of $211,257.00, with all other terms and conditions remaining unchanged.

This award to be encumbered by account: PWGM141FYCP-06505-PW0300-02 to be executed by Purchase Order/Change Order.

ATTACHMENTS: Recommendation Memo, Change Order, Previous Award(s)

BUYER Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: **Tom Fallin, P.E., Chief, Engineering and Construction Management Division**

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 4 MEMBERS DISAPPROVING 0 DATE: 4-14-16

OTHER

Teresa R. Eichner

James R McCall

ACTION OF AWARDING AUTHORITY DATE 4/16/16

APPROVED ✓ DISAPPROVED:

Sam E. Mousa
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of:
Executive Order No. 2015-05

OTHER:

SIGNATURE OF AUTHENTICATION

SUBJECT: **DESIGN-BUILD SVCS FOR VARIOUS SIZE CIVIL ENGINEERING & PARK IMPROVEMENT PROJECTS**

BID # **CDB-0049-09** OPEN DATE: **3/11/2009**

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION – DESIGN/BUILD

AGENCY: **DEPARTMENT OF PUBLIC WORKS**

BASIS OF AWARD: **EVALUATION CRITERIA**

NUMBER OF BIDS INVITED: **62** NUMBER RECEIVED: **18** OTHER: **1**

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

The Moncrief-Dinsmore Road Bridge Replacement Over Nine Mile Creek project was awarded on 03/21/14 to J. B. Coxwell Contracting, Inc., in the amount of $82,504.00.

Recommend approval of Change Order #1 to J. B. Coxwell Contracting, Inc., in the amount of $112,339.00, to provide additional survey and geotechnical services, 60% design services and cost estimating for a replacement bridge structure, as detailed in Exhibit A and allowing for the completion of work within 90 days from notice to proceed. Total revised guaranteed maximum price of $194,843.00, with all other terms and conditions remaining unchanged.

Funding for this award to be encumbered by account: PWGM141FYCP-06505-PW0300-02 to be executed by Purchase Order/Change Order.

ATTACHMENTS: Recommendation Memo, Change Order, Previous Award

BUYER Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: **William J. Joyce, P.E., Chief, Engineering and Construction Management Division**

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 5 MEMBERS DISAPPROVING _____ DATE: 06/25/15

OTHER _____

ACTION OF AWARDING AUTHORITY DATE 6/25/15

APPROVED _____ DISAPPROVED: _____

OTHER: _____

SIGNATURE OF AUTHENTICATION _____

Cleveland Ferguson III
Deputy Chief Administrative Officer
For: Mayor Alvin Brown
Under Authority of:
Executive Order No. 2015-01

SUBJECT: **DESIGN-BUILD SVCS FOR VARIOUS SIZE CIVIL ENGINEERING & PARK IMPROVEMENT PROJECTS**

BID # **CDB-0049-09** OPEN DATE: **3/11/2009**

COMPETITIVE SEALED PROPOSAL EVALUATION COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION – DESIGN/BUILD

AGENCY: **DEPARTMENT OF PUBLIC WORKS**

BASIS OF AWARD: **EVALUATION CRITERIA**

NUMBER OF BIDS INVITED: **62** NUMBER RECEIVED: **18** OTHER: **1**

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
THE DEPARTMENT OF PUBLIC WORKS HAS COMPLETED NEGOTIATIONS WITH J.B. COXWELL CONTRACTING, INC., FOR THE MONCRIEF-DINSMORE ROAD BRIDGE REPLACEMENT OVER NINE MILE CREEK PROJECT IN ACCORDANCE WITH SUBJECT BID.

RECOMMEND APPROVAL OF AWARD TO J.B. COXWELL CONTRACTING, INC., IN THE AMOUNT OF $82,504.00 FOR 60% DESIGN, INCLUDING LIMITED PRE-CONSTRUCTION SERVICES AS DETAILED RESPECTIVELY IN EXHIBIT "A", WITH A GUARANTEED COMPLETION OF 90 CALENDAR DAYS FROM ISSUANCE OF NOTICE-TO-PROCEED.

THIS PROJECT TO BE EXECUTED AND ENCUMBERED BY PURCHASE ORDER(S):
PWCP32ARD549-069505-PW0381-01

ATTACHMENTS: 1) RECOMMENDATION MEMO 2) EXHIBIT "A" 3) PREVIOUS AWARD(S)

BUYER Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED Gregory Pease
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: **WILLIAM J. JOYCE, P.E., CHIEF-ENGINEERING & CONSTRUCTION MANAGEMENT**

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF CSPEC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 5 MEMBERS DISAPPROVING _____ DATE: 03/20/14

OTHER _____

ACTION OF AWARDING AUTHORITY DATE 3/21/14

APPROVED ✓ DISAPPROVED: _____

OTHER: _____

SIGNATURE OF AUTHENTICATION Karen Bowling

Karen Bowling
Chief Administrative Officer
For: Mayor Alvin Brown
Under Authority of:
Executive Order No. 2013-

QWS3270X 3/24/2017 8:50 AM
FAML6350 V5.1 ** NW COJ FAMIS PRODUCTION ** 03/24/2017
LINK TO: ACCOUNT SUMMARY INQUIRY 8:50 AM

FISCAL MO/YEAR : 06 2017 CURRENCY CODE :
INDEX CODE : PWGM141FYCP S&H 5-YR RD PROGRAM-CAPITAL PROJECTS
SUBOBJECT : 06505 OTHER CONSTRUCTION COSTS
PROJECT : PW0300 MONCRIEF
PROJECT DETAIL : 02 MONCRIEF - DINSMORE ROAD BRIDGE REPLACE.
GRANT :
GRANT DETAIL :
USER CODE :

S	MAR 2017	ANNUAL BALANCE	ALL YEARS BALANCE
ESTIMATED REVENUES	.00	.00	.00
REVENUES	.00	.00	.00
UNREALIZED REVENUES	.00	.00	.00
BUDGET	.00	.00	1,100,000.00
EXPENDITURES	720.70	50,547.63	179,216.78
ENCUMBRANCES	-720.70	84,326.28	85,146.98
PRE-ENCUMBRANCES	.00	.00	.00
REMAINING BALANCE	.00	-134,873.91	835,636.24

F1-HELP F2-SELECT F4-PRIOR F5-NEXT
F9-LINK F10-PRIOR-MO F11-NEXT-MO
G005 - PRIOR RECORD DISPLAYED

FISCAL MO/YEAR : 06 2017 CURRENCY CODE :
INDEX CODE : PWCP331EN538 PW ENGINEERING CAPITAL PROJECTS (F5380)
SUBOBJECT : 06505 OTHER CONSTRUCTION COSTS
PROJECT : PW0300 MONCRIEF
PROJECT DETAIL : 02 MONCRIEF - DINSMORE ROAD BRIDGE REPLACE.
GRANT : PWC021 MONCRIEF-DINSMORE
GRANT DETAIL : 1701 MONCRIEF-DINSMORE ROAD BRIDGE REPLACE
USER CODE :

S	MAR 2017	ANNUAL BALANCE	ALL YEARS BALANCE
ESTIMATED REVENUES	.00	.00	.00
REVENUES	.00	.00	.00
UNREALIZED REVENUES	.00	.00	.00
BUDGET	.00	500,000.00	500,000.00
EXPENDITURES	.00	.00	.00
ENCUMBRANCES	.00	.00	.00
PRE-ENCUMBRANCES	.00	.00	.00
REMAINING BALANCE	.00	500,000.00	500,000.00

F1-HELP F2-SELECT F4-PRIOR F5-NEXT
F9-LINK F10-PRIOR-MO F11-NEXT-MO
G005 - PRIOR RECORD DISPLAYED