City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Engineering & Construction Management Division
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202
(904) 255-8762
www.coj.net

ONE CITY. ONE JACKSONVILLE.

October 26, 2017

TO: Gregory W. Pease, Chairman
Professional Services Evaluation Committee

11/01/17 11:06:58
Procurement Division

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

FROM: William J. Joyce, P.E.
Director of Operations

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

SUBJECT: P-12-17 Professional Services for Deerwood Park Boulevard Roadway & Bridge
PWSD114FAIR-06505-PW0814-02

The Engineering Division has negotiated with the consultant selected for Professional Services for Deerwood Park Boulevard Roadway & Bridge, resulting in the attached Scope of Services, Exhibit A and Contract Fee Schedule, Exhibit B. MBE firms to be utilized to meet the 20% Participation Percentage Plan for this contract are detailed on a separate attachment.

Accordingly, this is to recommend that the City of Jacksonville enter into a contract with Waitz & Moye, Inc. for Professional Services for Deerwood Park Boulevard Roadway & Bridge, that includes the attached Scope of Services identified as Exhibit "A" and Fee Schedule identified as Exhibit "B", to provide a lump sum amount for Final Design and Construction Assistance in the amount of $362,914.18 and not to exceed limits for: Surveying and Mapping in the amount of $23,500.00, Subsurface Utility Engineering Services for $6,360.00 and Permit Fees for $2,500.00, with a maximum indebtedness to the City in the amount of $395,274.18 and with an expiration date of Project Completion. All other terms and conditions are as provided in the RFP and the City's standard contract language.

TF/lw

Attachment: Exhibits A & B
MBE Participation

cc: Lori West, Contract Specialist

06

SCOPE OF SERVICES

ENGINEERING SERVICES
FOR
FINAL DESIGN PHASE AND CONSTRUCTION ASSISTANCE
FOR THE
DEERWOOD PARK BOULEVARD ROADWAY AND BRIDGE PROJECT
P-12-17
October 13, 2017
WMI #2017-019-000

1. SCOPE OF PROJECT

The intent of this project is to prepare bid document services for roadway and bridge construction on Deerwood Park Boulevard. The services will include but not be limited to design services, plans preparation, specifications preparation, permitting, utility coordination, agency coordination, meetings, and all other necessary services to prepare bid documents for the City to award a contract.

The Consultant shall perform roadway engineering services required to complete a Final Design Phase and a Construction Assistance phase. Separate Notice to Proceeds will be issued for each phase. No work shall commence until the Consultant has received the Notice to Proceed for that phase.

Limits of Project: The limits of the project are from approximately 625 feet South of Centurion Boulevard North to the entrance of the Duval County Public Library; approximately2000 feet.

Project Description: The roadway and infrastructure improvements shall include two additional eastbound travel lanes on Deerwood Park Boulevard with the addition of new dual lane bridge. The existing two-lane, two-way bridge will become two westbound through lanes.

The proposed typical section is a divided urban roadway with raised medians or traffic separators located within existing City right-of-way in conformance with the master roadway plan for Deerwood Park Boulevard.

It is the intent that storm water treatment be accommodated in the existing storm water treatment system that was permitted and constructed based the master roadway plan. Drainage improvements will be processed through the St. Johns River Water Management District for compliance with the master permit.

2. FINAL DESIGN PHASE

The intent of this project is to prepare bid document services for roadway and bridge construction on Deerwood Park Boulevard.

The Consultant's services will result in all drawings, specifications, permits, and other documents needed for the City adjust utilities, seek bids, and contract for construction of the project. Fees for these services shall be competitive and reasonable costs considering the Scope of Services. No work shall begin on the final design phase until a separate "Notice to Proceed" is issued for said work.

The CONSULTANT shall provide professional engineering services to:

- Review access management of existing driveways
- Prepare final plans, specifications and bid documents

Access Management: The CONSULTANT shall investigate median openings, transitions, and turn lane lengths within the project limits considering right-of way constraints, master plan, existing driveway locations, existing drainage system, and existing utilities.

Engineering Analysis and Design: The CONSULTANT shall design the geometrics and roadway elements using the design standards that are most appropriate with proper consideration given to existing traffic volumes, design speed, capacity and levels of service, existing and future adjacent land use, design consistency and driver expectancy, aesthetics, pedestrian and bicycle concerns, ADA requirements, master plans, and scope of work.

The CONSULTANT shall design the roadway drainage system, and erosion control measures using the City design standards, specifications and Land Development Procedures Manual.

The CONSULTANT shall design the signing, pavement marking, and traffic control plans in accordance with the applicable City design standards and specifications in addition to the current MIUTCD, and FDOT design standards and specifications.

The CONSULTANT shall design the roadway lighting utilizing JEA materials and lighting standards. The lighting system for the new section of roadway and bridge will aesthetically match and supplement the existing roadway lighting. JEA will be coordinated with in regards to connecting to the existing lighting circuits and / or providing new electric services. The lighting and photometrics shall be designed in accordance with the roadway lighting requirements set forth in the City of Jacksonville Land Development Procedures Manual.

The CONSULTANT shall design the new bridge span in accordance with the current AASHTO LFRD Bridge Design Specifications.

Final Bid Documents: The CONSULTANT shall prepare a set of plans, specifications and other documents necessary for the City to contract the project for construction. The final Bid Documents are to include:

- Roadway Plans
- Drainage Plans
- Signing and Pavement Marking Plans
- Lighting Plans
- Traffic Control Plans
- Erosion Control Plans
- Utility Adjustment Plans
- Structural Plans
- Specifications
- Engineer's Cost Estimate

Controls and Design Survey: The CONSULTANT shall utilize master plans, as built drawings and existing design surveys to the maximum extent for analysis, design and plans preparation. Supplemental control and survey will be acquired as necessary.

Project Requirements and Provisions for Work

Project Schedule: Within ten (10) days after the Notice-To-Proceed, the Consultant shall provide a schedule of calendar deadlines. The schedule shall be prepared in a format prescribed by the City's Program Manager. Four (4) weeks for 60% and 90%, and 100% review will be incorporated into the schedule.

PHASE REVIEW DOCUMENTS

Design Plans:	11" x 17" Plans	8.5X11 Specifications
60% Plans	3 sets	1 set
90% Plans	3 sets	1 set
100% Plans	3 sets	1 set
Final Bid Plans	2 sets	1 set

Note: The Consultant shall contact the City's Program Manager prior to making a submission to verify the number of copies to submit.

One draft copy of the required supporting documents (reports, design calculations, letters, memos, etc.) will be submitted with each review submittal. All electronic files shall be submitted with the record set of plans (plans files shall be convertible to MicroStation and documentation shall be convertible to Microsoft Word or Excel).

Phase Submittal Requirements

1. Phase submittals will be 60%, 90%, 100%, and Final Bid Plans. The intent of the 60% submittal is have the roadway, drainage, traffic control, and utility design essentially complete.
2. After each submittal is reviewed, review comments will be forwarded to the Consultant to address. Depending on the number and nature of the comments, a review meeting may be held to resolve and questions or concerns the Consultant may have. A written response indicating the disposition of each comment will be required within two (2) weeks after all comments are received by the Consultant.
3. After the 60% review comments are resolved, a permit package will be prepared for submission to SJWMD/COE. This package will include all documentation, calculations, plans, and details necessary for review by the regulatory agencies. If wetland mitigation is anticipated, credits will be requested from the City's Mitigation Bank when the final ratio and amounts are determined. The Consultant will prepare the request and submit to the City's Project Manager for processing.
4. The plans and appropriate design reports will be submitted for a 10-set review through the City Development Management Group approval concurrently with the 90% plan submittal. Any comments received through this review will be forwarded to the City's Project Manager. Any changes due to the 10-set review and approval will be implemented into the 100% plans.
5. Tabulation of quantities will only be presented in the bid proposal and not in the plans. If additional information beyond bid quantities is needed for a particular item, it will be tabulated in the Special Conditions of the Specifications Package.
6. Cost Estimate: The Consultant shall be responsible for preparing a cost estimate for the City's project manager review. A detailed cost estimate shall be prepared at the 60%, 90%, 100% and Final Bid Plans phases.

Compensation
Waitz and Moye, Inc. proposes to perform the Final Design Phase work as detailed in the attached Estimate of Work Effort:
Lump Sum Price: $ 362,914.18
Reimbursable Fee: $ 32,360.00

3. CONSTRUCTION ASSISTANCE PHASE

The Consultant shall provide construction assistance. These services may include plan updates; shop drawing review and other post design services. The construction assistance phase fees will be negotiated after the final design phase is complete. No work shall begin on the construction assistance phase until the Pre-Construction Conference is held and a separate Notice to Proceed is issued for said work.

4. NOTICE TO PROCEED

No work on this project shall be performed until a contract has been executed and a Notice to Proceed is issued which specifically authorizes such work.

PART I - GENERAL

1. Project: COJ - West Maintenance Area Deerwood Parkway Blvd. Roadway and Bridge Project	**2. Project Number** 2017-019-000
3. Name of Consultant: Waitz & Moye, Inc.	**4. Date** 10/10/2017

PART II - LABOR RELATED COSTS

5. Labor @ Contract Rates	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	$ 72.12	192	$ 13,847.04	
Project Manager	$ 52.88	291	$ 15,388.08	
Design Engineer	$ 36.06	968	$ 34,906.08	
Designer / Technician	$ 36.06	0	$ 0.00	
CADD Operator	$ 30.25	430	$ 13,007.50	
Field Inspector	$ 23.00	0	$ 0.00	
Clerical	$ 17.50	56	$ 980.00	
TOTAL DIRECT LABOR	40.3349	1937		$ 78,128.70
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate 150.283 % x Total Direct Labor				
7. SUBTOTAL: Labor + Overhead				$195,542.85
8. PROFIT: Labor Related Costs (Item 7) 10% x				$ 215,097.14

PART III - OTHER COSTS

9. Miscellaneous Direct Costs				
Transportation	100	$ 0.44	$ 44.32	
Original Reproducibles	0	$ 0.11	$ 0.00	
Reproduction	632	$ 0.22	$ 136.42	
Shipping/Courier	16	$ 14.00	$ 224.00	
Other (roundoff)	1	$ 0.14	$ 0.14	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				$ 404.88
10. SUBCONTRACTS (Lump Sum)				
Morales Consulting Engineers - Structural Bridge Design			$ $133,400.88	
Peacock Consulting Group - Wetland Assessment and Permitting			$6,116.00	
Meskel & Associates Engineering -Geotechnical			$7,895.28	
SUBCONTRACT SUB-TOTAL				$ 147,412.16
TOTAL AMOUNT (Items 5, 6, 8, 9 and 10)				$ 362,914.18
11. REIMBURSABLE COSTS (Limiting Amount)				
Durden Surveying and Mapping, Inc.			$23,500.00	
DRMP -Subsurface Utility Engineering Services			$6,360.00	
Permit Fee Allowance			2,500.00	
SUBTOTAL REIMBURSABLES				$ 32,360.00

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Items 5, 6, 8, 9, 10 and 11)	**$ 395,274.18**

PART I - GENERAL	
1. Project: COJ - West Maintenance Area Deerwood Park Blvd. Roadway and Bridge Project	**2. Project Number**
3. Name of Consultant: Morales Consulting Engineers, Inc.	**4. Date** 9/20/2017

PART II - LABOR RELATED COSTS				
5. Labor @ Contract Rates	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Project Manager	$ 54.55	86	$ 4,691.30	
Design Engineer	$ 60.00	692	$ 41,520.00	
Senior Engineering Tech.	$ 29.09	79	$ 2,298.11	
Technician / CADD	$ -	0	$ 0.00	
Clerical	$ -	0	$ 0.00	
TOTAL DIRECT LABOR	56.60	857		$ 48,509.41
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate 150 % x Total Direct Labor				
7. SUBTOTAL: Labor + Overhead				$121,273.53
8. PROFIT: Labor Related Costs (Item 7) 10% x				$ 133,400.88

PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation	0	$ -	$ 0.00	
Original Reproducibles	0	$ -	$ 0.00	
Reproduction	0	$ -	$ 0.00	
Shipping/Courier	0	$ -	$ 0.00	
Other (roundoff)	0	$ -	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				$ -
10. SUBCONTRACTS (Lump Sum)				
SUBCONTRACT SUB-TOTAL				$ -
TOTAL AMOUNT (Items 5, 6, 8, 9 and 10)				$ 133,400.88
11. REIMBURSABLE COSTS (Limiting Amount)				
SUBTOTAL REIMBURSABLES				$ -

PART IV - SUMMARY	
TOTAL AMOUNT OF CONTRACT (Items 5, 6, 8, 9, 10 and 11)	**$ 133,400.88**

Project Activity 3: General Tasks

Estimator:

Deerwood Park Boulevard
P-12-17

Representing	Print Name	Signature / Date
COJ		
Morales Consulting Engineers	**Ed Morales**	

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.3	Specifications Package Preparation	LS	1	8	8	
3.6	Prime Consultant Project Manager Meetings	LS	1	24	24	See listing below
3.9	Digital Delivery	LS	1	8	8	
	3. Project Common and Project General Tasks Total				**40**	

3.6 - List of Project Manager Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments
Structures	EA	6	4	24	
Total Project Manager Meetings		6		24	

Project Activity 9: Structures Summary and Miscellaneous Tasks and Drawings

Estimator:

Deerwood Park Boulevard
P-12-17

Representing	Print Name	Signature / Date
COJ		
Morales Consulting Engineers	Ed Morales	

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	Design and Production Staffhours				Comments
			No. of Units	Hours per Unit	No. of Sheets	Total	
	General Drawings						
9.1	Key Sheet and Index of Drawings	Sheet	1	4	1	4	
9.3	General Notes and Bid Item Notes	Sheet	1	16	1	16	
9.5	Incorporate Report of Core Borings	Sheet	1	1	1	1	
9.6	Existing Bridge Plans	LS	1	4		4	
9.7	Assemble Plan Summary Boxes and Quantities	LS	1	16		16	
9.8	Cost Estimate	LS	1	8		8	
	Structures - Summary and Miscellaneous Tasks and Drawings Subtotal				3	49	

Task No.	Task	Total	Task 10	Task 11	Task 12	Task 13	Task 18
10-16	Bridge 1	548	138	0	410	0	
18	Miscellaneous Structures	70					70
	Structures Technical Subtotal	618	138	0	410	0	70

Task No.	Task	Units	No. of Units	Hours per Unit	Total	Comments
9.10	Field Reviews	LS	1	4	4	
9.11	Technical Meetings	LS	1	16	16	Meetings are listed below
9.12	Quality Assurance/Quality Control	LS	%	10%	67	
9.14	Supervision	LS	%	7%	47	
	Structures Nontechnical Subtotal				134	
9.15	Coordination	LS	1	16	16	
	9. Structures - Summary and Miscellaneous Tasks and Drawings Nontechnical and Coordination Total				199	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number
BDR Coordination/Review	EA	1	4	4		0
90/100% Comment Review	EA	1	4	4		0
Local Governments (cities, counties)	EA	1	4	4		0
Utility Companies	EA	1	4	4		0
Subtotal Technical Meetings				16		0
Progress Meetings	EA	0	0	0		- -
Total Meetings				16		0
				Carries to 9.11		Carries to Tab 3

Project Activity 10: BDR

Estimator:
Bridge Identifier (Number or Name):

Deerwood Park Boulevard
P-12-17

Representing	Print Name	Signature / Date
COJ		
Morales Consulting Engineers	**Ed Morales**	

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
	General Requirement						
10.1	Bridge Geometry	LS	1	8		8	
	Superstructure Alternatives						
10.4	Short Span Concrete Bridge	EA ALT	2	8		16	
	Foundation & Substructure Alternatives						
10.8	Pier/Bent	EA Type	1	6		6	
10.25	TCP/Staged Construction Requirements	LS	1	16		16	
10.26	Constructibility Requirements	LS	1	8		8	
10.28	Quantity and Cost Estimates	EA ALT	1	8		8	
	Report Preparation						
10.31	Exhibits	EA SHEET	4	12		48	
10.33	Report Preparation	LS	1	20		20	
10.35	BDR Submittal Package	LS	1	4		4	
	10. Structures - Bridge Development Report Total					**138**	

Project Activity 12: Structures- Short Span Concrete

Estimator:
Bridge Identifier (Number or Name):

Deerwood Park Boulevard
P-12-17

Representing	Print Name	Signature / Date
COJ		
Morales Consulting Engineers	Ed Morales	

Task No.	Task	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
	General Layout Design and Plans						
12.1	Overall Bridge Final Geometry	LS	1	4		4	
12.2	Expansion/Contraction Analysis	EA Unit	1	2		2	
12.3	General Plan and Elevation	Sheet	1	36	1	36	
12.4	Construction Staging	Sheet	0	0	0	0	
12.5	Approach Slab Plan and Details	Sheet	1	8	1	8	
12.6	Miscellaneous Details	Sheet	1	24	1	24	
	End Bent Design and Plans						
12.7	End Bent Geometry	EA End Bent	1	16		16	
12.8	End Bent Structural Design	EA Design	1	24		24	
12.9	End Bent Plan and Elevation	Sheet	1	16	1	16	
12.10	End Bent Details	Sheet	1	12	1	12	
	Intermediate Bent Design and Plans						
12.11	Bent Geometry	EA Bent	1	12		12	
12.12	Bent Stability Analysis	EA Analysis	1	12		12	
12.13	Bent Structural Design	EA Design	1	16		16	
12.14	Bent Plan and Elevation	Sheet	2	12	2	24	
12.15	Bent Details	Sheet	2	8	2	16	
	Miscellaneous Substructure Design and Plans						
12.16	Foundation Layout	Sheet	1	24	1	24	
	Miscellaneous Superstructure Design and Plans						
12.17	Finish Grade Elevation Calculation	LS	1	16		16	
12.18	Finish Grade Elevations	Sheet	1	24	1	24	
	Prestressed Slab Unit Bridges						
12.22	Prestressed Slab Unit Design	EA Design	1	16		16	
12.23	Prestressed Slab Unit Layout	Sheet	1	24	1	24	
12.24	Prestressed Slab Unit Details and Schedule	Sheet	1	24	1	24	
12.25	Deck Topping Reinforcing Layout	Sheet	1	12	1	12	
12.26	Superstructure Sections and Details	Sheet	1	20	1	20	
	Reinforcing Bar List						
12.27	Preparation of Reinforcing Bar List	Sheet	1	8	1	8	
	Load Rating						
12.28	Load Ratings	EA Unit	1	20		20	
	12. Structures - Short Span Concrete Bridge Total				**16**	**410**	

Project Activity 18: Miscellaneous Structures

Estimator:

Deerwood Park Boulevard
P-12-17

Representing	Print Name	Signature / Date
COJ		
Morales Consulting Engineers	**Ed Morales**	

NOTE: Signature Block is optional, per District preference

Task No.	Task	Unit	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
	Bridge Inspection						
18.28	Review of existing Reports	LS	1	26		26	
18.29	Field Inspection	LS	1	20		20	
18.30	Development of Recommended repairs	LS	1	24		24	
				18. Structures - Miscellaneous Total	**0**	**70**	

PEACOCK CONSULTING GROUP, LLC

Helping developers and landowners
solve environmental issues

Ph: (904) 268-1766 • Fax: (904) 268-1729 • peacockconsultinggroup@yahoo.com • 12058 San Jose Boulevard, Suite 604 • Jacksonville, FL 32223

October 8, 2017

Mr. John Moye
Waitz & Moye, Inc.
3738 Southside Boulevard, Suite 101
Jacksonville, FL 32216

RE: proposal for environmental consulting
Deerwood Park Boulevard Widening
Jacksonville, Florida

Dear Mr. Moye:

Thank you for calling Peacock Consulting Group, LLC. This proposal follows our recent telephone conversation about the above-referenced project in Jacksonville, Florida. A section of Deerwood Park Boulevard is proposed to be widened, starting at the intersection of Centurion Parkway North and extending approximately 800 feet to the east. This section of road crosses a channelized section of Second Puncheon Branch. The scope of work we discussed is outlined below along with projected costs.

Task 1	Wetland Delineation	$500

Peacock Consulting Group, LLC will flag the limits of wetlands and other surface waters within the project limits. A flagging key map will be provided for use by the project surveyor.

Task 2	Agency Field Reviews	$250/review, $500 total

Peacock Consulting Group, LLC will schedule field reviews of the flagged wetlands with the St. Johns River Water Management District (SJRWMD) and the U.S. Army Corps of Engineers (Corps).

Task 3	Agency Office Meetings	$250/meeting, $500 total

Peacock Consulting Group, LLC will attend meetings at the offices of SJRWMD and the Corps as needed.

Task 4	SJRWMD Permitting	$2,000

Peacock Consulting Group, LLC will assist the client with preparation and submittal of the permit application package for an Environmental Resource Permit (ERP). Work on Task 4 will include preparation of an environmental narrative, wetland permit drawings, impact tables, assessment of impacts using the Uniform Mitigation Assessment Methodology (UMAM), etc.

Task 5 Corps Permitting $2,000

Peacock Consulting Group, LLC will prepare and submit a permit application package to the Corps. Work on Task 5 will include preparation of an environmental narrative, wetland permit drawings, impact tables, assessment of impacts using the Uniform Mitigation Assessment Methodology (UMAM), etc.

Task 6 Additional Meetings/Consultation $120/hour, $616 estimate

Peacock Consulting Group, LLC will attend additional meetings and provide additional environmental consulting services not specifically addressed in Tasks 1 through 5. Work on Task 6 will occur only at the direction of the client and will be invoiced at a billing rate of $120/hour.

Thank you for the opportunity to provide a quote on this project. If this proposal meets with your approval, please sign the attached Agreement and return to me by email, fax or mail. If you have any questions or comments concerning this matter, please call me at (904) 591-8274.

Sincerely,

PEACOCK CONSULTING GROUP, LLC

Byron E. Peacock

Byron Peacock
President, LLC Member

AGREEMENT

Proposal for Environmental Consulting Services
Deerwood Park Boulevard Widening
Jacksonville, Duval County, Florida

Invoicing and Payment Schedule

Peacock Consulting Group, LLC (PCG) will invoice for work completed on the following tasks:

Task 1	Wetland Delineation	$500
Task 2	Agency Field Reviews	$250/review, $500 total
Task 3	Agency Office Meetings	$250/meeting, $500 total
Task 4	SJRWMD Permitting	$2,000
Task 5	Corps Permitting	$2,000
Task 6	Additional Meetings/Consultation	$120/hour, $616 estimate

Separate invoices will be prepared at the end of each month as each phase of work is completed. Payment is due within 10 days of the invoice. PCG reserves the right to charge late invoices at a rate of 1-1/2% per month beyond 30 days. PCG reserves the right to add reasonable attorney's fees and collection fees if either an attorney or collection agency is used to secure payment for any outstanding invoices. Any conflicts between the parties to this agreement shall be settled by binding arbitration under the rules of the American Arbitration Association in the jurisdiction of Duval County, Florida.

This agreement serves as the requirement for a written contract needed for you, as the client, to be covered automatically by our insurance carrier. Our current Professional Liability/General Liability policy includes endorsement form ML1081 that provides coverage to all our clients for "Additional Insured status for ongoing operations". This agreement further serves as acceptance by you that our carrier will not be providing completed operations additional insured & primary and non-contributory endorsements. We do not have any exposure with our General Liability coverage for such completed operations as we do not perform construction services, nor do we work with hazardous wastes. Our services are limited to consulting for wetlands, endangered/threatened species, tree ordinance inventories and/or mitigation planning/monitoring.

Authorization to Proceed

If you are in agreement with the proposed scope of work and payment schedule, please return a signed copy of the cost estimate and retain a copy for your records. Upon receipt of this authorization to proceed, PCG will begin work. This document constitutes a legal contract under the laws of the State of Florida. The undersigned parties have reviewed this document and agree to the scope of work to be provided and the terms of the contract.

DATE: 10/8/17

Peacock Consulting Group, LLC

Byron E. Peacock

Byron Peacock
President, LLC Member

DATE:

Waitz & Moye, Inc.

John Moye
President

PART I - GENERAL	
1. Project: Deerwood Park Boulevard	**2. Project Number**
3. Name of Consultant Peacock Consulting Group, LLC	**4. Date** 10/9/2017

PART II - LABOR RELATED COSTS

5. Labor @ Contract Rates	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Senior Project Manager/Principal	$120.00	5	$ 600.00	
Project Manager	$79.96	10	$ 799.60	
Graphics	$54.96	15	$ 824.40	
Technician/CADD	$ -	0	$ 0.00	
Clerical	$ -	0	$ 0.00	
TOTAL DIRECT LABOR	$ 74.13	30		$ 2,224
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	150 % x Total Direct Labor			
7. SUBTOTAL: Labor + Overhead				$5,560.00
8. PROFIT: Labor Related Costs (Item 7)		10		$ 6,116.00

PART III - OTHER COSTS

9. Miscellaneous Direct Costs		
Transportation	$ 0.00	
Original Reproducibles	$ 0.00	
Reproduction	$ 0.00	
Shipping	$ 0.00	
Other	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$ -
10. SUBCONTRACTS (Lump Sum)		
Other	$ 0.00	
SUBCONTRACT SUB-TOTAL		$ -
TOTAL AMOUNT (Items 5, 6, 8, 9 and 10)		$ 6,116.00
11. REIMBURSABLE COSTS (Limiting Amount)		
	$ 0.00	
	$ 0.00	
	$ 0.00	
	$ 0.00	
SUBTOTAL REIMBURSABLES		$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Items 5, 6, 8, 9, 10 and 11)	**$ 6,116.00**

Meskel & Associates Engineering
Geotechnical • Environmental • Inspection • Testing

September 5, 2017
Revised: October 4, 2017

Mr. John H. Moye, P.E.
Waitz & Moye
3738 Southside Boulevard, Suite 101
Jacksonville, Florida 32216

Subject: **Revised** Proposal for Geotechnical Exploration and Engineering Services
Deerwood Park Roadway & Bridge Project
Jacksonville, Florida
MAE Proposal No. 005317.1

Dear Mr. Moye:

MESKEL & ASSOCIATES ENGINEERING, LLC (MAE) is pleased to present this proposal to provide the geotechnical exploration and engineering services for the subject project. This proposal has been modified to include an itemized fee breakdown as requested.

We understand that the City of Jacksonville plans to improve the existing 2-lane section of Deerwood Park Boulevard beginning at its intersection with Centurion Parkway and ending east of the existing bridge where the roadway widens to a 4-lane divided section. We understand our work begins at the intersection with Centurion Parkway and ends approximately 400 feet east of the existing bridge. In addition to widening the existing roadway to 4 lanes, we understand that the existing bridge will be widened to 4 lanes, or a second, separate 2-lane bridge will be constructed.

We were provided with an As-Built survey of the Deerwood Park Boulevard water main extension, prepared by R. E. Holland & Associates and dated August 2, 1995. The proposed locations for the roadway and bridge borings were hand-drawn onto this plan. We were also provided with plan sheets prepared by England, Thims & Miller, dated April 18, 1989 that included the design of the present roadway and bridge.

Based on the provided information, we understand that our scope of work will include 2 Standard Penetration Test (SPT) borings for the proposed bridge widening or new bridge structure. One boring will be located on each side of the existing creek on the south side of the existing road. Both borings will be advanced to a depth of 60 feet below the existing ground surface in general accordance with ASTM D-1586. However, the borings will be advanced with continuous sampling to a depth of 15 feet, and additional split-spoon samples will be obtained thereafter at 2.5-foot intervals, in accordance with the latest edition of the FDOT *Soils and Foundation Handbook* for bridge structures. Both borings will be backfilled with soil cuttings following completion.

In addition to the SPT borings, 8 auger borings will be located within the proposed roadway widening. They will be located at approximately 100-foot intervals, south of the existing roadway, as shown on the plan sheet provided. Each boring will be advanced using a hand-held bucket auger to a depth of 6 feet below the existing ground surface. It should be noted that the groundwater table may not be encountered within the 6-foot boring depth. In these instances, the boring will be advanced until the groundwater table is encountered, unless otherwise instructed. Each boring will be backfilled with soil cuttings upon completion.

In accordance with Florida law, we will attempt to locate existing underground utilities at the site by utilizing the Sunshine State One-Call (SSOC) system. Any private utilities not included in the SSOC system will need to be located by the Owner. We will take all reasonable precautions to prevent damage to property and will reasonably restore the site to the condition existing prior to the start of our fieldwork.

The recovered soil samples will be described in the field by the field crew. The field logs and samples will be delivered to our laboratory where the logs will be reviewed and the samples classified by a geotechnical engineer. Laboratory classification and index property tests will be performed as necessary on selected soil

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

samples to confirm the soil classification and provide engineering characteristics to estimate compressibility. In addition, one aggregate soil sample from the bridge borings will be tested for soil corrosion properties (soil pH, resistivity, chlorides and sulfates) to determine the Environmental Classification of the encountered soils.

A geotechnical engineer, licensed in the State of Florida, will direct the geotechnical exploration and provide an engineering evaluation of the subsurface conditions encountered at the boring locations. The results of the exploration and engineering evaluation will be documented in a report that will include the following:

- Our understanding of the planned construction
- The observed site conditions, such as topography, surface vegetation, etc. as it relates to the anticipated construction
- The field and laboratory test procedures used and the results obtained
- The encountered subsurface conditions, including subsurface profiles, measured groundwater levels, and estimated geotechnical engineering properties, as necessary
- A geotechnical engineering evaluation of the site and subsurface conditions with respect to the anticipated construction
- Recommendations for deep foundation (driven pile) design parameters for the proposed bridge, including our estimate of the performance of the foundation system
- Recommendations for pavement design for the roadway widening, and
- Recommendations for testing required during site preparation and earthwork construction

Based on the scope of the services outlined above, we propose to complete our work for a Not-To-Exceed fee of **$7,900.00**. An itemization of this fee is attached to this proposal. This fee includes submittal of an electronic copy of the report. Bound, paper copies can be provided at an additional cost of $50 per copy. We will contact you immediately if we encounter subsurface conditions that could require the borings to be advanced to deeper depths, and/or if additional engineering analysis/evaluation outside the scope of this proposal is necessary.

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.

Once authorization is received, a utility locate request will be submitted. Utility locates will typically take 48 hours to complete after the request is made. We will mobilize to the site within one week once the utilities have been located and marked the field. We expect the field work to take approximately 3 days to complete. Laboratory testing will take up to 5 days depending on the amount of lab testing assigned. Our engineering analysis and report preparation will take 3 weeks to complete once the field and lab testing programs are complete.

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, LLC

P. Rodney Mank, P.E.
Principal Engineer

Distribution: Mr. John H. Moye, P.E.- Waitz & Moye 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 Services
Deerwood Park Roadway & Bridge Project
Jacksonville, Florida
MAE Proposal No. 005317.1

Billing Information:

Company Name: _____

Attention: _____
Company Address: _____

Phone No.: _____ Email: _____

Project Contact Name:
(if different than above) _____

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

1. _____

_____

No. of Reports Required: _____

2. _____

_____

No. of Reports Required: _____

NOTE: Our fee includes submittal of an electronic copy for each report. If bound paper copies are requested, the client will be charged $50 for each additional copy.

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: _____

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

PROPOSAL DOCUMENT GENERAL CONDITIONS

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.

GEOTECHNICAL SERVICES

DEERWOOD PARK BOULEVARD ROADWAY & BRIDGE

MAE PROPOSAL NO. 005317

Item	Quantity	Units	Rate	Total
FIELD TESTING				
Mobilization-Truck Rig & Equipment	1	LS	$ 450.00	$ 450.00
SPT Borings - 0-30 ft.	60	LF	$ 11.00	$ 660.00
SPT Borings - 30-50 ft.	40	LF	$ 12.00	$ 480.00
SPT Borings - 50-100 ft.	20	LF	$ 14.00	$ 280.00
Extra Split Spoons - 0-50 feet	18	Ea.	$ 26.00	$ 468.00
Extra Split Spoons - 50-100 feet	4	Ea.	$ 30.00	$ 120.00
Hand Auger Borings	48	LF	$ 8.75	$ 420.00
Boring/MOT Layout, Measure Creek Bc	4	Hr.	$ 165.00	$ 660.00
MOT-Signs, Cones	3	DAY	$ 25.00	$ 75.00
LAB TESTING				
Natural Mosture Content	9	Ea.	$ 10.00	$ 90.00
Percent Fines	9	Ea.	$ 35.00	$ 315.00
Soil Corrosion Series	1	Ea.	$ 185.00	$ 185.00
Atterberg Limits	0	Ea.	$ 80.00	$ -
Organic Content	0	Ea.	$ 40.00	$ -
			MAE FIELD & LAB TESTING:	**$ 4,203.00**
Project Manager	0	Hr.	$ 145.44	$ -
Senior Project Engineer	7	Hr.	$ 123.63	$ 865.42
Engineering Intern	23	Hr.	$ 86.21	$ 1,982.89
CADD Technician	7	Hr.	$ 60.50	$ 423.50
Senior Engineering Technician	4	Hr.	$ 66.55	$ 266.20
Secretary/Clerical	3	Hr.	$ 51.43	$ 154.28
			ENGINEERING ESTIMATED FEE:	**$ 3,692.28**
			TOTAL ESTIMATED FEE:	**$ 7,895.28**

MAE

Meskel & Associates Engineering

GEOTECHNICAL SERVICES

DEERWOOD PARK BOULEVARD ROADWAY & BRIDGE

MAE PROPOSAL NO. 005317

Position	Labor Rate	OH 175.00%	Labor + OH	Profit 10%	BILLABLE RATE
Project Manager	$48.08	$84.14	$132.22	$13.22	$145.44
Sr. Project Engineer	$40.87	$71.52	$112.39	$11.24	$123.63
Staff Engineer	$28.50	$49.88	$78.38	$7.84	$86.21
CAD Operator	$20.00	$35.00	$55.00	$5.50	$60.50
Clerical	$17.00	$29.75	$46.75	$4.68	$51.43
Senior Technician	$22.00	$38.50	$60.50	$6.05	$66.55

MAE

Meskel & Associates Engineering

DURDEN
Surveying and Mapping, Inc.
1825-B 3rd Street North
Jacksonville Beach, FL 32250
(904) 853-6822
Fax (904) 853-6825
E-mail: hbdurdenjr@aol.com

Waitz & Moye
Attention: John Moye
3738 Southside Boulevard
Jacksonville Florida 32216

August 28, 2017

Re: Deerwood Park Boulevard Topographic Tree & Route Survey
Duval County, Florida.

Mr. John Moye,

At your request, I have prepared this proposal for Professional Land Surveying Services to prepare a Topographic Survey, Tree and Route Survey of a part of the Right of Way of Deerwood Park Boulevard. The scope area will be within said Right of Way of Deerwood Park Boulevard ("westerly limit") beginning with a full detail of the Intersection of Deerwood Park Boulevard and Centurion Parkway North extending approximately 100 feet southwest from said intersection. The Route would continue east approximately 1500 feet to the approximate East Property line of the Jacksonville Public Library located @ 10599 Deerwood Park Boulevard ("east limit").

The scope of work will be to tie into adjoining boundaries along the right of way in order to establish enough adequate control to produce the right of way within our specified route. We will be showing all above ground improvements within said route as well as well as some partial extensions into properties for enough to properly illustrate any significant improvements along the route. The topographic survey will include the full right of way showing the topographic features as well as any obvious or marked utilities that serve the adjacent subject properties. The cross-sections along will extend across said Right of Way every 100 feet and of course there will be extra details in areas such as the ditch crossing and a small portion of the pond near the intersection@ Centurion Parkway North.

(Continued)

We will locate and measure trees and describe to the best of our ability, but will not be showing scientific specie names on our survey. We do have a certified arborist available that we can hire if you would like, but I do not think it will, be necessary in this particular instance. Your client will be responsible for calling the 811 marking service since the 811 service will no longer flag utilities for engineering/surveying for design. I am hoping since this is a "public" project that maybe they can get everything flagged before the project is started.

All elevations will be on NAVD Datum of 1988 and we will provide Florida State Plane Coordinates on multiple control points along the route, as well. Benchmarks will set at least every 500 feet along the project to be used during construction and after for as-built purposes.

We can complete the entire scope for a lump sum fee of $23,500.00 and can complete the survey within 30 business days of your notice to proceed (weather permitting), depending on when the survey is ordered and due to our constantly varying backlog.

I/ we appreciate this opportunity to be of service to you and look forward to chance of working with you. Please feel free to call if you have any questions, comments or suggestions that may help this project go smoothly.

Thank You Very Much

H. Bruce Durden Jr.

H. Bruce Durden Jr., PLS # 4707

PART I - GENERAL	
1. Project: COJ - West Maintenance Area Deerwood Park Blvd. Roadway and Bridge Project	**2. Project Number**
3. Name of Consultant: Durden Surveying & Mapping, Inc.	**4. Date** 10/9/2017

PART II - LABOR RELATED COSTS

5. Labor @ Contract Rates	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Proffessional Land Surveyor	$ 54.55	12	$ 654.55	
Field Surveyor	$ 54.55	104	$ 5,672.73	
Technician / CADD	$ 27.27	80	$ 2,181.82	
Clerical	$ 18.18	2	$ 36.36	
TOTAL DIRECT LABOR	43.16	198		$ 8,545.45
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate	150 % x Total Direct Labor			
7. SUBTOTAL: Labor + Overhead				$21,363.64
8. PROFIT: Labor Related Costs (Item 7)	10%	x		$ 23,500.00

PART III - OTHER COSTS

9. Miscellaneous Direct Costs				
Transportation	0	$ -	$ 0.00	
Original Reproducibles	0	$ -	$ 0.00	
Reproduction	0	$ -	$ 0.00	
Shipping/Courier	0	$ -	$ 0.00	
Other (roundoff)	0	$ -	$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				$ -
10. SUBCONTRACTS (Lump Sum)				
SUBCONTRACT SUB-TOTAL				$ -
TOTAL AMOUNT (Items 5, 6, 8, 9 and 10)				$ 23,500.00
11. REIMBURSABLE COSTS (Limiting Amount)				
SUBTOTAL REIMBURSABLES				$ -

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Items 5, 6, 8, 9, 10 and 11)	**$ 23,500.00**

DRMP, INC.

Principals
Wayne D. Chalifoux
Donaldson K. Barton, Jr.
Lucius J. Cushman, Jr.
Glenn J. Lusink
Jon S. Meadows
Mark D. Prochak
Mark E. Puckett
Lawrence L. Smith, Jr.
William T. Stone

DRMP
ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS

September 20, 2017

SENT VIA E-MAIL

Griffith Brown, P.E.
Waitz & Moye, Inc.
3738 Southside Boulevard, Suite 101
Jacksonville, FL 32216

Subject: **Subsurface Utility Engineering Services, COJ Deerwood Park Blvd Roadway and Bridge Project, Jacksonville, Florida**

Dear Mr. Brown:

DRMP, Inc. (DRMP) is pleased to submit the following proposal for Subsurface Utility Engineering Services on the above subject project.

The following is our proposal:

SCOPE OF SERVICES

SUBSURFACE UTILITY TEST HOLES (VVHs)

DRMP will perform test hole(s) (VVHs) to determine the horizontal and vertical location of existing utilities. VVH locations to be determine by Waitz and Moye and provided to DRMP prior to beginning of soft dig efforts. Our staff will coordinate this effort with the engineering Project Manager before the commencement of this work effort, if needed. Before commencing this effort, DRMP will mobilize a Designate Crew to perform Quality Level B investigation in the areas to have VVHs performed to narrow down the location of the utilities of interest. All efforts will be performed in accordance with the Underground Facility Damage Prevention and Safety Act, Chapter 556, Florida Statutes. All work shall conform to CI/ASCE 38 -02 utilizing quality level A.

Deliverables will be a detailed report utilizing a subsurface utility form to describe the utilities and provide detailed information as to the size, type, material, owner (if known) and the depth from an iron pin marking the utility location at the surface. DRMP will provide reference ties to existing features in lieu of surveyed locations.

SCHEDULE

DRMP will complete the work within 6 weeks of your executed Notice to Proceed (NTP). Proposed fee and schedule shown hereon is valid for up to 45 days.

8001 Belfort Parkway
Suite 200
Jacksonville, Florida 32256
Phone: 904.641.0123
Fax: 904.641.8858

Boca Raton, Florida
Charlotte, North Carolina
Chipley, Florida
Gainesville, Florida
Lakeland, Florida
Melbourne, Florida
Orlando, Florida
Panama City, Florida
Pensacola, Florida
Raleigh, North Carolina
Tallahassee, Florida
Tampa, Florida

1.800 375.3767
www.drmp.com

COMPENSATION SUMMARY AND TERMS

The following summarizes the fees and billing terms as proposed by DRMP for the Scope of Services as presented herein. Please note billing terms for direct expenses. All additional meetings as requested by the Client will be invoiced hourly.

Item Description	Rate	Quantity	Fee
Sue Supervisor / Research	$132.22 per hour	5	$ 661.10
2-Man SUE Designate Crew	$140.00 per hour	9	$ 1260.00
Test Holes Hard**	$550.00 per hole**	5	$ 2,750.00*
Test Holes Soft	$350.00 per hole	5	$ 1,750.00
		Limiting Amount Total	**$ 6,360.00**

**This fee is the subject to additional fees such as Maintenance of Traffic, Permitting, special requirements by City of Jacksonville to perform VVHs, etc.

If Waitz & Moye, Inc. desires to change or expand upon these proposed services, an additional fee shall be negotiated. This renegotiation shall be accomplished prior to commencing the additional work, and may be necessary for any services which are not a part of this contract.

It may be necessary for the Project Manager to call the client to receive verification and authorization for Extra Costs stated above in the preceding paragraph, and may further require the client to sign an Additional Work Authorization Form for any out-of-scope requests.

We sincerely appreciate this opportunity to provide professional services for this project. Space has been provided for your acceptance of this proposal. Your signature will constitute a contract between us for the work, methods of compensation, etc. as specified herein. If you are in agreement, please sign and return two proposals to our office, we will then sign and return one to you. If you have any questions regarding this proposal, please contact our office.

Sincerely,
DRMP, Inc.

9/20/17

Randy L. Tompkins, PSM — Date
Project Manager

Glenn J. Lusink, PSM — Date
Principal

Accepted by:
Waitz & Moye, Inc.

Authorized Signature — Date

Witness signature — Date

Print Name: _____

Print Name: _____

Title: _____

Title: _____

DRMP, INC.

CITY OF JACKSONILLE
Other Direct Project Costs per Unit

Subsurface Utility Engineering (Hourly Rates)

2-Man Utility Designate/Locate Crew	$140.00
3-Man Vacuum Excavation SUE Crew	$205.00
4-Man Vacuum Excavation SUE Crew	$240.00
SUE Project Manager	$135.00

Subsurface Utility Engineering (Replacement Materials)

Bag of Concrete	$5.00 each
Bag of Asphalt	$14.00 each

Maintenance of Traffic (MOT) if required

Lane Closures	$450 (Per Setup)
Equipment Rental	$200 (Equipment)

FEE SCHEDULE

Exhibit B

SCHEDULE OF PROPOSED RATES
FOR
MISCELLANEOUS SURVEYING SERVICES ANNUAL CONTRACT
FOR CITY OF JACKSONVILLE

(For information only. Rates to be submitted after selection of consultant)

PERSONNEL COST (DIRECT LABOR RATES)

1. Average hourly direct labor rates (without Fringe Benefits)

Principal (Partner or Senior Officer)	$ 60.58 hr.
Project Manager (Responsible Professional)	$ 48.08 hr.
Technician (Non-Registered)	$ 36.06 hr.
Party Chief	$ 26.63 hr.
Instrumentman	$ 15.88 hr.
Rodman	$ 12.83 hr.
Drafter or CADD Operator	$ 30.43 hr.
Field Supervisor	$ 36.06 hr.
Clerical (Typist, Word Processor, Document Assembly, etc.)	$ 22.54 hr.

2. Total Overhead Rate (to be applied to Direct Labor: 150% maximum)
   150.00 %

3. Profit Rate (to be applied to Direct Labor plus overhead: 10% maximum)
   10.00 %

4. Other Direct Project Costs per Unit (please specify)
   Please see attached

5. Estimated percentage of total fee to be performed by subconsultants
   20.00 %

6. Please provide any other relevant rates that may apply to this project including average direct hourly labor rates for other categories of proposed personnel

DEPARTMENT OF PUBLIC WORKS

Jacksonville
Where Florida Begins.

MINORITY PARTICIPATION
Attachment to Fee & Contract Negotiations or Contract Amendment

Title: DEERWOOD PARK BOULEVARD ROADWAY AND BRIDGE PROJECT
Project No.: P-12-17
Date: 10-27-2017

	Company's Name (Minority Subconsultant)	Classification (Minority Status)	Type of Work (Scope of Services)	Dollar Value
1.)	Waitz & Moye, Inc.	WBE/HBE	Roadway Design	$215,502.02
2.)	Morales Consulting Engineers, Inc.	HBE	Structural Design	$133,400.88
3.)	Meskel & Associates Engineering	WBE	Geotechnical	$ 7,895.28
4.)	Peacock Consulting Group, LLC	WBE	Environmental	$6,116.00
5.)				$
6.)				$
7.)				$
8.)				$

Check one:

This is: Original Fee Negotiation X

This is: Contract Amendment No.: _____

Date of this Document: 10-27-2017