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
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ONE CITY. ONE JACKSONVILLE.

July 18, 2019

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

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

FROM: Robin G. Smith, P.E.
Chief, Engineering and Construction Management

R. Duane Kent, P.E.
Public Works Project Manager

SUBJECT: P-45-18 SS#9 Single Source Award- HDR Engineering, Inc.
Program Management Services for "Better Jacksonville" Transportation and Road Widening Projects in the North and West Areas Amendment 1
Internal Services Account # PWEN011
ACCOUNT# PWCP351SD541-06504-PW0382-01 $138,259.39

Through meetings with the Florida Department of Transportation, City Council Members and the neighborhood citizens and businesses preliminary wall design plans have been approved and prepared in support of the Hammond and Ramona Boulevard Perimeter Wall. A final design is now required to complete the plans for bidding and construction. Negotiations with HDR Engineering, Inc. have resulted in the attached Scope of Services, Exhibit E and Fee Summary, Exhibit F to provide these services. The project was bid as encouragement. There is no rate increase with this amendment.

Accordingly, this is to recommend that Contract # 8216-10, originally executed December 17, 2018 between the City of Jacksonville and HDR Engineering, Inc. for Program Management Services for "Better Jacksonville" Transportation and Road Widening Projects in the North and West, be amended to incorporate the attached Scope of Services, Exhibit E, Fee Summary, Exhibit F to increase the not to exceed limit for Program Management Services by $138,259.39 to a new limit of $319,860.25. All other terms and conditions will remain the same.

RGS/lw

Attachments: Exhibits E & F

EXHIBIT E

June 20, 2019

John Pappas, PE
Director of Public Works
City of Jacksonville
214 N. Hogan Street, 10th Floor
Jacksonville, FL 32202

RE: City Contract 8216-10 Amendment No. 1

Dear Mr. Pappas:

Please find attached, Amendment Request No. 1 to provide engineering design services in support of the Hammond and Ramona Blvd project.

It has been determined through meetings with the City of Jacksonville, FDOT, City Council members and church officials that for the continued safety and enhancement of this project preliminary wall design plans have been approved and prepared. A final engineering design effort is required to complete the plans for bidding and construction. This effort will include an engineering survey, utility locates and coordination and final design and specifications for construction.

This amendment is presented as a proposal to add project specific funds for these services and will increase the present value of our contract by $138,259.39.

Attached are the following items:

1. Encumbrance of Funds Summary Sheet (EXH B)

This fee proposal is based on a cost-plus format and the invoiced amounts will be determined using actual hours worked on each project and the audited overhead and hourly rates for each individual staff member working on the project.

We look forward to working with you toward the successful completion of this project. Please contact me at 360-5974 if you have any questions or require additional information.

Sincerely.

George W. McGregor, PE
Principal Program Manager

Carol C. Worsham, V.P.
Managing Principal

CC: Duane Kent
COJ Contract Manager

hdrinc.com

76 S. Laura Street Suite 1600 Jacksonville, FL 32202
T 904 598 8900 **F** 904 598 8988

EXHIBIT F

CONTRACT FEE SUMMARY FOR DEPARTMENT OF PUBLIC WORKS
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL	
1. Project **Ramona Blvd Perimeter Wall Final Design**	2. Contract Number **8216-10**
3. Name of Consultant **HDR Engineering, Inc.**	4. Date of Proposal **6/20/2019** **Amendment No. 1**

PART II - LABOR RELATED COSTS

DIRECT LABOR	Hourly Rate	Estimated Hours	Estimated Cost		TOTAL
Principal	$ 79.00	50		$3,950.00	
Project Manager	$ 60.00	122		$7,320.00	
Project Engineer	$ 42.00	158		$6,636.00	
Project Controls	$ 33.00	16		$528.00	
Clerical	$ 29.00	16		$464.00	
	$ -				
5. TOTAL DIRECT LABOR		362	Hours		$18,898.00
6. OVERHEAD (Combined Fringe Benefit & Administrative) Office Overhead Rate 165% x Total Direct Labor					$31,181.70
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)					$50,079.70
8. PROFIT: Labor Related Costs (Item 7)			x	10%	$5,007.97

PART III - DIRECT COSTS

9. MISCELLANEOUS DIRECT COSTS Reprographics and Copies	$225.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL		$225.00
10. SUB CONTRACTS **CARDNO** - Survey and Utility Coordination	$82,842.32	
SUB-CONTRACT SUB-TOTAL		$82,842.32
TOTAL NOT-TO-EXCEED AMOUNT (Items 5, 6, 8, 9 and 10)		$138,154.99
11. REIMBURSABLE COSTS (Limiting Amount) Travel	104.40	
SUB-TOTAL REIMBURSABLES		$104.40

PART IV - SUMMARY

Proposed Amendment No. 1 - Ramona Blvd Perimeter Wall Final Design	**$138,259.39**
Contract 8216-10 Award	**$181,600.86**
TOTAL REVISED CONTRACT AMOUNT (PARTS I THROUGH IV)	**$319,860.25**

June 7, 2019

Cardno
Shaping the Future

Cardno, Inc.
159 SW Spencer Court
Suite 106
Lake City, FL 32024
USA

Phone 386-755-2626
Fax 386-755-2507

www.cardno.com

ATTN: Mr. George McGregor, PE
HDR
200 West Forsyth Street
Suite 800
Jacksonville, FL 32202

RE: Hammond and Ramona Boulevard Wall, Jacksonville, Florida
Survey, Subsurface Utility Engineering and Utility Coordination Proposal

Dear Mr. McGregor:

Thank you for this opportunity for Cardno, Inc. (Cardno) to present to you this proposal for professional survey, subsurface utility engineering and utility coordination for the above referenced project.

CLIENT OBJECTIVES

It has been requested that a wall be constructed as identified on the plans provided to Cardno by HDR along a portion of Hammond Boulevard and Ramona Boulevard in Jacksonville, Florida. In order to facilitate the design of this wall, a topographic survey to include ASCE Quality Level "B" subsurface utility designating will be required. The survey will be tied to horizontally to Florida State Plane Coordinates and Vertically to NAVD88 datum using existing FDOT control at the intersection of I-10 and Hammond Boulevard. Additionally utility coordination will be needed to help minimize impact to the existing utilities within the limits of the proposed wall construction.

SCOPE OF SERVICES

The surveying, subsurface utility engineering and utility coordination will be performed by Cardno and the description of scope and estimated fees are as follows:

Base Survey:

1. Recover and densify existing horizontal and vertical control throughout the project limits
2. Tie in existing alignment and right of way for Hammond Boulevard and Ramona Boulevard to survey control
3. Field work to provide 3D TOPO/DTM of the survey, limits as follows:
    a. Along the east side of Hammond Blvd. from Canton Dr. going north to 100 feet south of Ramona Blvd. W., from back of curb to 10 feet past the right of way line on the east side of Hammond Boulevard.
    b. Along the south side of Ramona Blvd. going 1,100 feet east of Hammond Blvd., from back of curb to 10 feet past the right of way line on the south side of Ramona Boulevard
4. Provide ASCE Quality Level "B" Designating of subsurface utilities (horizontal marking) of subsurface utility mains with the limits of the 3D TOPO/DTM survey
5. Using Terrestrial LiDAR scan the the overhead power so the vertical profile of the lines can be modeled
6. Reference the project alignment provided by HDR using the survey control established for the project
4. Process of the field survey and ASCE Quality Level "B" subsurface utility designating
5. Provide utility coordination support per FDOT processes and procedures
6. Project management and administration (*schedule, invoicing, reporting, meetings, internal controls)*
7. Deliverables will be a micro station file of the topographic survey in FDOT format

Optional Subsurface Utility Investigation:

1. ASCE Quality Level "A" Locating (VVH Test Holes) to determine vertical location of existing subsurface utilities at select locations identified by the EOR can be provided but ***are not*** included in this proposal at this time. They can be estimated and added for an additional fee once potential conflicts have been identified.

ASSUMPTIONS AND EXCLUSIONS

The scope and fees provided herein are based on assumption of the following:

- HDR will provide the geometry for the alignment to be staked and referenced
- HDR will notify land owners of Cardno's survey of their property (10' beyond the right of way line) prior to Cardno mobilizing to begin the survey
- As noted previously there are no VVH test holes included in this proposal at this time
- All survey work will meet or exceed the minimum Standards of Practice as identified in Chapter 5J-17.052, as adopted by the State of Florida Board of Professional Surveyors and Mappers, pursuant to Section 472.027, Florida Statutes

FEE

Cardno proposes to provide the services outlined above on a Not-to-Exceed basis. Cardno requests that a contract budget be provided in accordance with the attached breakdown with the understanding that the breakdown as invoiced may differ slightly than proposed and proposed breakdown should only be used to establish a budget for Cardno's scoped services. Should unforeseen circumstances arrive that our out of Cardno's control requiring additional compensation, Cardno will notify HDR of these before proceeding with any additional work.

Cardno proposes to provide the services as described for the limiting amount not to exceed fee of **$ 82,842.32**

SCHEDULE

The initial topographic survey field work is anticipated to be performed within three (3) weeks of a fully executed agreement and NTP from HDR. Survey deliverable would be provided to HDR within 4 weeks of NTP. Utility Coordination would continue on through the design process culminating at 100% final design plans.

CLOSING

Cardno looks forward to providing HDR with an excellent product, service and value for this project. We appreciate the opportunity to provide surveying support and serving you on this task and for future services. If you have any questions regarding this proposal, please feel free to contact me to discuss.

Kind Regards,

Daryl Thie, PLS
Senior Principal - UES
Attachments:

Proposal forHammond / Ramona Boulevard Wall - Survey/SUE/UC

EXHIBIT - B

Cardno
Shaping the Future

June 7, 2019

Hammond / Ramona Boulevard
Survey/SUE/UC

MANHOUR AND FEE ESTIMATE

TASK	Contract Rates	Project Manager (Survey) $212.43	Senior Surveyor and Mapper $162.81	Survey Technician $114.66	Secretary / Clerical $80.91	Survey Field Crew $207.74	Utility Designating Field Crew $273.58	Senior Utility Coordinator $132.63	SUE Technician (Senior) $123.02	SUBTOTAL
1 *Project Management_Administration*		3			16					$ 1,931.85
2 *Research*			2						4	$ 817.70
3 *Survey Processing and Calculations*			4	32					16	$ 6,288.68
4 Preperation of Microstation files (Deliverables)			4	8						$ 1,568.52
5 *QA/QC*		1	4	4					5	$ 1,937.41
6 *Field Survey to include ASCE QLB*						90	100	5		$ 46,613.88
7 *Utility Coordination*		8			16			156		$ 23,684.28
	SUBTOTAL	12	14	44	32	90	100	161	25	$82,842.32
LABOR TOTAL		$2,549.16	$2,279.34	$5,045.04	$2,589.12	$18,592.73	$27,358.00	$21,353.43	$3,075.50	$82,842.32
TOTAL DIRECT EXPENSES										$ -
SUBCONSULTANT(s)										$ -
TOTAL										$ 82,842.32