COUNTY AGENDA REQUEST

Department:	Public Works	Presenter(s):	Phil Mallon
Meeting Date:	Thursday, April 23, 2015	Type of Request:	New Business

Wording for the Agenda:

Consideration of staff's request to award Preliminary Engineering Services for the Redwine Road Multi-Use Path (RFP # 930-P) to Heath & Lineback Engineers, Inc., with a maximum allowable cost of $113,980.48, and authorization for the Chairman to sign all relevant documents associated with this request.

Background/History/Details:

This is a federal-aid, design-build project (GDOT PI 0012624 and ARC Project No. FA-352) that will expand the multi-use path system along Redwine Road. The project includes two specific sections: 1) 4,300 feet between Birkdale Drive and Newhaven Drive; and 2) 3,600 feet between Preserve Place and Foreston Place; and at-grade crossings at locations to be determined. The Memorandum of Understanding between Fayette County and the Georgia Department of Transportation was approved by the Board on October 23, 2014.

This scope of work includes tasks for public involvement, concept development, database preparation, environmental documentation, and preliminary plans. GDOT will let the project for design-build upon completion and approval of these tasks.

Phase	FY	Federal	Local	Total
PE	2015	$91,200	$22,800	$114,000
ROW	2016	$100,000	$25,000	$125,000
UTL	2017	$60,800	$15,200	$76,000
CST	2017	$606,400	$151,600	$758,000
Total		$858,400	$214,600	$1,073,000

What action are you seeking from the Board of Commissioners?

Approval of staff's request to award Preliminary Engineering Services for the Redwine Road Multi-Use Path (RFP # 930-P) to Heath & Lineback Engineers, Inc., with a maximum allowable cost of $113,980.48, and authorization for the Chairman to sign all relevant documents associated with this request.

If this item requires funding, please describe:

The project has federal aid per the dollar amounts shown above (typical 80/20 split). Any costs beyond these amounts will be the responsibility of Fayette County. The project is funded through CIP 5220B.

Has this request been considered within the past two years?	No	If so, when?	
Is Audio-Visual Equipment Required for this Request?*	No	Backup Provided with Request?	Yes

* ***All audio-visual material must be submitted to the County Clerk's Office no later than 48 hours prior to the meeting. It is also your department's responsibility to ensure all third-party audio-visual material is submitted at least 48 hours in advance.***

Approved by Finance	Yes	Reviewed by Legal	
Approved by Purchasing	Yes	County Clerk's Approval	Yes
Administrator's Approval			

Staff Notes:

Fayette County
"Where Quality Is a Lifestyle"
Purchasing Department
140 Stonewall Avenue West, Ste 204
Fayetteville, Georgia 30214
Phone: 770-305-5420
www.fayettecountyga.gov

To: Steve Rapson

From: Ted L. Burgess

Date: April 23, 2015

Subject: Award of RFP 930-P: Preliminary Engineering for Redwine Road Multi-Use Path

The Redwine Road multi-use path is a federal / state / county partnership. The federal government is providing 80% of the funds for the project. The Georgia Department of Transportation (GDOT) will issue a design-build solicitation for the construction phase. The county will provide 20% matching funds.

The Purchasing Department issued Invitation to Bid #930-P to solicit bids. Notices of the opportunity were e-mailed to 19 firms. An additional 1,036 companies were contacted through the web-based Georgia Procurement Registry. In addition, invitations were extended via the Fayette News, the county website, Georgia Local Government Access Marketplace (www.glga.org), and Channel 23. Ten firms submitted proposals.

Since federal funds will pay part of the cost of this project, the county must secure Preliminary Engineering services in compliance with the federal Brooks Act (40 U.S.C. 1101 et seq.). This requires evaluation of proposals based on a two-step process:

- First, an Evaluation Committee must evaluate and score proposals on technical merit only.
- After evaluation scores are completed based on technical merit, the next step is to open the price proposal (kept in separate sealed envelopes) of the top-scoring firm, and negotiate a fair, mutually agreeable price. If a reasonable price cannot be negotiated with the top-scoring firm, the county must then open the price envelope of the second-best scoring firm, and enter negotiations with them.

The Evaluation Team scored Heath & Lineback as the top-ranking company (Attachment 1). Staff opened their price proposal envelope, which stated their proposed price of $140,680.33. After meeting to negotiate details of proposed work and prices, Heath & Lineback submitted a revised price of $113,980.48 (Attachment 2). Costs will be shared with the federal government as follows:

Federal Funds	$91,184.38
County Funds	22,796.10
Total	$113,980.48

Budgeted funds of $114,000 are available for Preliminary Engineering in Account Number 37540220-521211, Project 5220B.

Public Works recommends contracting with Heath & Lineback to provide Preliminary Engineering for the Redwine Road Multi-Use Path project. I support their recommendation.

Attachment 1

Request for Proposals #930-P
Limited Preliminary Engineering (PE) Services
Redwine Road Multi-Use Path
Technical Merit Score Summary

Summary:

Criteria	Max Points	AECOM	Falcon Design	Griffin & Davis	Heath & Lineback	ISE	Kimley Horn	Moreland Altobelli	Prime Eng.	Rochester & Assoc.	Stevenson & Palmer
Project Understanding	40	29	26.5	21	37.5	33	35	20.5	21.5	19	24
Project Team Experience	20	16	11	7	15	15.5	17	11.5	9	10	9
Schedule	15	8.5	7.5	9.5	10	10	10	9.5	9	9.5	10
Quality of Written Proposal	15	11.5	10.5	8.5	12.5	12.5	14	9	8.5	8	8.5
Quality Control / Quality Assurance	10	6	4.5	5.5	9	7.5	6	8	8.5	7.5	7.5
Total Technical Merit Score	100	71	60	51.5	84	78.5	82	58.5	56.5	54	59

Cobb County DOT

COST PROPOSAL

Proj, No.:
PI No.:
Prime: **Heath & Lineback Engineers, Inc.**
Date: **3-Apr-15**

Project: **Redwine Road Multi-Use Path**
County: **Fayette**
Contract Type: **Firm Fixed Price**
Fixed Fee %: **10%**

Attachment 2

Heath & Lineback Engineers

Discipline: **Concept Development & Preliminary Plans**

Hours & Cost Estimate

Phase	Description	Total Hours	Total Cost	Total Other Direct Costs	Fixed Fee @ 10%	Total Labor Cost	Direct Labor Cost	Indirect Costs (Overhead) @ 160.00%	FCCM @	
	TOTALS ==>	**702**	**$ 113,980.48**	**$ 43,575.00**	**$ 6,400.50**	**$ 64,004.98**	**$ 24,617.30**	**$ 39,387.68**	**$ -**	
0	**Public Involvement**	**26**	**$ 3,019.10**	$ 55.00	$ 269.46	$ 2,694.64	$ 1,036.40	$ 1,658.24	$ -	
1	**Concept Development**	**277**	**$ 26,556.71**	$ 110.00	$ 2,404.25	$ 24,042.46	$ 9,247.10	$ 14,795.36	$ -	
2	**Database Preparation Incl. Survey**	**19**	**$ 13,343.00**	$ 11,055.00	$ 208.00	$ 2,080.00	$ 800.00	$ 1,280.00	$ -	
3	**Envirommental Document Incl. CE**	**22**	**$ 34,912.41**	$ 32,355.00	$ 232.49	$ 2,324.92	$ 894.20	$ 1,430.72	$ -	
4	**Preliminary Plans Incl. Utilities**	**338**	**$ 33,824.08**	$ -	$ 3,074.92	$ 30,749.16	$ 11,826.60	$ 18,922.56	$ -	
5	**Right of Way Plans**	**20**	**$ 2,325.18**	$ -	$ 211.38	$ 2,113.80	$ 813.00	$ 1,300.80	$ -	
6	**Final Plans**		**$ -**	$ -	$ -	$ -	$ -	$ -	$ -	
7	**Construction Services**		**$ -**	$ -	$ -	$ -	$ -	$ -	$ -	
8	**Additional Services**		**$ -**	$ -	$ -	$ -	$ -	$ -	$ -	

Project Level Summary - Labor

			Staff Type / Project Hourly Rates / Hours				**Project Hourly Rates Include Escalation Over Current Rates of:**			
		Total	**Principal**	**Project Manager**	**Sr. Engineer**	**Engineer**	**Staff Engineer**	**Sr. Technician**	**Clerical Admin**	
			$81.00	$50.00	$48.00	$32.50	$26.80	$34.00	$24.50	$10.30
	TOTAL HOURS ==>	**702**	**16**	**88**	**61**	**281**	**256**			
	TOTAL DIRECT LABOR COST==>	**$ 24,617**	**$ 1,296**	**$ 4,400**	**$ 2,928**	**$ 9,133**	**$ 6,861**	**$ -**	**$ -**	**$ -**

Project Level Summary - Other Direct Costs

			Other Direct Costs							
		Total Other Direct Costs	Travel	Reproduction	Delivery		G T Hill Planners-Environmental	Seiler & Assoc. Survey	NOVA - Geotech	Columbia Engineering- Util Coord.
	TOTALS ==>	**$ 43,575**	**$ 275**	**$ -**	**$ -**	**$ -**	**$ 32,300**	**$ 11,000**	**$ -**	**$ -**

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Fixed Fee %: **10%**

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Heath & Lineback Engineers

Discipline: **Concept Development & Preliminary Plans**

Hours & Cost Estimate

			Staff Type / Project Hourly Rates / Hours						Includes Escalation of:	
Phase	**Description**	**Total Hours**	**Principal**	**Project Manager**	**Sr. Engineer**	**Engineer**	**Staff Engineer**	**Sr. Technician**	**Clerical Admin**	
			$81.00	$50.00	$48.00	$32.50	$26.80	$34.00	$24.50	$10.30
	TOTALS ==>	**702**	**16**	**88**	**61**	**281**	**256**			
0	**Public Involvement**	**26**	2	8		8	8			
1	**Concept Development**	**277**	4	32	12	107	122			
2	**Database Preparation Incl. Survey**	**19**	2	4	1	12				
3	**Envirommental Document Incl. CE**	**22**	2	6		10	4			
4	**Preliminary Plans Incl. Utilities**	**338**	4	36	46	130	122			
5	**Right of Way Plans**	**20**	2	2	2	14				
6	**Final Plans**									
7	**Construction Services**									
8	**Additional Services**									

			Other Direct Costs							
Phase	**Description**	**Total Other Direct Costs**	Travel	Reproduction	Delivery		G T Hill Planners-Environmental	Seiler & Assoc. Survey	NOVA - Geotech	Columbia Engineering- Util Coord.
	TOTALS ==>	**$ 43,575**	**$ 275**	**$ -**	**$ -**	**$ -**	**$ 32,300**	**$ 11,000**	**$ -**	**$ -**
0	**Public Involvement**	$ 55	$ 55	$ -	$ -					
1	**Concept Development**	$ 110	$ 110	$ -	$ -					
2	**Database Preparation Incl. Survey**	$ 11,055	$ 55	$ -	$ -			$ 11,000		
3	**Envirommental Document Incl. CE**	$ 32,355	$ 55	$ -	$ -		$ 32,300			
4	**Preliminary Plans Incl. Utilities**	$ -	$ -	$ -	$ -					
5	**Right of Way Plans**	$ -	$ -	$ -	$ -					
6	**Final Plans**	$ -	$ -	$ -	$ -					
7	**Construction Services**	$ -	$ -	$ -	$ -					
8	**Additional Services**	$ -	$ -	$ -	$ -					

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Hours & Cost Estimate

		Total Hours	Principal	Project Manager	Sr. Engineer	Engineer	Staff Engineer	Sr. Technician	Clerical Admin	
0	**Public Involvement**	**26**	**2**	**8**		**8**	**8**			
	Project Management & Coordination	**4**		4						
	Prepare for, Attend Neighborhood/Stakeholder Meeting (2 Mtgs)	**10**	2	4		4				
	Prepare Layouts and Graphics (GIS & Concept Layout)	**12**				4	8			
		Total Hours	Principal	Project Manager	Sr. Engineer	Engineer	Staff Engineer	Sr. Technician	Clerical Admin	
1	**Concept Development**	**277**	**4**	**32**	**12**	**107**	**122**			
	Project Management & Coordination	**18**	2	16						
	Prepare Project Management Plan	**4**	1	3						
	Prepare Quality Control Plan	**4**	1	3						
	Internal Quality Control Reviews	**8**		2	6					
	Prepare Concept Property Database	**4**					4			
	Compile/Enhance Concept Database	**4**					4			
	Prepare Concept Layouts	**58**			2	16	40			
	Prepare Concept Profiles	**17**			1	12	4			
	Prepare Concept Cross Sections	**41**			1	24	16			
	Prepare Concept Construction Cost Estimate	**33**			1	16	16			
	Prepare Concept Utility, Environmental, Right of Way Cost Estimate	**15**			1	8	6			
	Prepare Concept Report	**43**		4		19	20			
	Prepare Design Data Book	**4**				4				
	Prepare for, Attend, Document Concept Team Meeting	**24**		4		8	12			
		Total Hours	Principal	Project Manager	Sr. Engineer	Engineer	Staff Engineer	Sr. Technician	Clerical Admin	
2	**Database Preparation Incl. Survey**	**19**	**2**	**4**	**1**	**12**				
	Project Management & Coordination	**10**	2	4		4				
	QC of Survey Database	**5**			1	4				
	Enhance Topographic Database for Design	**4**				4				
		Total Hours	Principal	Project Manager	Sr. Engineer	Engineer	Staff Engineer	Sr. Technician	Clerical Admin	
3	**Envirommental Document Incl. CE**	**22**	**2**	**6**		**10**	**4**			
	Project Management & Coordination	**18**	2	6		10				
	Integrate Environmental Data into database	**4**					4			

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		Total Hours	Principal	Project Manager	Sr. Engineer	Engineer	Staff Engineer	Sr. Technician	Clerical Admin	
4	**Preliminary Plans Incl. Utilities**	**338**	**4**	**36**	**46**	**130**	**122**			
	Project Management & Coordination	**28**	4	24						
	Coordinate with Utility Companies	**8**				4	4			
	Prepare Typical Sections	**12**				4	8			
	Prepare Plans, Profiles, etc. (16 sheets, 20 scale)	**28**			4	16	8			
	Prepare Cross-Sections/Grading Plan	**30**			2	20	8			
	Prepare Preliminary Driveway Profiles	**12**				4	8			
	Prepare Preliminary Drainage Design, Layout & Profiles	**22**			2	12	8			
	~~Prepare Preliminary Signing & Marking~~									
	~~Prepare Prelim. Erosion, Sed. & Pollution Control Plans~~									
	Prepare Existing Utility Plans from Utility Co. Markups	**16**				4	12			
	Prepare Retaining Wall Locations and Envelopes	**14**			2	4	8			
	Prepare Draft Special Provisions	**4**			4					
	~~Prepare Design Exception/Variance Report~~									
	Prepare Detailed Construction Cost Estimate	**20**			4	8	8			
	Update R/W Cost Estimate	**2**				2				
	Prepare for, Participate in Plan Review	**18**		4		8	6			
	Address Preliminary Plan Review Comments	**38**		2	4	16	16			
	Internal Quality Control Reviews	**14**		2	12					
	DB Costing Plans and Specifications	**42**		2	8	16	16			
	Respond to RFIs during DB Bid Process	**30**		2	4	12	12			
		Total Hours	Principal	Project Manager	Sr. Engineer	Engineer	Staff Engineer	Sr. Technician	Clerical Admin	
5	**Right of Way Plans**	**20**	**2**	**2**	**2**	**14**				
	Project Management & Coordination	**3**	1	2						
	Prepare Right-of-Way Plans	**9**	1			8				
	R/W Plans Review/Revisions	**4**				4				
	Internal Quality Control Reviews	**2**			2					
	Preparing Staking Data	**2**				2				