

BID RECOMMENDATION

RFQ #20/21-51, Clay County Pavement Assessment

BIDDERS

Applied Research Associates

Eisman & Russo, Inc.

Pennoni Associates, Inc.

Transmap Corporation

BID TOTAL

To Be Determined

To Be Determined

To Be Determined

To Be Determined

Staff Assigned to Tabulate Bids and Make Recommendations:

NAME

Teresa Gardner

Richard Smith

Chereese Stewart

TITLE

Public Works Director

Engineering Director

Development Services Director

FUNDING SOURCE: _____

RECOMMENDATION:

Accept staff's evaluation and ranking and award to the top ranked firm.

If only one bid is received, state reason why accepted and not re-bidding:

SUMMARY SHEET
FOR RANKING OF PROPOSALS

CLAY COUNTY BOARD OF COMMISSIONERS

PROJECT: RFQ No. 20/21-51, Clay County Pavement Assessment

VENDORS	<u>Rater</u>	<u>Rater</u>	<u>Rater</u>	TOTAL	AVERAGE	RANK
	1	2	3			
Applied Research Associates	98	82	85	265	88.33	1
Eisman & Russo, Inc.	75	84	84	243	81	3
Pennoni Associates, Inc.	24	86	85	195	65	4
Transmap Corporation	78	80	87	245	81.66	2

Rater 1: Public Works Director
Rater 2: Engineering Director
Rater 3: Development Services Director

Approved: Purchasing Division Donna Fish

Date: 8/30/2021

STAFF RFQ REVIEW AVERAGES
RFQ #20/21-51, Clay County Pavement Assessment

Evaluation Criteria:	Applied Research Associates	Eisman & Russo, Inc.	Pennoni Associates, Inc.	Transmap Corporation
Proposed and Approach Method (30 Point Question for a total of 90)	79	72	57	72
Project Intent and Understanding (25 Point Question for a total of 75)	64	62	50	59
Project Team Experience (25 Point Question for a total of 75)	67	59	48	62
Qualification / Technical Resources (20 Point Question for a total of 60)	55	50	40	52
TOTAL:	265.00	243.00	195.00	245.00
AVERAGE SCORE (OF 3 EVALUATORS):	88.33	81	65	81.66
88.33 Applied Research Associates (Headquarters - Albuquerque, NM / Responsible/Operations - Gainesville, Panama City, & Austin, TX) 81.66 Transmap Corporation (Headquarters - Columbus, OH / Branch Office - Indian Shores, FL) 81 Eisman & Russo, Inc. (Headquarters - Jacksonville, FL) 65 Pennoni Associates, Inc. (Headquarters - Philadelphia, PA, / Branch Office - Clearwater, FL)				

BID TABULATION FORM

RFQ: 20/21-51

Date: August 10, 2021

Proj: **Clay County Pavement Assessment**

Time Open: 9:03 AM

Ad: Clay Today, July 15, 2021

Time Close: 9:12 AM

This is a generic Bid Tabulation Form; all required bid documents will be verified prior to bid recommendation.

Bids to be evaluated based on evaluation criteria established in bid document

Bidder		Copies	W9	Insurance	Total
1	Applied Research Associates	Yes	Yes	Yes	To Be Determined
2	Eisman & Russo	Yes	Yes	Yes	To Be Determined
3	Pennoni	Yes	Yes	Yes	To Be Determined
4	Transmap Corporation	Yes	Yes	Yes	To Be Determined
5					
6					
7					
8					
9					
10					
11					
12					

*Staff will review the bids and present a recommendation to the Budget and Audit Committee for subsequent recommendation to the Board. Bids to be evaluated based on evaluation criteria established in bid document. Items above are subject to full review and evaluation of submittal.

RFQ No. 20/21-51, Clay County Pavement Assessment

Purpose

Clay County is requesting proposals from qualified, interested firms to conduct a Pavement Condition Survey and to develop a Pavement Management Program. The objective of the project is to accurately capture the condition of the pavement using advanced modern technologies. The intent of the program will be to provide the County with a systematic, consistent and reproducible method of determining priorities and optimal time of maintenance to economically manage the County's roadway system within an established budget.

Scope of Work

The Pavement Management Program shall include a comprehensive survey and inventory of the 795 miles of the paved County roadway system. Unpaved roadways shall not be included in this project. The initial task shall examine, analyze and prioritize road needs. The subsequent task shall recommend and assist in the implementation (hardware, software and training) of a Pavement Management System to aid in the long-term maintenance and reconstruction of the road network. Services requested include assisting the County in determining current conditions and establishing a maintenance and repair program for the County roadways based upon established variables (traffic, need, etc.). The FDOT Flexible Pavement Condition Survey Handbook (current edition) shall be the reference for the methods used to evaluate surface distresses and determine the ride quality and the rut depth of the flexible pavement.

Services shall include the following:

- Respondent shall conduct an inventory of the County maintained paved roadways (795 miles). The County can provide available GIS data for Firm's use as necessary. The Respondent shall validate the data provided.
- Respondent shall conduct a road surface condition survey using the FDOT Flexible Pavement Condition Survey Handbook (current edition) as the guide and the standard required. For information purposes, the County shall provide a copy of the road surface condition survey conducted several years ago. The survey previously prepared does not include all paved roadways in the County. The Respondent shall update the inventory to include all paved roadways and shall conduct the new survey on the updated inventory.
- The investigation shall include the following:
 - A proposed schedule of work and the services provided by the Respondent.
 - If requested an environmental study that considers the effects of climate conditions, site conditions, drainage and other factors affecting pavement performance.
 - A continuous and objective automated surface condition survey that includes a crack survey, macro and micro texture survey, rut depth measurement and roughness survey.

- Equipment used shall provide a high degree of repeatability. Documentation of the accuracy and repeatability shall be required.
- Traffic data provided by the County and additional counts and/or volume projections for roadways as needed.
- Develop an optimized Pavement Management Plan that includes the following:
 - Pavement Inventory of all County maintained paved roadways (795 miles).
 - Pavement Condition: Identify current condition and projected future performance for up to twenty years. Identify the condition of the base and subgrade and identify the existing and potential causes of pavement failure. Include any alligator cracking, bleeding, block cracking, bumps and sags, corrugation, depression, edge cracking, joint reflection cracking, lane/shoulder drop off, longitudinal and traverse cracking, patching and utility cuts, potholes, rutting, weathering, raveling, etc.
 - Pavement Improvement Strategies: Rehabilitative strategies not limited to overlays.
 - Cost Benefit Analysis
 - Priority Listing: Combine both pavement condition and traffic to establish user-benefit and priority listing.
- The Pavement Management Plan shall use the above data to develop up to a twenty-year recommendation indicating the rehabilitation strategy, year of implementation, cost and improved serviceability. The time period for the Plan shall be based on a realistic projection of fiscal availability. The minimum period for the plan shall be ten years.
- Provide the data in a GIS usable format in addition to the pavement management format so the County can produce maps, etc.
- The data must be delivered in table form (.xls or .csv file type) and compatible for use with Environmental Systems Research Institute (Esri) Geographic Information System software, and have the ability to generate reports for budgeting, presentations and other purposes.
- Respondent shall recommend tools for staff to utilize to keep the Pavement Management Plan current and operational (software, updates, etc.). Provide the software for the pavement management unless it is tied to ArcGIS and then provide any required extensions.
- Conduct Stakeholder meetings with County staff.
- Conduct presentation of findings to the Board of County Commissioners.

In Summary: The project tasks will include, but not be limited to:

- Pavement condition assessment (includes P.C.I. and S.C.I.) data collection
- P.C.A. analysis and methodologies/calculations
- Maintenance & Repair strategy recommendations
- Budget and pavement condition forecasting
- Recommendations for appropriate pavement management software

Additional Services

If the County identifies any additional services or projects to be provided by the Consultant that are not covered under the agreement that are beneficial to the County, such additional services shall be mutually negotiated between the County and the Consultant.

Term

Upon successful negotiation and contract execution with a term of one year, the County anticipates beginning the project in September 2021. It is crucial that the Program report be submitted to the County in 5 months. The expected due date of the remaining tasks will be no more than 7 months.

Payment

Contractor shall invoice monthly for services provided.

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Proposal Format:

Respondents are advised to carefully follow the instructions listed below in order to be considered fully responsive to this RFQ. Respondents are further advised that lengthy or overly verbose or redundant submissions are not necessary. Compliance with all requirements will be solely the responsibility of the Respondents. Failure to provide requested information will result in disqualification of response.

The RFQ response must be submitted on 8 1/2" x 11" bond paper, unbound, un-laminated, stapled (upper left corner), numbered, typewritten with headings, sections, and sub-sections identified appropriately. A minimum of 12-point font should be used throughout the proposal. Proposals are limited to a total of twenty-five (25) pages (exclusive of the cover page), plus any required forms. The printed page counts as one page single sided, therefore a double-sided printed page will be considered two pages.

Respondents will be allowed a maximum of two (2) pages not larger than 11" x 17" in size without any restrictions regarding font sizes or paper weight. Said maximum 11" x 17" pages are inclusive of the total twenty-five (25) pages and does not include required forms. Required forms include: Cover Letter, Corporate Details, Debarment Certification, Scrutinized Companies Certification, Certificate of Insurance, W-9 and Vendor Registration form.

Submittal Sections:

- A. Cover Letter
- B. Qualifications/Technical resources
- C. Project team experience
- D. Project intent & understanding
- E. Proposed and approach methodology

1. **Cover Letter** – The cover letter shall include the following information:

- Basic Information: Respondent's name, mailing address, and phone number.
- Primary Contact: Name and contact information for the Respondent's primary contact person. This person will be the contact person for all matters related to the response to this RFQ, scheduling, negotiating, and contracting.
- Qualification summary: A brief description of the Respondent's ability to meet the requirements of the RFQ, highlighting the Firm's qualifications.
- The cover letter shall be signed by a person who is authorized to commit the Respondent to perform the work sought in this RFQ.

2. **Qualifications/Technical Resources (20 points maximum score) -**

- Provide written documentation which demonstrates that the Firm is licensed under Florida Statutes to perform the professional services sought in this RFQ.
- Describe the recent, current and projected workload of the Firm and how the Firm will ensure the success of this project.
- Provide previous experience in Pavement Condition Assessment. Include project name and brief project description, project commencement and completion dates and project cost.
- List technical resource available to complete the project task.

3. Project Team Experience (25 points maximum score) –

- Respondents shall describe the project team, including credentials, project team information, including resumes and licenses, registrations, and/or certifications.
- Provide details related to project team members ability to devote time to this project.
- Provide the name and office locations of any subconsultants proposed to be used on these services and the estimated percentage of the work, which will be done by each such sub- consultant.
- Provide a minimum of 3 references from clients whom the Respondent has provided similar services in the past 7 years. Include the name of the client, contact information, contract term and value, description of the similar work completed. References from Florida clients are preferable.

4. Project Intent and Understanding (25 points maximum score) –

- Include a narrative to show the Respondent has an understanding of the scope and objectives to be performed.
- Provide a logical sequence of work, including critical project components.
- Describe how the team proposes to coordinate with the County to optimize effectiveness.
- Include a description of the expected relationship between the Respondent and County staff.
- Describe intent to complete the project on time.

5. Approach & Methodology (30 points maximum score) –

- The Respondent should describe the approach to the services as required and the specific work plan to be employed to complete the work.
- Describe the approach to organization, management, and the responsibilities and allocation of the management staff and personnel that will perform the work on the project.
- Describe methods of data collection, analysis, and presentation.
- What is the Respondent's suggested methodology for ensuring compliance with schedule and budget constraints?
- Provide a preliminary schedule for deliverables including draft documents, final documents, and County review time of the project.

Evaluation/Selection Criteria:

Submittals shall be reviewed and evaluated by the County team as follows:

Qualification/Technical resources	20 points
Project team experience	25 points
Project intent and understanding	25 points
Proposed and approach methodology	30 points

Vendor Bid Access

RFQ No. 20/21-51, Clay County Pavement Assessment

A. J. Johns, Inc.

Ambiance Land Development

American Heritage Engineering

Anderson Columbia

Applied Pavement Technology, Inc.

Applied Research Associates, Inc.

Archer Western

Architects Design Group, Inc.

Besch and Smith Civil Group

BGCO, Inc.

Brindley Pieters & Associates, Inc.

CDG Engineers & Associates, Inc.

C G S Consulting Engineers

C M T S Florida, LLC

Camp Dresser & McKee, Inc.

Causseaux & Ellington, Inc.

CH2M Hill Engineers

Commercial Industrial Corp.

Craig Schorling

Duval Asphalt Products, Inc.

ECS Florida, LLC

Edwards Engineering, Inc.

EGS (Environmental & Geotechnical Specialists

Eisman & Russo

Ellis & Associates, Inc.

England-Thims & Miller, Inc.

Environmental Research & Design

EXP

F R Aleman & Associates, Inc.

Florida Roads Construction

Foley & Sharp, Inc.

G M Hill Engineering

GAI Consultants, Inc.

Gibbs and Register, Inc.

Goodson, Nevin & Associates, Inc.

Infrasense

Hewitt Contracting

HNTB Corporation

Hubbard Construction / Atlantic Coast Asphalt

Infrasense

J. B. Coxwell Contracting, Inc.

J. D. Hinson Company

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Kimley-Horn
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