




Interoffice Memorandum

November 9, 2020

TO: Mayor Jerry L. Demings
-AND-
County Commissioners

FROM:  Carrie Mathes, CFCM, CPPO, C.P.M., Manager, Procurement Division

CONTACT: Renzo Nastasi, A.I.C.P., Manager, Transportation Planning Division
(407) 836-8072

SUBJECT: Consultant Selection, Request for Proposals Y20-835-CH, Professional Transportation Planning and Engineering Services for C.R. 545 (Avalon Road) Roadway Conceptual Analysis

RECOMMENDATION:

Selection of one firm and two ranked alternates to provide Professional Transportation Planning and Engineering Services for C.R. 545 (Avalon Road) Roadway Conceptual Analysis, Request for Proposals Y20-835-CH, from the following firms, listed alphabetically. Further, request the Board authorize negotiation and execution of a contract by the Procurement Division provided that the contract does not exceed the budget amount of \$460,000.

- HDR Engineering, Inc.
- Inwood Consulting Engineers, Inc.
- Johnson, Mirmiran & Thompson, Inc.
- WSP USA, Inc.

The Procurement Committee evaluated the proposals on November 4, 2020. Commissioner Maribel Gomez Cordero was assigned to the Procurement Committee.

PURPOSE:

The project will determine the preferred roadway alignment for the widening of C.R. 545 from two to four lanes with the addition of bicycle and pedestrian facilities along the roadway. The Consultant shall identify the right-of-way required for the addition of roadway capacity and pedestrian and bicycle facilities on C.R. 545 (Avalon Road) from U.S. 192 to the proposed Flamingo Crossings Boulevard (aka Hartzog Road Realignment). The Study shall also consider short-term solutions such as Transportation Systems Management (TSM); identification of improvements to enhance the existing operational road capacity by signaling; and improving certain intersections and coordination of the entire corridor into a signalized system. The TSM analysis shall evaluate side street intersections and

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Consultant Selection, Request for Proposals Y20-835-CH; Professional Transportation Planning and Engineering Services for C.R. 545 (Avalon Road) Roadway Conceptual Analysis,

traffic signal improvements as a possible alternative. The Consultant shall also consider special treatment and/or additional lanes at major intersections and widening of crossroads up to 600 feet in each direction to provide intersection operation at level of service C or higher in the design year.

This project includes a major intersection at the Orange – Osceola County lines and, as such, requires coordination with Osceola County. The Consultant and the County Project Manager shall coordinate with Osceola County Planning, Public Works, and Emergency Services Departments to assure the seamless movement of all modes of transportation. This project is located in District 1.

DISCUSSION:

Four proposals were received in response to the Request for Proposals (RFP). The Procurement Committee evaluated the proposals in accordance with the criteria set forth in the RFP.

Consensus scores from the Procurement Committee are attached.

Procurement Committee Meeting - November 4, 2020
Y20-835-CH, CR 545 (Avalon Road) Roadway Conceptual Analysis

CRITERIA	Project Manager	Assistant Project Manager	Project Team	Scope	VOW	Location	M/WBE	Dislocated Workers (B)	SDV (B)	Total Weighted Points
Weighted Value	15	10	15	30	5	10	15	5	15	120
Similar Projects Requested	3	3	(B) Indicates Bonus Points (Maximums Bonus Points Above)							
Johnson, Mirmiran & Thompson, Inc.	75.00	50.00	67.50	142.50	25.00	50.00	75.00	0.00	0.00	485.00
WSP USA, Inc.	75.00	50.00	60.00	120.00	20.00	50.00	75.00	0.00	0.00	450.00
Inwood Consulting Engineers, Inc.	75.00	33.33	60.00	135.00	15.00	50.00	75.00	0.00	0.00	443.33
HDR Engineering, Inc.	75.00	50.00	60.00	90.00	20.00	50.00	75.00	0.00	2.00	422.00



INTEROFFICE MEMORANDUM

October 19, 2020

TO: Carol Hewitt, Contracting Agent
Procurement Division

FROM: Sheena Jackson, Senior Contract Administrator
Business Development Division

SUBJECT: Business Development Division M/WBE Proposal Evaluation

PROJECT: Y20-835-CH / CR 545 (Avalon Rd) Roadway Conceptual Analysis

APPROVED: Sheena Jackson

The M/WBE participation goal for this RFP is 27% and the M/WBE Employment Workforce goal is 24%. Listed below are respondents to the subject RFP with their sub-consultants and M/WBE participation score on a one (1) to five (5) scale:

1. HDR Engineering, Inc.

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
Pegasus Engineering LLCMBE	HM	7%	Improvement Alternatives Development and Analysis
PES, LLC MBE	HM	2%	Right-of-Way
NADIC Engineering Service Inc. MWBE	AFAF	3%	Geotechnical
L & S Diversified MBE	AF(Pac)	12%	Right-of Way/ Aerial Photography
Brindley Pieters & Associates Inc	AFAM	2%	Utility Coordinate
Luke Transportation Engineering, Inc.	HM	3%	Data Collection

Total M/WBE Participation Proposed: 29%
M/WBE Sub consultant participation Weighted Score: 37.5

Total M/WBE Workforce: 54%
 Total WBE Workforce: 59 %
 Minority Workforce and Women Workforce Weighted Score: 37.5

Total M/WBE Participation Weighted Score: 75

Registered Service-Disabled Veteran(s) (SDV) Sub-consultant	Points	SDV Sub-consultant Role
PES, LLC	2	Right-of-Way

Registered SDV(s) Proposed: 1
 SDV Bonus Points: 2

Dislocated Worker(s) Proposed: 0
 Dislocated Worker(s) Bonus Points: 0

Total Bonus Points: 2
(Includes SDV & Dislocated Workers)

2. Inwood Consulting Engineers, Inc.

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
Antillian Engineering Associates MBE	AFAM	4%	Geotechnical Investigations
Apex Engineering, Inc. WBE	WF	8%	Surveying and Mapping
Luke Transportation Engineering Consultants, Inc. (LTEC) MBE	HM	6%	Traffic Modeling/Forecasting
MSE Group, LLC M/WBE	AF (Is)	3%	Wetlands / Species / Contamination
TLP Engineering Consultants, Inc. WBE	WF	6%	Drainage

Total M/WBE Participation Proposed: 27%
 M/WBE Sub consultant participation Weighted Score: 37.5

Total M/WBE Workforce: 25%
 Total WBE Workforce: 34%
 Minority Workforce and Women Workforce Weighted Score: 37.5

Total M/WBE Participation Weighted Score: 75

Registered Service-Disabled Veteran(s) (SDV) Sub-consultant	Points	SDV Sub-consultant Role
N/A		

Registered SDV(s) Proposed: 0
SDV Bonus Points: 0

Dislocated Worker(s) Proposed: 0
Dislocated Worker(s) Bonus Points: 0

Total Bonus Points: 0
(Includes SDV & Dislocated Workers)

3. Johnson, Mirmiran & Thompson, Inc. (JMT)

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
Brindley Pieters & Associates, Inc. MBE	AFAM	1%	Utility Coordination
Luke Transportation Engineering Consultants, Inc. (LTEC)-MBE	HM	14.5%	Traffic Engineering
MSE Group, LLC- M/WBE	AF (Is)	6.5%	Environmental/Ecological
Nadic Engineering Services, Inc.- M/WBE	AFAF	3.5%	Geotechnical & CSER
PES, LLC- MBE	HM	1.5%	Survey Support

Total M/WBE Participation Proposed: 29%
M/WBE Sub consultant participation Weighted Score: 37.5

Total M/WBE Workforce: 24%
Total WBE Workforce: 15%
Minority Workforce and Women Workforce Weighted Score: 37.5

Total M/WBE Participation Weighted Score: 75

Registered Service-Disabled Veteran(s) (SDV) Sub-consultant	Points	SDV Sub-consultant Role
N/A		

Registered SDV(s) Proposed: 0
SDV Bonus Points: 0

Dislocated Worker(s) Proposed: 0
 Dislocated Worker(s) Bonus Points: 0
Total Bonus Points: 0
(Includes SDV & Dislocated Workers)

4. WSP USA, Inc.

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
L & S Diversified, LLC MWBE	AF(Pac)	9%	Right-Of-Way Survey
Laura Turner Planning Services, Inc. WBE	WF	5%	Public Involvement
Luke Transportation Engineering Consultants, Inc.- MBE	HM	6%	Traffic Data Collection
MSE Group, LLC MWBE	AF(Is)	4%	Environmental/Contamination
Nadic Engineering Services, Inc. MWBE	AFAF	3%	Geotechnical

Total M/WBE Participation Proposed: 27%
 M/WBE Sub consultant participation Weighted Score: 37.5

Total M/WBE Workforce: 28%
 Total WBE Workforce: 27%
 Minority Workforce and Women Workforce Weighted Score: 37.5

Total M/WBE Participation Weighted Score: 75

Registered Service-Disabled Veteran(s) (SDV) Sub-consultant	Points	SDV Sub-consultant Role
N/A		

Registered SDV(s) Proposed: 0
 SDV Bonus Points: 0

Dislocated Worker(s) Proposed: 0
 Dislocated Worker(s) Bonus Points: 0

Total Bonus Points: 0
(Includes SDV & Dislocated Workers)