



May 28, 2021

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

~~FROM:~~ Carrie Mathes, CFM, NIGP-CPP, CPPO, C.P.M., Manager, Procurement Division

CONTACT: Hector Bertran, Project Manager, Traffic Engineering Division  
407-836-7869

SUBJECT: Consultant Selection, Request for Proposals Y21-906-FH, Continuing Professional Traffic Engineering Services

**RECOMMENDATION:**

Selection of two firms and two ranked alternates to provide Continuing Professional Traffic Engineering Services, Request for Proposals Y21-906-FH, from the following firms listed alphabetically.

- Avcon, Inc.
- DRMP, Inc.
- Metric Engineering, Inc.
- Pegasus Engineering, LLC
- Traffic Mobility Consultants, LLC
- Vanasse Hangen Brustlin, Inc.

Further, request the Board to authorize execution of the final contract by the Procurement Division to establish hourly rates for future requirements for a one-year term with two one-year renewals.

This item was evaluated by the Procurement Committee on May 26, 2021. Commissioner Maribel Gomez Cordero was assigned to the Procurement Committee.

**PURPOSE:**

The purpose of this procurement is to establish two contracts to provide continuing professional services for traffic engineering. The projects will be located throughout Orange County.

**DISCUSSION:**

The Consultants will provide traffic engineering services to the Public Works Traffic Engineering Division. Task may include but are not limited to:

Page 2 of 2

Consultant Selection, RFP Y21-906-FH, Continuing Professional Traffic Engineering Services

- Traffic operational and safety studies
- School and pedestrian safety studies
- Manual and machine traffic counts
- Traffic signal warrant studies
- Traffic signal design
- Signing and pavement marking design
- Maintenance of traffic design.

Six proposals were received in response to this Request for Proposals (RFP) and were evaluated in accordance with the criteria contained in the RFP. The scores of the Procurement Committee are attached.

**Procurement Committee Meeting - May 26, 2021**  
**Y21-906-FH, Continuing Professional Traffic Engineering Services**

CRITERIA	Project Manager	Project Engineer	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	5	5						(B) Indicates Bonus Points (Maximums Bonus Points Above)		
AVCON, Inc.	75.00	50.00	45.00	90.00	20.00	50.00	75.00	0.00	6.00	411.00
DRMP, Inc.	67.50	50.00	45.00	90.00	20.00	50.00	75.00	0.00	4.00	401.50
Metric Engineering, Inc.	75.00	50.00	41.25	90.00	20.00	50.00	75.00	0.00	0.00	401.25
Pegasus Engineering, LLC	75.00	50.00	37.50	90.00	20.00	50.00	75.00	0.00	0.00	397.50
Traffic & Mobility Consultants LLC	75.00	10.00	48.75	90.00	25.00	50.00	75.00	0.00	0.00	373.75
Vanasse Hangen Brustlin, Inc. (VHB)	45.00	40.00	71.25	150.00	20.00	50.00	37.50	0.00	0.00	413.75



**INTEROFFICE MEMORANDUM**

April 20, 2021

**TO:** Fabio Henao, Contracting Agent  
Procurement Division

**FROM:** Angela Brown, Senior Contract Administrator  
Business Development Division

**SUBJECT:** Business Development Division M/WBE Proposal Evaluation for RFP  
Y21-906-FH / Continuing Professional Traffic Engineering Services

**APPROVED:** *Aheena Ferguson*

Below are the respondents to the subject RFP with their firm's certified Minority/Women Business Enterprise (M/WBE) sub-consultants, Minority Business Enterprise Workforce and Women Business Enterprise Workforce goals:

**1. AVCON, INC.**  
Minority Prime – AM(Is)

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
ECHO UES, Inc.	HM	20%	SUE and Geospatial Mapping
Accurate Traffic Counts, Inc.	HM	1%	Traffic Count Services
Nadic Engineering Services, Inc.	AFAF	7%	Geotechnical
Borelli + Partners, Inc.	HM	1%	Architecture and Landscape Architecture

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

Total M/WBE Workforce: 23%  
Total WBE Workforce: 24%  
Minority Workforce and Women Workforce Weighted Score: **37.5**

**Total M/WBE Participation Weighted Score: 75.0**

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

Blue Cord Design & Construction, LLC	2	Cost Estimating
RGD Consulting Engineers Orlando, LLC	2	*Roadway Lighting
Drummond Carpenter, PLLC	2	Public Involvement & Environmental

**\*Additional clarification needed on role of Subconsultant**

Registered SDV(s) Proposed: 3  
**SDV Bonus Points: 6**

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

**Total Bonus Points: 6**  
*(Includes SDV & Dislocated Workers)*

**2. DRMP, INC.**  
Majority Prime

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
Aspireon Consulting Group, Inc.	WF	10%	Traffic Engineering Design and Studies Support
Accurate Traffic Counts, Inc.	HM	7%	Traffic Counts
L & S Diversified, LLC	AF(Pac)	9%	Surveying and Mapping
Brindley Pieters & Associates, Inc.	AFAM	1%	*Utility Coordination

**\*Additional clarification needed on role of Subconsultant**

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

Total M/WBE Workforce: 20%  
Total WBE Workforce: 18%

Minority Workforce and Women Workforce Weighted Score: **37.5**

**Total M/WBE Participation Weighted Score: 75**

Registered Service-Disabled Veteran(s)	Points	SDV Sub-consultant Role
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(SDV) Sub-consultant		
RGD Consulting Engineers Orlando, LLC	2	Structural Engineering
Gator Engineering and Aquifer Restoration, Inc.	2	Geotechnical Engineering

Registered SDV(s) Proposed: 2  
**SDV Bonus Points: 4**

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

**Total Bonus Points: 4**  
*(Includes SDV & Dislocated Workers)*

**3. METRIC ENGINEERING, INC.**

Majority Prime

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
Aspireon Consulting Group, Inc.	WF	8%	Traffic Operation Services Support / QC
Barnes, Ferland and Associates, Inc.	AFAM	10%	Survey and S.U.E Services
Nadic Engineering Services, Inc.	AFAF	3%	Geotechnical Engineering Services
TLP Engineering Consultants, Inc.	WF	1%	Structural Services
Balmoral Group, Inc.	WF	1%	*Drainage and Utility Coordination Services
Accurate Traffic Counts, Inc.	HM	4%	Data Collection Support Services

**\*Additional clarification needed on role of Subconsultant:**

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

Total M/WBE Workforce: 23%  
Total WBE Workforce: 22%  
Minority Workforce and Women Workforce Weighted Score: **37.5**

**Total M/WBE Participation Weighted Score: 75**

Registered Service-Disabled Veteran(s)	Points	SDV Sub-consultant Role
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(SDV) Sub-consultant		
None		

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. PEGASUS ENGINEERING, LLC**  
Minority Prime – HM

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
Luke Transportation Engineering Consultants, Inc.	HM	27%	Traffic Studies/Operations
Nadic Engineering Services, Inc.	AFAF	2%	Geotechnical

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

Total M/WBE Workforce: 25%  
Total WBE Workforce: 13%  
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
None		

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)*

**5. TRAFFIC & MOBILITY CONSULTANTS, LLC**

Majority Prime

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
Accurate Traffic Counts, Inc.	HM	6%	Data Collection
Aspireon Consulting Group, Inc.	WF	6%	*ITS Design/Minor Design/QC
AVCON, Inc,	AM(Is)	15%	Traffic Engineering Design/Structural Engineering/Minor Intersection Design/Guardrail Design/QC
Nadic Engineering Services, Inc.	AFAF	7%	Geotechnical Engineering

**\*Additional clarification needed on role of Subconsultant**

Total M/WBE Participation Proposed: 34%  
M/WBE Sub consultant participation Weighted Score: **37.5**

Total M/WBE Workforce: 42%  
Total WBE Workforce: 33%  
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
None		

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)*

**6. VANASSE HANGEN BRUSTLIN, INC.**  
Majority Prime

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
Accurate Traffic Counts, Inc.	HM	5%	Traffic Counts
Aspireon Consulting Group, Inc.	WF	5%	Traffic Design Support
CREWS, LLC	WF	5%	Studies Support
ECHO UES, Inc.	HM	9%	Survey/SUE
Nadic Engineering Services, Inc.	AFAF	3%	Geotechnical Services

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

Total M/WBE Workforce: 13%  
Total WBE Workforce: 36%  
Minority Workforce and Women Workforce Weighted Score: **0**

**Total M/WBE Participation Weighted Score: 37.5**

Registered Service-Disabled Veteran(s) (SDV) Sub-consultant	Points	SDV Sub-consultant Role
None		

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)*