



Interoffice Memorandum

February 11, 2021

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

A handwritten signature in black ink, appearing to read "Carrie Mathes".

Carrie Mathes, CFCM, NIGP-CPP, CPPO, C.P.M. Manager,
Procurement Division

CONTACT: Kenneth Leeming, P.E., Interim Manager, Highway Construction
Division
(407) 836-7713

SUBJECT: Consultant Selection, Request for Proposals Y21-900-CH,
Continuing Professional Geotechnical Engineering and
Materials Testing Services

RECOMMENDATION:

Selection of three firms and two ranked alternates to provide Continuing Professional Geotechnical Engineering and Materials Testing Services, Request for Proposals Y21-900-CH, from the following firms listed alphabetically. Further recommend the Board authorize execution of the final contracts by the Procurement Division to establish hourly rates for future requirements for a one-year term with two one-year renewals.

- Ardaman & Associates, Inc.
- Geotechnical and Environmental Consultants, Inc.
- Professional Service Industries, Inc.
- Terracon Consultants, Inc.
- Universal Engineering Sciences, LLC

The Procurement Committee evaluated the proposals on February 3, 2021. Commissioner Nicole Wilson was assigned to the Procurement Committee.

PURPOSE:

The contracts will provide continuing professional geotechnical engineering and materials testing services throughout the County.

DISCUSSION:

The services will include subsurface investigation of soil and water conditions, field and lab evaluation, and testing of subsurface materials conditions. The Consultants shall also provide consultation and recommendation on foundation related design and on construction contract materials quality control requirements and other geotechnical engineering services as required by Orange County.

Three contracts are necessary due to the amount of projected work required within the next three years. Also, in keeping with the Board's policy to spread the work around, these contracts will be monitored to ensure a reasonable degree of equitable distribution of contract dollars.

There will be, however, occasions when the continued use of a particular consultant is necessary which may impact the distribution of contract dollars. These situations include the following:

- Continuation of services initially performed by a particular consultant.
- Services for which a particular consultant is uniquely qualified.
- Documented difficulty in obtaining proposals from other consultants.
- Documented difficulty in negotiating task authorizations with other consultants.
- Other justified reasons.

Six 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. The proposal submitted by NV5, Inc. scored too low for Board consideration.

Consensus scores from the Procurement Committee are attached.

Procurement Committee Meeting - February 3, 2021
Y21-900-CH, Continuing Professional Geotechnical Engineering and Materials Testing 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	3	3					(B) Indicates Bonus Points (Maximums Bonus Points Above)			
Universal Engineering Sciences, LLC	75.00	50.00	60.00	135.00	20.00	50.00	75.00	0.00	4.00	469.00
Ardaman & Associates, Inc.	75.00	50.00	60.00	120.00	15.00	50.00	75.00	0.00	2.00	447.00
Geotechnical and Environmental Consultants, Inc.	75.00	33.33	60.00	120.00	20.00	50.00	75.00	2.00	2.00	437.33
Professional Service Industries, Inc.	25.00	33.33	60.00	120.00	20.00	50.00	75.00	0.00	0.00	383.33
Terracon Consultants, Inc.	0.00	41.67	60.00	112.50	20.00	50.00	75.00	0.00	2.00	361.17



INTEROFFICE MEMORANDUM

February 3, 2021

TO: Carol Hewitt, Contracting Agent
Procurement Division

FROM: Angela Brown, Senior Contract Administrator
Business Development Division

SUBJECT: Business Development Division M/WBE Proposal Evaluation for RFP
Y21-900-CH/ Continuing Professional Geotechnical Engineering and
Materials Testing 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. ARDAMAN & ASSOCIATES, INC.

Majority Prime

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
Blue Marlin Engineering, LLC	Hispanic Male	20	Geotechnical Engineering & Materials Testing
Nadic Engineering Services, Inc.	African American Female	7%	Geotechnical Engineering & Materials Testing

Total M/WBE Participation Proposed: 27%

M/WBE Sub consultant participation Weighted Score: **37.5**

Total M/WBE Workforce: 35%

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
Drummond Carpenter, LLC	2	Hydrogeology & Environmental Engineering

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. GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC.

Majority Prime

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
Blue Marlin Engineering, LLC	Hispanic Male	17%	Construction Materials Testing
Nadic Engineering Services, Inc.	African American Female	10%	Geotechnical Engineering
Southern Research Laboratories, Inc.	African American Male	2%	Analytical Testing

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

Total M/WBE Workforce: 37%
Total WBE Workforce: 17%
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
Gator Engineering & Aquifer Restoration, Inc.	2	Environmental and Hydrological

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

Dislocated Worker(s) Proposed: 2
Dislocated Worker(s) Bonus Points: 2

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

3. NV5, INC.

Majority Prime

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
Blue Marlin Engineering, LLC	Hispanic Male	18%	Geotechnical, Materials Testing & Inspection Services
Nadic Engineering Services, Inc.	African American Female	6%	Geotechnical, Materials Testing & Inspection Services

Total M/WBE Participation Proposed: 24%

M/WBE Sub consultant participation Weighted Score: 0

Total M/WBE Workforce: 23%

Total WBE Workforce: 19%

Minority Workforce and Women Workforce Weighted Score: 37.5

Total M/WBE Participation Weighted Score: 37.5

Registered Service-Disabled Veteran(s) (SDV) Sub-consultant	Points	SDV Sub-consultant Role
Gator Engineering & Aquifer Restoration, Inc.	2	Ground/Surface Water Samples

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)***4. PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)**

Majority Prime

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
Nadic Engineering Services, Inc.	African American Female	20%	Geotechnical Engineering & Construction Materials Testing Services
*Ambient Technologies, Inc.	Hispanic Male	7%	GPR, Geotechnical Testing & Inspection Services

***Additional clarification needed on the role of this subconsultant**

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

Total M/WBE Workforce: 35%
Total WBE Workforce: 8%
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. TERRACON CONSULTANTS, INC.

Majority Prime

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
Ambient Technologies, Inc.	Hispanic Male	3%	Geotechnical Support Services
Blue Marlin Engineering, LLC	Hispanic Male	14%	Professional Engineering & Construction Materials Testing
Nadic Engineering Services, Inc.	African American Female	10%	Geotechnical and Construction Material Testing and Inspection

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

Total M/WBE Workforce: 20%
Total WBE Workforce: 17%
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
REMTEC, LLC	2	Inspection and Testing Services

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)

6. UNIVERSAL ENGINEERING SCIENCES, LLC
 Majority Prime

M/WBE Sub-consultant(s)	M/WBE Classification	Projected %	Sub-consultants Role
**Madrid Engineering Group, Inc.	Hispanic Male	14%	Asphalt Plant Inspections, Engineering Support Services, Construction Materials Testing
Ambient Technologies, Inc.	Hispanic Male	3%	Geological/Geophysical Services
Nadic Engineering Services, Inc.	African American Female	10%	Engineering Support Services, Construction Materials Testing

****Additional clarification needed on the role of this subconsultant.**

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

Total M/WBE Workforce: 37%
 Total WBE Workforce: 20%
 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
Drummond Carpenter, PLLC	2	Water Quality (Environmental)
Gator Engineering & Aquifer Restoration, Inc.	2	Geology and Geotechnical

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)