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THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Planning & Community Assistance
February 3, 2016

Her Excellency, Governor Margaret Wood Hassan
and the Honorable Council
State House
Concord, New Hampshire 03301

REQUESTED ACTION

The Department of Transportation requests placing this item on the Consent Calendar.

Authorize the Department of Transportation to amend PO #4005193, with Amec Foster Wheeler Environment & Infrastructure, formerly d/b/a AMEC Environment & Infrastructure, Inc., Beltsville, MD, Vendor #173400, to develop a Statewide Transportation Asset Management Plan (TAMP) and related training, by extending the completion date from March 30, 2016 to March 30, 2017, effective upon Governor and Council approval. The original Agreement was approved by Governor and Council on October 15, 2014, Item #17. Time extension only, no new funding.

EXPLANATION

The purpose of this engineering consulting services agreement is to develop a risk-based Transportation Asset Management Plan (TAMP) as mandated as part of the federal Fixing America's Surface Transportation (FAST) Act signed into law on December 4, 2015. The TAMP will provide recommendations for strategic and systematic decision making for the operation, maintenance, preservation, and expansion of the State's highways and bridges throughout their lifecycle. The TAMP will include performance metrics, risk analyses, tradeoff analyses, and asset condition information for highways and bridges along with more general information for roadside and intermodal assets. The consultant will also develop a TAM Training Plan which will include an analysis of who requires TAM training, the type of training each stakeholder requires, the frequency, training channels, and the message. In preparation for the TAMP the Department recently completed a strategic self-assessment and performed an internal Gap Analysis which has culminated into a Transportation Asset Management Implementation Plan (TAM Implementation Plan).

This amendment to the Agreement is to extend the contract's original completion date to allow the consultant sufficient time to complete the TAMP. The additional time is needed due to significant delays in the issuance of the federal Notice of Proposed Rulemaking corresponding to the highway asset management plan performance area. The most recent estimate for the issue date is July 2016, at the earliest. These delays are beyond the control of the consultant. Of the original \$389,634 amount for this contract, there is a balance of approximately \$145,400 remaining (100% Federal Funds).

This amended Agreement has been approved by the Attorney General as to form and execution. Copies of the fully-executed amended Agreement are on file at the Secretary of State's Office and the Department of Administrative Services, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

It is respectfully requested that authority be given to amend this Agreement for consulting services as outlined above.

Sincerely,

Victoria F. Sheehan
Commissioner



VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Transportation Asset Management Plan
X-A004(173)
29551

Bureau of Planning &
Community Assistance
Room G01
Tel. (603) 271-3344
Fax: (603) 271-8093

February 3, 2016

Mr. Jonathan L. Groeger
Amec Foster Wheeler Environment & Infrastructure, Inc.
12000 Indian Creek Court, Suite F
Beltsville, MD 20705

Dear Mr. Groeger:

This letter amends Article I, Section F (Date of Completion) for the above-noted Agreement. The original and amended dates are as follows:

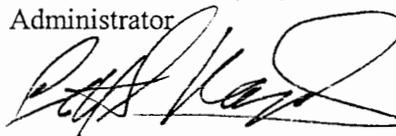
| | |
|----------------------------|----------------|
| Original Completion Date | March 30, 2016 |
| By this letter, amended to | March 30, 2017 |

This no-additional-cost change order for the time extension is as requested by your letter dated January 26, 2016.

This amendment becomes effective upon approval by the Governor and Council.

Sincerely,


For: William E. Watson, Jr., P.E.
Administrator

Approved: 
Christopher M. Waszczuk, P.E.
Director of Project Development

We concur in the above Amendment.

AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC.

By: 
Greg J. Williams
Title: Office Manager

s:\highway-design\towns\statewide\29551_tamp\letters\amec 02-03-16 tel.doc

AGREEMENT AMENDMENT

TRANSPORTATION ASSET MANAGEMENT PLAN, X-A004(173), 29551

AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC.

IN WITNESS WHEREOF the parties hereto have executed this amended AGREEMENT on the day and year first above written.

Consultant

WITNESS TO THE CONSULTANT

CONSULTANT

By: [Signature]
[Signature]

By: [Signature]
Greg J. Williams
Office Manager

Dated: 2/19/16

Dated: Feb 8, 2016

Department of Transportation

WITNESS TO THE STATE OF NEW HAMPSHIRE

THE STATE OF NEW HAMPSHIRE

By: [Signature]

By: [Signature]

Dated: 2/29/16

[Signature] DOT COMMISSIONER
Dated: 2/29/16

Attorney General

This is to certify that the above amended AGREEMENT has been reviewed by this office and is approved as to form and execution.

Dated: 3/1/16

By: [Signature]
Assistant Attorney General

Secretary of State

This is to certify that the GOVERNOR AND COUNCIL on _____ approved this amended AGREEMENT.

Dated: _____

Attest:

By: _____
Secretary of State

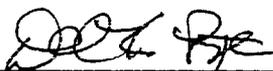


Incumbency Certificate

I, David K. Baxter, being the duly appointed Assistant Corporate Secretary of Amec Foster Wheeler Environment & Infrastructure, Inc. ("Amec Foster Wheeler"), hereby certify that Greg Williams is an Office Manager of Amec Foster Wheeler and has the authority, to execute the Time Extension Agreement Amendment on behalf of Amec Foster Wheeler with the State of New Hampshire Department of Transportation.

Dated February 8, 2016

Amec Foster Wheeler Environment & Infrastructure, Inc.

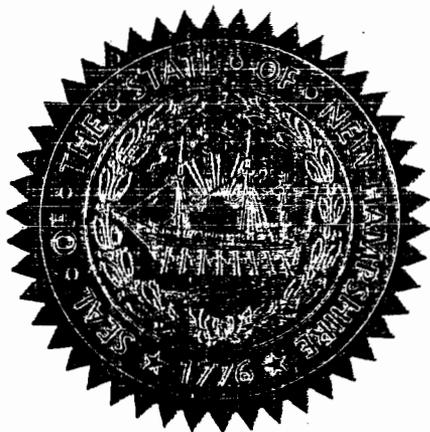
by 
Assistant Corporate Secretary



State of New Hampshire Department of State

CERTIFICATE

I, William M. Gardner, Secretary of State of the State of New Hampshire, do hereby certify that Amec Foster Wheeler Environment & Infrastructure, Inc. a(n) Nevada corporation, is authorized to transact business in New Hampshire and qualified on July 20, 2001. I further certify that all fees and annual reports required by the Secretary of State's office have been received.



In TESTIMONY WHEREOF, I hereto set my hand and cause to be affixed the Seal of the State of New Hampshire, this 3rd day of February, A.D. 2016

A handwritten signature in cursive script, appearing to read "William M. Gardner".

William M. Gardner
Secretary of State



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
06/09/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

| | | | |
|--|----------------|---|----------------|
| PRODUCER Construction Risk Partners, LLC Campus View Plaza 1250 Route 28, Suite 201 Branchburg, NJ 08876 | 1-908-566-1010 | CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS: | FAX (A/C, No): |
| INSURED Amec Foster Wheeler Environment & Infrastructure, Inc. (formerly Amec Environment & Infrastructure, Inc.) 12000 Indian Creek Court, Suite F Beltsville, MD 20705 | | INSURER(S) AFFORDING COVERAGE | |
| | | INSURER A: ACE AMER INS CO | NAIC # 22667 |
| | | INSURER B: ZURICH AMER INS CO | 16535 |
| | | INSURER C: ACE PROP & CAS INS CO | 20699 |
| | | INSURER D: AMERICAN ZURICH INS CO | 40142 |
| | | INSURER E: | |
| | | INSURER F: | |

COVERAGES CERTIFICATE NUMBER: 44191250 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | ADDL SUBR INSD / WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS |
|----------|--|----------------------|--------------------------------|-------------------------|-------------------------|---|
| A | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC OTHER: | | G24556347 | 05/01/15 | 05/01/16 | EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000 \$ |
| B | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS <input checked="" type="checkbox"/> Comp \$1,000 <input checked="" type="checkbox"/> Coll \$1,000 | | BAP 9483148-04 | 05/01/15 | 05/01/16 | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ |
| C | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$ 10,000 | | XOO G27240665 | 05/01/15 | 05/01/16 | EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000 \$ |
| D | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY D ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below | Y/N N N/A | WC 3504866-14 WC 3867133-08 | 05/01/15 05/01/15 | 05/01/16 05/01/16 | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000 |
| B | Architects & Engineers Prof | | IPR 1008375-00 | 05/01/15 | 05/01/16 | Any One Claim/Agg 2,000,000 |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Re: Contract No: 29551, Project Description: Develop Transportation Asset Management Plan.
The State of New Hampshire is included as Additional Insured in accordance with the policy provisions of the General Liability policy as required by written contract. SIR for Professional Liability \$10,000.

| | |
|--|---|
| CERTIFICATE HOLDER The State of New Hampshire Attn: Michelle Drouin 7 Haven Drive, Rook 130 Concord, NH 03302 USA | CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>William R. Hanson</i> |
|--|---|



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



17

CHRISTOPHER D. CLEMENT, SR.
COMMISSIONER

JEFF BRILLHART, P.E.
ASSISTANT COMMISSIONER

Bureau of Planning & Community Assistance
September 22, 2014

Her Excellency, Governor Margaret Wood Hassan
and the Honorable Council
State House
Concord, New Hampshire 03301

REQUESTED ACTION

Authorize the Department of Transportation to enter into an Agreement with AMEC Environment & Infrastructure, Inc., Beltsville, MD and Alpharetta, GA, Vendor #173400, for a total fee not to exceed \$389,634.00, to develop a Statewide Transportation Asset Management Plan (TAMP) and related training, effective upon Governor and Council approval through March 30, 2016. 100% Federal Funds.

Funding is available as follows for FY 2015, and is contingent upon the availability and continued appropriation of funds in FY 2016:

Table with 3 columns: Account Number, FY 2015, FY 2016. Row 1: 04-96-96-962515-2944 SPR Planning Funds. Row 2: 046-500463 Eng Consultants Non-Benefit \$220,000.00 \$169,634.00

EXPLANATION

The Department requires engineering consulting services to develop a risk-based Transportation Asset Management Plan (TAMP) as mandated as part of the federal Moving Ahead for Progress in the 21st Century (MAP-21) Act signed into law on July 6, 2012. The TAMP will provide recommendations for strategic and systematic decision making for the operation, maintenance, preservation, and expansion of the State's highways and bridges throughout their lifecycle. The TAMP will include performance metrics, risk analyses, tradeoff analyses, and asset condition information for highways and bridges along with more general information for roadside and intermodal assets. The consultant will also develop a TAM Training Plan which will include an analysis of who requires TAM training, the type of training each stakeholder requires, the frequency, training channels, and the message. In preparation for the TAMP the Department recently completed a strategic self-assessment and performed an internal Gap Analysis which has culminated into a Transportation Asset Management Implementation Plan (TAM Implementation Plan).

The consultant selection process employed by the Department for this qualifications-based contract is in accordance with RSAs 21-I:22, 21-I:22-c and 21-I:22-d, all applicable Federal laws and the Department's "Consultant Selection and Service Agreement Procedures" dated December 1999. The Department's Consultant Selection Committee is a standing committee that meets regularly to administer the process and make determinations. The Committee is comprised of the Assistant Director of Project Development (chair), the Chief Project Manager, the Administrators of the Bureaus of Highway Design, Bridge Design, Environment, and Materials and Research, and the Municipal Highways Engineer.

The consultant selection process for this qualifications-based contract was initiated by a solicitation for consultant services for the development of a Transportation Asset Management Plan (TAMP). The assignment was listed as a "Project Soliciting for Interest" on the Department's website on January 24, 2014, asking for letters of interest from qualified firms. From the list of firms that submitted letters of interest, the Committee prepared a long and then short list of Consultants on March 13, 2014 for consideration and approval by the Assistant Commissioner. Upon receipt of that approval, four shortlisted firms were notified on March 19, 2014 through a technical "Request For

Proposal" (RFP). Committee members individually rated the firms on April 29, 2014 using a written ballot to score each firm on the basis of comprehension of the assignment, clarity of the proposal, capacity to perform in a timely manner, quality and experience of the project manager and the team, previous performance, and overall suitability for the assignment. (A compilation of the completed individual rating ballots and the ranking summary form is attached.) The individual rankings were then totaled to provide an overall ranking of the four firms, and the Committee's ranking was submitted to the Assistant Commissioner for consideration and approval. Upon receipt of that approval, the short listed firms were notified of the results and the highest-ranking firm was asked to submit a fee proposal for negotiations.

The long list of nine consultant firms that were considered for this assignment, with the four short-listed firms shown in bold, is as follows:

Consultant Firm

AMEC Environmental & Infrastructure, Inc.
Applied Pavement Technology, Inc.
Atkins North America, Inc.
Gordon Proctor & Associates
Delcan Corporation
GHD Consulting, Inc.
Jorgensen, Roy Associates, Inc.
STV Incorporated
Tetra Tech Engineering and Consulting Services

Office Location

Beltsville, MD
Urbana, IL
Orlando, FLA
Dublin, Ohio
Vienna, VA
Charlotte, NC
Buckeystown, MD
Boston, MA
Manchester, NH

The firm of AMEC Environment & Infrastructure, Inc. has been recommended for this contract. This firm has an excellent reputation and has demonstrated their capability to perform the necessary engineering and technical services for this assignment. Background information on this firm is attached.

AMEC Environment & Infrastructure, Inc. has agreed to furnish the required services for a total fee not to exceed \$389,634.00. This is a reasonable fee and is commensurate with the complexity of the project and the scope of engineering and technical services to be furnished.

This Agreement has been approved by the Attorney General as to form and execution. The Department has verified that the necessary funds are available. Copies of the fully-executed Agreement are on file at the Secretary of State's Office and the Department of Administrative Services, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

This project funding is 80% federal funds with 20% state match. Turnpike toll credit is being utilized for match requirements, effectively using 100% federal funds. The use of Toll Credits for this project was approved by the Capital Budget Overview Committee on September 16, 2014 (approval letter attached).

It is respectfully requested that authority be given to enter into an Agreement for consulting services as outlined above.

Sincerely,



Christopher D. Clement, Sr.
Commissioner

April 29, 2014

PROJECT: Transportation Asset Management Plan

DESCRIPTION: The New Hampshire Department of Transportation (NHDOT) is advancing the Department's capabilities in asset management, which includes meeting MAP21 requirements pertaining to the development of a risk based Transportation Asset Management Plans (TAMP). The plan envisioned by the Department will include strategies for the State's transportation system. Implementation of the TAMP will be phased in, based on MAP-21 requirements and NHDOT priorities and resources.

Scope of Work: Assist and facilitate NHDOT staff and stakeholders in the development of a TAMP that address the following information, needs, and goals: MAP21 requirements, Asset inventory and condition, Asset management and objectives and measures, Performance Gap Analysis, Lifecycle cost considerations, Risk Management analysis, Financial plan, Investment strategies, Asset management process enhancements, Performance measures initiatives, such as the balanced scorecard. Provide training in key information areas, including risk-based asset management development and analysis. Transportation engineering knowledge and services are required. The completion deadline for the TAMP is September 30, 2015.

Services Required: PLAN, RDWY, STRC

SUMMARY

| | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|----|
| AMEC Env. & Infrastructure, Inc. | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 9 |
| Applied Pavement Technology, Inc. | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 21 |
| Gordon Proctor & Associates | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 12 |
| STV Incorporated | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |

EVALUATION OF TECHNICAL PROPOSALS

| Rating Considerations | WEIGHT | Scoring of Firms | | | |
|--|-------------|----------------------------------|-----------------------------------|-----------------------------|------------------|
| | | AMEC Env. & Infrastructure, Inc. | Applied Pavement Technology, Inc. | Gordon Proctor & Associates | STV Incorporated |
| Comprehension of the Assignment | 20% | 19 | 17 | 19 | 16 |
| Clarity of the Proposal | 20% | 18 | 17 | 19 | 16 |
| Capacity to Perform in a Timely Manner | 20% | 17 | 16 | 17 | 16 |
| Quality & Experience of Project Manager/Team | 20% | 19 | 17 | 18 | 16 |
| Previous Performance | 10% | 8 | 7 | 7 | 6 |
| Overall Suitability for the Assignment* | 10% | 7 | 7 | 9 | 6 |
| Total | 100% | 88 | 81 | 89 | 76 |

*Includes usage, quality and experience of subconsultants proposed and proven experience with D

- Ranking of Firms:
1. Gordon Proctor
 2. AMEC
 3. Applied Pavement Tech
 4. STV, Inc.

| Rating Considerations | WEIGHT | Scoring of Firms | | | |
|--|-------------|----------------------------------|-----------------------------------|-----------------------------|------------------|
| | | AMEC Env. & Infrastructure, Inc. | Applied Pavement Technology, Inc. | Gordon Proctor & Associates | STV Incorporated |
| Comprehension of the Assignment | 20% | 19 | 16 | 20 | 14 |
| Clarity of the Proposal | 20% | 20 | 17 | 20 | 17 |
| Capacity to Perform in a Timely Manner | 20% | 19 | 18 | 17 | 18 |
| Quality & Experience of Project Manager/Team | 20% | 19 | 15 | 19 | 14 |
| Previous Performance | 10% | 10 | 7 | 8 | 7 |
| Overall Suitability for the Assignment* | 10% | 9 | 7 | 9 | 6 |
| Total | 100% | 96 | 80 | 93 | 76 |

*Includes usage, quality and experience of subconsultants proposed and proven experience with D

- Ranking of Firms:
1. AMEC
 2. GP+A
 3. APT
 4. STV

EVALUATION OF TECHNICAL PROPOSALS (continued)

| Rating Considerations | WEIGHT | Scoring of Firms | | | |
|--|-------------|----------------------------------|-----------------------------------|-----------------------------|------------------|
| | | AMEC Env. & Infrastructure, Inc. | Applied Pavement Technology, Inc. | Gordon Proctor & Associates | STV Incorporated |
| Comprehension of the Assignment | 20% | 18 | 16 | 13 | 16 |
| Clarity of the Proposal | 20% | 20 | 18 | 14 | 16 |
| Capacity to Perform in a Timely Manner | 20% | 18 | 16 | 16 | 16 |
| Quality & Experience of Project Manager/Team | 20% | 18 | 18 | 12 | 18 |
| Previous Performance | 10% | 10 | 8 | 8 | 8 |
| Overall Suitability for the Assignment* | 100% | 17 | 16 | 13 | 16 |
| Total | 100% | 87 | 84 | 63 | 80 |

*Includes usage, quality and experience of subconsultants proposed and proven experience with F

- Ranking of Firms:
1. AMEC
 2. Gordon Proctor & Associates
 3. Applied Pavement Technology
 4. STV

| Rating Considerations | WEIGHT | Scoring of Firms | | | |
|--|-------------|----------------------------------|-----------------------------------|-----------------------------|------------------|
| | | AMEC Env. & Infrastructure, Inc. | Applied Pavement Technology, Inc. | Gordon Proctor & Associates | STV Incorporated |
| Comprehension of the Assignment | 20% | 20 | 17 | 20 | 16 |
| Clarity of the Proposal | 20% | 20 | 17 | 14 | 15 |
| Capacity to Perform in a Timely Manner | 20% | 17 | 17 | 19 | 16 |
| Quality & Experience of Project Manager/Team | 20% | 19 | 17 | 18 | 15 |
| Previous Performance | 10% | 10 | 8 | 7 | 6 |
| Overall Suitability for the Assignment* | 100% | 18 | 17 | 19 | 17 |
| Total | 100% | 96 | 84 | 92 | 75 |

*Includes usage, quality and experience of subconsultants proposed and proven experience with F.

- Ranking of Firms:
1. AMEC
 2. Gordon Proctor
 3. Applied Pav't
 4. STV

| Rating Considerations | WEIGHT | Scoring of Firms | | | |
|--|-------------|----------------------------------|-----------------------------------|-----------------------------|------------------|
| | | AMEC Env. & Infrastructure, Inc. | Applied Pavement Technology, Inc. | Gordon Proctor & Associates | STV Incorporated |
| Comprehension of the Assignment | 20% | 19 | 18 | 19 | 16 |
| Clarity of the Proposal | 20% | 19 | 18 | 19 | 16 |
| Capacity to Perform in a Timely Manner | 20% | 19 | 17 | 19 | 16 |
| Quality & Experience of Project Manager/Team | 20% | 19 | 18 | 19 | 16 |
| Previous Performance | 10% | 9 | 8 | 9 | 6 |
| Overall Suitability for the Assignment* | 100% | 18 | 17 | 19 | 16 |
| Total | 100% | 93 | 87 | 94 | 86 |

*Includes usage, quality and experience of subconsultants proposed and proven experience with F

- Ranking of Firms:
1. Gordon Proctor & Associates
 2. AMEC Env. & Infrastructure, Inc.
 3. Applied Pavement Technology, Inc.
 4. STV Incorporated

| Rating Considerations | WEIGHT | Scoring of Firms | | | |
|--|-------------|----------------------------------|-----------------------------------|-----------------------------|------------------|
| | | AMEC Env. & Infrastructure, Inc. | Applied Pavement Technology, Inc. | Gordon Proctor & Associates | STV Incorporated |
| Comprehension of the Assignment | 20% | 19 | 17 | 19 | 15 |
| Clarity of the Proposal | 20% | 19 | 17 | 17 | 15 |
| Capacity to Perform in a Timely Manner | 20% | 19 | 17 | 17 | 15 |
| Quality & Experience of Project Manager/Team | 20% | 19 | 17 | 17 | 17 |
| Previous Performance | 10% | 7 | 7 | 7 | 7 |
| Overall Suitability for the Assignment* | 100% | 17 | 16 | 17 | 15 |
| Total | 100% | 87 | 83 | 91 | 77 |

*Includes usage, quality and experience of subconsultants proposed and proven experience with F

- Ranking of Firms:
1. AMEC
 2. GORDON PROCTOR
 3. APPLIED PAVEMENT
 4. STV

| Rating Considerations | WEIGHT | Scoring of Firms | | | |
|--|-------------|----------------------------------|-----------------------------------|-----------------------------|------------------|
| | | AMEC Env. & Infrastructure, Inc. | Applied Pavement Technology, Inc. | Gordon Proctor & Associates | STV Incorporated |
| Comprehension of the Assignment | 20% | 20 | 18 | 19 | 17 |
| Clarity of the Proposal | 20% | 19 | 18 | 17 | 16 |
| Capacity to Perform in a Timely Manner | 20% | 19 | 19 | 19 | 18 |
| Quality & Experience of Project Manager/Team | 20% | 20 | 18 | 20 | 17 |
| Previous Performance | 10% | 10 | 9 | 9 | 9 |
| Overall Suitability for the Assignment* | 100% | 19 | 19 | 19 | 18 |
| Total | 100% | 93 | 93 | 96 | 87 |

*Includes usage, quality and experience of subconsultants proposed and proven experience with F

- Ranking of Firms:
1. AMEC
 2. GORDON PROCTOR
 3. APPLIED PAVEMENT TECH.
 4. STV

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)

Part II - General Qualifications

(If a firm has branch offices, complete for each specific branch office seeking work.)

| | | | | |
|---|------------------------|---|---|-----------------------------------|
| 1. FIRM (OR BRANCH OFFICE) NAME AMEC Environment & Infrastructure, Inc. | | | 3. YEAR ESTABLISHED 1994 | 4. DUNS NUMBER 24481215 |
| 2b. STREET 2 Robbins Road | | | 5. OWNERSHIP | |
| 2c. CITY Westford | 2d. STATE MA | 2e. ZIP CODE 01866 | a. TYPE Corporation | |
| 6a. POINT OF CONTACT NAME AND TITLE Allen Ikalainen | | | b. SMALL BUSINESS STATUS not applicable | |
| 6b. TELEPHONE NUMBER (978) 692-9090 | | 6c. E-MAIL ADDRESS Allen.Ikalainen@amec.com | | |
| 7. NAME OF FIRM (if block 2a is a branch office) AMEC Environment & Infrastructure, Inc. | | | 11-14-13 | |
| 8a. FORMER FIRM NAME(S) (if any) | | | 8b. YR. ESTABLISHED | 8c. DUNS NUMBER |
| AMEC Earth & Environmental, Inc. (2000 - 2011) | | | 1994 | 038086125 |
| AGRA Earth & Environmental, Inc. (1994 - 2000) | | | 1994 | 803037522 |
| Merger History: AMEC E&I Holdings, Inc. (W/a MACTEC, Inc.); AMEC E&I, Inc. (W/a MACTEC Engineering and Consulting, Inc.); AMEC Geomatrix, Inc. (W/a Geomatrix Consultants, Inc.); AMEC-BCI Engineers & Scientists, Inc. (W/a BCI Engineers & Scientists, Inc.; Hydrosphere Resource Consultants, Inc.); AMEC Infrastructure, Inc. (W/a AGRA Infrastructure, Inc.) | | | | |

| 9. EMPLOYEES BY DISCIPLINE | | | | 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS | | |
|----------------------------|--------------------------------------|---------------------|------------|--|--|-------------------------------------|
| a. Function Code | b. Discipline | c. No. of Employees | | a. Profile Code | b. Experience | c. Revenue Index Number (see below) |
| | | (1) FIRM | (2) BRANCH | | | |
| 08 | CADD Technicians | 171 | 1 | C14 | Conservation and Resource Management | (9) |
| 10 | Chemical Engineers | 65 | 1 | C15 | Construction Management | (10) |
| 11 | Chemists | 38 | 2 | D01/D02 | Dams; Dikes; Levees | (9) |
| 12 | Civil Engineers | 485 | 6 | | Design-Build | (10) |
| 14 | Computer Programmers | 66 | 2 | E01 | Ecological & Archeological Investigations | (9) |
| 23 | Environmental Engineers | 332 | 6 | E07 | Energy Conservation; New Energy Sources | (9) |
| 24 | Environmental Scientists | 686 | 10 | E09 | Environmental Impact Studies, Assessments or Statements | 5 (10) |
| 29 | GIS Specialists | 141 | 2 | E11 | Environmental Planning | 4 (9) |
| 30 | Geologists | 411 | 12 | E12 | Environmental Remediation | 8 (10) |
| 34 | Hydrologists/Hydrogeologists | 200 | 3 | G04 | GIS Services: Development, Analysis, and Data Collection | 6 (10) |
| 42 | Mechanical Engineers | 70 | 2 | H03 | Hazardous, Toxic, Radioactive Waste | 10 (10) |
| 48 | Project Managers | 117 | 3 | H07 | Highways; Streets; Airfield Paving; Parking Lots | (10) |
| 50/59 | Risk Assessors/Toxicologists | 31 | 7 | P05/P07 | Planning (Community, Regional, Area-wide and State) | (8) |
| 61 | Safety/Occupational Health Engineers | 38 | 4 | R03 | Railroad, Rapid Transit | (10) |
| 68 | Technicians | 1348 | 1 | R04 | Recreation Facilities (Parks, Marinas, Etc.) | (9) |
| 62 | Water Resource Engineers | 171 | 3 | R11 | Rivers; Canals; Waterways; Flood Control | (10) |
| | Air Quality Specialists | 60 | 1 | S05 | Soils & Geologic Studies; Foundations | (10) |
| | Meteorologists | 19 | 2 | S10 | Surveying, Platting; Mapping; Flood Plain | (8) |
| | Project Services | 1117 | 7 | T02 | Testing & Inspection Services | (10) |
| | Other Professional Staff | 1720 | -- | U01 | Unexploded Ordnance Remediation | 7 (10) |
| | | | | W02 | Water Resources; Hydrology; Ground Water | 10 (10) |
| Total | | 7266 | 74 | | | |

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|---|--|----|
| 11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right) | PROFESSIONAL SERVICES REVENUE INDEX NUMBER | |
| | a. Federal Work | 10 |
| | b. Non-Federal Work | 10 |
| | c. Total Work | 10 |

1. LESS THAN \$100,000
2. \$100,000 to less than \$250,000
3. \$250,000 to less than \$500,000
4. \$500,000 to less than \$1 million
5. \$1 million to less than \$2 million

6. \$2 million to less than \$5 million
7. \$5 million to less than \$10 million
8. \$10 million to less than \$25 million
9. \$25 million to less than \$50 million
10. \$50 million or greater

| | |
|---|------------------------------|
| 12. AUTHORIZED REPRESENTATIVE | |
| a. SIGNATURE | b. DATE 10/29/2013 |
| c. NAME AND TITLE Allan Ikalainen, Vice President, New England Area Manager | |