

**ALLAS/FORT WORTH INTERNATIONAL AIRPORT
DESIGN, CODE AND CONSTRUCTION DEPARTMENT**

**ADDENDUM NO. 01
FOR**

**ON-CALL ENVIRONMENTAL ENGINEERING SUPPORT SERVICES
CONTRACT NO. 8500362**

May 16, 2018

The Request for Qualification Statements for the above is hereby revised as follows:

RFQ Revisions

1. 2nd Response Action Effectiveness Report for the AOC B – Northwest Cargo VCP, VCP#1461 has been posted for reference only.
2. Appendix 4 – The Agreement, Exhibit 1 – Scope of Services is replaced with the attached and revised as detailed below:
 - a. Added Nesting surveys to Paragraph c) National Environmental Policy Act (NEPA).
 - b. Added Certified Industrial Hygienist services for construction safety to Paragraph e) Construction Compliance.

Schedule Revisions

1. N/A

Solicitation Questions (Q) and Answers (A)

1. (Clarification) – Details of each Respondent’s and their team’s current contracts or services provided should be included with your response on Form 3 #9 of the Request for Qualifications Statement. It is the responsibility of the Respondent to fully examine and investigate their team’s current contracts and engagements with the Board. The Board is aware of the below known conflicted contracts;

(A) Prime firms contracted under:

- 1) 8500327 – Program Management/Construction Management Services (With Federal Provisions)
- 2) 8500329 – Program Management/Construction Management Services (Without Federal Provisions)
- 3) 8500359 – Estimating, Cost Management and Scheduling Services
- 4) 8500334 – Design and Design Management (Federal Provisions)
- 5) 8500333 – Design and Design Management
- 6) 8500332 – Design and Design Management
- 7) 8500319 – Design and Design Management
- 8) 8500304 – Design and Design Management
- 9) 8500318 – Design and Design Management
- 10) 8500354 – Design and Design Management – Civil
- 11) 8500347 – Design and Design Management – Civil
- 12) 8500353 – Design and Design Management – Civil (with Federal Provisions)
- 13) 8500346 – Design and Design Management – Civil (with Federal Provisions)
- 14) 8500357 – On-Call Airport Planning Services

(B) Subconsultants contracted under the contracts listed are not known conflicts.

2. (Q) The RFQ has a 25% M/WBE component. We are a WBE in Orlando, FL and in process in Atlanta, GA. We maintain DBE certifications in Orlando, Atlanta, and in Texas.
- I. Will our DBE through TxDot be accepted for this RFQ?
 - II. In the RFQ, it states that primes need to, in good faith, attempt to reach the 25% goal. If they are unable to meet that 25% goal, they need to show that in good faith the efforts they put forth to achieve M/WBE participation. Could the prime document ecoPreserve's intention to attain a local office and M/WBE certification upon contract award as part of the good faith effort?
 - III. Are there any accommodations to certified M/WBE firms who are not inside the DFW area?

(A)

- I. No, In order to count the participation of M/WBEs towards the Contract goal, the M/WBE must be certified by the North Central Texas Regional Certification Agency (NCTRCA), DFW Minority Supplier Development Council or the Women's Business Council Southwest. Other certifications are not acceptable.
- II. No, In evaluating a Contractor's good faith efforts submission, BDDD will only consider those documented efforts that occurred prior to the good faith effort submission. If the Contractor fails to meet the M/WBE goal, this documentation must be submitted at the time of proposal submission.
- III. An M/WBE must be certified as a M/WBE by a Board-approved entity and have a place of business in the Airport's market area at the time of bid or proposal submission to be counted towards meeting the Contract Specific Goal.

3. (Q)

- I. We are a certified WBE but not through any of the entities recognized by DFW Airport. The NCTRCA is able to expedite WBE applications provided the owner (DFW Airport) places in a request after contract award. If we were to apply for the application and submit proof of application prior to the close of the RFQ, could this count towards the 25% WBE goal?
- II. Alternatively, could this count as the Good Faith effort?

(A)

- I. No. An M/WBE must be certified as an M/WBE by a Board-approved entity and have a place of business in the Airport's market area at the time of bid or proposal submission to be counted towards meeting the Contract Specific Goal. Other certifications are not acceptable.
- II. No, please follow the Good Faith Effort procedures outlined in the RFQ.

4. (Q) Will there be a cap on the number of firms selected?

(A) No, see Part 1, paragraph 17) Award of Agreement, Execution, of the RFQS.

5. (Q) Is there an anticipated breakdown of how much work will be associated with the 3 services described in Section 1B?

(A) This is unknown at this time.

6. (Q) In the Agreement, the scope of details 19 types of services. The Formatting of Qualification section in the RFQ asks for the respondent to describe experience in only "(1) Environmental engineering design and remediation of chlorinated solvent plumes and hydrocarbon plumes; operation and maintenance services. (2) Reporting pursuant to TRRP requirements (Affected Property Assessments, Response Action Plans, Response Action Effectiveness Reports, and Post Response Action Completion Reports)and remedy standards (i.e., TRRP-32 [Risk-Based NAPL Management]." To what extent will the services described in the agreement be a part of the contract or will the contract only focus on these two items described in the Formatting of Qualification section?

(A) The Scope document in Appendix 4 – The Agreement accurately describes the anticipated services to be performed in this contract. Each Respondent's Statement of Qualifications should follow all instructions, formatting and requested content as directed in the RFQS.

Exhibit 1 – Scope of Services

1) General Requirements:

- a) This Agreement will consist of providing On-Call Environmental Engineering Support Services at Dallas Fort Worth International Airport for highly experienced professionals.
- b) Services must support programs administered by the Board's Environmental Affairs Department. The scope of services include environmental support of EADs programs including but limited to Remediation, Waste, Due Diligence, NEPA, Stormwater, Construction Compliance, Noise, and Air Quality programs. The Consultant must include as part of its team, all disciplines necessary to support the required services, including specialized subconsultants as required by the project. Consultant shall be aware that, based on the type and scope of the project, not all projects may require a full discipline team.
- c) Services required under this Agreement and any issued Delivery Order will be provided to DFW's Commercial Development Department, and may support other departments directly involved in Delivery Order scopes.
- d) This is an indefinite delivery Agreement. All Services required will be established in and funded by individual Delivery Orders that may (but are not required to) be issued by DFW from time to time.
- e) No lab services are requested in this scope of services. Consultant will coordinate all sampling activities with the DFW contract laboratory.

2) Specific Scope of Services: The Services that DFW may ask Consultant to provide under this Agreement include, but are not limited to:

- a) **Remediation:** Services may include, but not be limited to the following:
 - i) Geoprobe/Monitoring Well Installations;
 - ii) Soil and groundwater sampling. Be able to provide up to 4 junior level staff to perform low flow groundwater sampling at any one time for a length of up to 10 consecutive business days each quarter. Collection of and proper documentation of field parameters collected during sampling;
 - iii) Complete Data Usability Summaries according to the current version of TCEQ RG-366/TRRP-13;
 - iv) Completing/Assisting with APARs, RAPS, RAERs, RACRs, and PRAC reports;
 - v) Design and development of conceptual designs proposed in the Response Action Plans including but not limited to soil excavation, in situ chemical oxidation, injection/hydrofracturing of in situ reagents, bioaugmentation, pump and treat, free product removal, and monitored natural attenuation (MNA) in low permeability soils.
- b) **Due Diligence:** Services may include, but not be limited to the following:
 - i) Completion of Phase I Environmental Site Assessments per current version of ASTM E1527 for undeveloped and developed properties;
 - ii) Completion of Phase II Environmental Site Assessments per current version of ASTM E1903 for undeveloped and developed properties.
- c) **National Environmental Policy Act (NEPA):** Services may include, but not be limited to the following:
 - i) Environmental Planning;
 - ii) NEPA Documentation including Categorical Exclusions, EAs, and EISs;
 - iii) Endangered species;
 - iv) Waters of United States and wetland delineations;
 - v) Historic, Archeological, Cultural Resources Assessments;
 - ~~vi) Nesting surveys in conformance with the Migratory Bird Treaty Act (MBTA);~~
- d) **Winter Weather Support:** Services may include, but not be limited to the following:
 - i) Sample collection and field analysis;

Exhibit 1 – Scope of Services

- ii) Monitoring of deicing operations of airlines. Requires the ability to drive and work in hazardous weather conditions.

- e) **Construction Compliance:** Services may include, but not be limited to the following:
 - i) TPDES Compliance Inspections;
 - ii) Storm Water Prevention Pollution Plans;
 - iii) Asbestos, mold, and lead based paint consulting services;
 - iv) [Preparing of Construction Safety Phasing Plan \(CSPP\) reports in accordance with current FAA Airport Improvement Program requirements;](#)
 - ~~iv)v~~ [Certified Industrial Hygienist services for construction safety-](#)

- f) **Stormwater Compliance:** Services may include, but not be limited to the following:
 - i) Stormwater and Watershed Sampling;
 - ii) Compliance inspections and illicit discharge investigations;
 - iii) Assistance with Multi Sector General Permits, MS4, and Individual Permits.

- g) **Spill Prevention Control and Countermeasures:** Services may include, but not be limited to the following:
 - i) Perform SPCC Inspections;
 - ii) Plan modifications and updates;
 - iii) Design of secondary containment structures and piping.

- h) **Air Quality Compliance:** Services may include, but not be limited to the following:
 - i) Air quality dispersion modeling analyses utilizing Environmental Protection Agency (EPA) Motor Vehicle Emission Simulator (MOVES2014a or newer version) and Federal Aviation Administration (FAA) Aviation Environmental Design Tool (AEDT 2d or newer version);
 - ii) Air emissions inventory studies utilizing Environmental Protection Agency (EPA) Motor Vehicle Emission Simulator (MOVES2014a or newer version) and Federal Aviation Administration (FAA) Aviation Environmental Design Tool (AEDT 2d or newer version).

- i) **Aircraft Noise:** Services may include, but not be limited to the following:
 - i) Assessments of Noise Program, data evaluations, and portable noise monitoring.

- j) **Utility Locating:** Services may include, but not be limited to the following:
 - i) Underground utility locating and marking of private and public utilities;
 - ii) Ground penetrating radar (GPR);
 - iii) Hydro excavation.

- k) **AutoCadd/Geographical Information System (GIS) Mapping:** Services may include, but not be limited to the following:
 - i) Graphics support may include, but not be limited to; computer aided design and drawing (CADD) services, GIS analysis and data formulation in coordination with DFW Airport's Design, Code and Construction department, visualizations, contaminant concentration maps, groundwater contour maps, and other exhibits.

- l) **Sustainability:** Services may include, but not be limited to the following:
 - i) Explore opportunities to advance DFW's sustainability leadership in the areas of energy efficiency and renewable energy, water efficiency and reuse, and waste management, including the development of a Zero Waste Roadmap focused on improving the waste diversion rate for DFW, and other exploratory initiatives as requested by DFW.

- m) **Other Environmental Services as needed:** Consultant may be required, from time to time, to provide additional environmental services not defined above:

Exhibit 1 – Scope of Services

- n) **Document Management:** All documents created by Consultant under this Agreement must be produced and recorded in accordance with DFW's document preparation and management requirements, which will be provided to Consultant separately.
- o) **Design Services:**
- i) In some circumstances design services will be required. The Design Documents must illustrate and describe the refinement of the design of the Project and define the scope, relationships, forms, size and appearance of the Project by means of plans, sections, and elevations, typical sectional details, diagrams, equipment and furniture layouts. Airfield or civil related project by means of plans, profiles, typical sections, cross sections and details. The Design Documents must include specifications that identify major materials and systems, and establish, in general, their quality levels. Design Documents must also include all calculations, studies, technical evaluations and other tasks as required to provide complete Design Documents.
 - ii) Consultant must provide a design so that all projects are in compliance with all local, state and federal requirements and codes. In addition, the Consultant must design each component of the project in accordance with the Board's design and construction standards. The Board's Design Criteria Manual is available for review at dfwairport.com. Where applicable, Consultant is encouraged to design within these standards and specifications or to prepare detailed technical justifications for any proposed variances. The Consultant will also be required to comply with the following:
 - (1) Provide a qualified representative(s) to attend design coordination meetings and any other meetings upon request from DFW staff (attendance of disciplines will be determined by DFW staff).
 - (2) Comply with, DFW Green Building Standards, latest edition and the DFW Construction and Fire Prevention Standards Resolution, latest edition. Coordinate with required utility companies, unless otherwise directed.
 - (3) Satisfy all FAA design criteria included in references as provided.
 - (4) Comply with applicable Federal Aviation Administration (FAA) Advisory Circulars for design and construction. (I.e. Safety Management Plans (SMS), etc.)
 - (5) Coordinate with the Board to develop special work sequence or schedule (if required), including permits, time restrictions, access, phasing, etc.
 - (6) Comply with Commercial Development guidelines and criteria as may be published for any development district.
 - (7) Develop list of basic design assumptions for Board approval.
 - (8) Provide optimized design solutions to maximize Board's Return-On-Investment where applicable.
 - (9) Validate design parameters and cost estimates for Common Infrastructure projects performed by Commercial Development Tenants.
 - iii) Design Documents
 - The Design Documents effort is comprised of two phases, (i) Preliminary Design Phase, and (ii) Final Design Phase. Consultant must submit to the Board a number of deliverables specified in an applicable Delivery Order. Consultant shall submit documentation supporting their Quality Assurance-Quality Control plan review with each submittal. The required submittals can generally be characterized as follows:
 - (1) **Preliminary Design Phase (Phase I)** (typically 10%-35% design as defined in delivery order). At the outset of the design process, Consultant will be afforded the opportunity to review documented existing conditions, as well as any conceptual design. Review of existing conditions includes preliminary data and analyses prepared by others, including topographic, subsurface conditions, geotechnical, hydraulics and hydrology, and utility data. The Board makes no warranty that the site conditions are true and correct. If needed, Consultant must procure the services of a licensed Geotechnical Engineer and perform the services required to support preliminary design.
 - (2) **Final Design Phase (Phase II)** (as defined in delivery order) Consultant will be required

Exhibit 1 – Scope of Services

to complete the design for each Construction Bid Package or Work Package and prepare and submit drawings, specifications, calculations, the Sustainable Design Checklist, design reports and provide the necessary information to support the development of Opinion of Probable Construction Cost at this level of completion. The Consultant must submit Design Documents to the Board on a schedule established in an applicable Delivery Order. The Final Design Phase is generally defined as 70% design development documents, 100% Issued for Permit Documents, Issued for Bid Documents, Bidding Phase Support Services and compilation of the Issued for Construction Documents.

The Consultant will be responsible for responding to all review comments in writing and making necessary changes to the Design Documents prior to subsequent submittals, and for production and delivery of bid packages as directed by the Board.

The number of bid packages to be prepared will be determined in the applicable Delivery Order.

p) Permitting Process

Consultant will be responsible for arranging reviews at the various stages of the design process to support the permitting process. At the 100% design completion phase as described in an applicable delivery order the Board will submit a permit application and the Consultant will be required to provide .PDF submittal of sealed sets of Construction Documents and all calculations necessary for the permit review process. Consultant must follow up on the review progress throughout the permit process to make all required corrections and to provide all required clarification documentations.

q) Construction Phase (Phase III) – Responsibilities of the Consultant during the construction phase will be specified in an applicable Delivery Order and may include, but not be limited to, the following:

- i) Visiting the jobsite to determine the progress and quality of the work and whether the work is proceeding in accordance with the Design Documents. If applicable, reviewing the construction progress for compliance with LEED certification requirements and obtaining and maintaining the required documentation for LEED certification. A site visit report will be prepared for each site visit conducted and submitted with the payment application.
- ii) Attending construction meetings for, among other things, coordinating, cost estimating, scheduling and discussing value engineering options.
- iii) Assisting the Board in evaluating the Contractor's initial submittals of project schedule, schedule of values, and list of required submittals. If applicable, Consultant will develop a plan for the Contractor's LEED submittals that coordinates with construction progress.
- iv) Reviewing and approving samples, shop drawings and other submissions for compliance with the Design Documents and, if applicable, timely LEED submittal requirements, and responding within a maximum of 10 business days of receipt.
- v) Reviewing requests for material substitutions and responding within a maximum of 10 business days.
- vi) Reviewing Requests for Information ("RFI") submitted by the Contractor and responding within a maximum of 10 business days of receipt.
- vii) Prepare specifications revisions and drawing revisions as necessary to support responses to RFI.
- viii) Interpreting plans and specifications where disagreement may arise or due to any unforeseen or unusual construction conditions.
- ix) Reviewing change proposals and preparing design change notifications (DCNs).
- x) Consulting and recommending concerning Contractor generated value engineering proposals.
- xi) Causing any changes during construction as a result of a DCN, RFI, approved substitution or Change Order to be reflected in the electronic files.
- xii) Participating during the construction process in the third party commissioning process.
- xiii) Inspecting the project with the Owner Rep to assist in the determination of when substantial

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completion is achieved, participating in preparing the punch list, and providing documentation to the Board when the project is substantially complete.

r) Post Construction

- i) Assisting in verification of punch list completion and final inspections of the project, as well as start-up of building systems and equipment and/or other commissioning activities.
- ii) Reviewing Contractor's as-built drawing submittals, warranties, operation and maintenance manuals, and closeout information for accuracy and completeness and preparing the final set of record drawings and corrected specifications are complete for archiving.

s) DFW Brand Standards

- i) Consultant must comply with all DFW Brand Standards in rendering services, to include: (color, fonts, pattern, photography principles, imager, sub-brands, brand fundamentals and overview, design guidelines, as well as visual and verbal branding systems.)

t) Deliverables/Schedules:

- i) General
 - (1) Deliverables will be identified in the applicable Delivery Order and may include, but not be limited to, exhibits, briefings, reports, white papers, near-term response strategies, long-term visions, Master Planning and/or design documents, surveys, estimates, and schedules;
 - (2) Electronic copies of all final documents must be provided to DFW in the "native" program file format, in addition to an electronic portable document format (PDF); and
 - (3) Any applicable schedule for the provision of Services and deliverables will be established in the applicable Delivery Order.
 - (4) Consultant must prepare, assist in the preparation of, provide or review deliverables and provide follow-up, including, but not limited to written reports, engineer's reports, basis of design manuals, plans, analysis, presentations, regulations, permit applications, design concepts, design work programs, Design Documents, design calculations, reference data, design manuals, contract drawings, documents submitted for permit, electronic data files, technical specifications, assessment of risk document, material schedules and quantity takeoffs, cost estimates, detailed design and construction schedules, graphs, charts, composite drawings and/or diagrams of existing conditions, preliminary and underlying data, supplemental surveys provided by or to the Consultant including results of site investigations, utility investigations, or supplemental investigations of subsurface conditions, and other documents and information necessary for performance of the services ("Deliverables")
- ii) CADD Deliverables
 - (1) Consultant must provide the number of hard copies and electronic copies as specified in the applicable Delivery Order. All deliverables must be accompanied with a single, consolidated digital version in PDF with the same content and in the same order as the hard copy.
 - (2) Consultant must submit to the Board all working files (including, but not limited to, CADD, worksheets and BIM models) at the time of milestone(s) deliverables required by the Agreement and applicable Delivery Order. Construction Documents must be developed in accordance with the Board's CADD/BIM Standards and transmitted electronically to the Board via solid-state storage device or the Consultant's download web interface. Submittals will be accepted by the Board in a format approved by the Agreement and applicable Delivery Order.
 - (3) Each drawing must indicate the Consultant's name, address, phone number, Consultant and Board Contract Number, Board Permit Number, Texas Department of Licensing and Regulation Architectural Barriers Project Registration Number, date or revision date, and scale, consistent with the title block specifications detailed in the CADD Standards.
 - (4) All drawings and specifications must also be placed on the Board's specified document management system (i.e. Primavera Unifier etc.) on a regular basis. On a monthly basis,

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Consultant must provide all files on the specified document management system are the most current. Consultant will submit the CADD Deliverables to the Board. The Board will review and examine the files, and Consultant must correct any errors detected at no additional cost to the Board.

iii) Consultant Deliverables

- (1) Consultant will be required to submit specifications in the format directed in the DFW Design Criteria Manual, or as otherwise directed by the Board, as the basis for writing and transmitting all specifications developed under the Contract.
- (2) New or customized specification sections, not currently included in the Board Master Specifications, must be developed utilizing the Board Master Specification current CSI format and software. Specifications must be transmitted for all reviews, between the Consultant and the Board, electronically utilizing the Board on-line file sharing system. A limited number of hard copies (printed) of the specifications may also be required for the review process.
- (3) Solicitation documents (e.g. Instruction to Bidders/Instructions to Proponents), General Provisions, Special Provisions, and Mandatory Provisions (Federal contracts only), and Division 00 and 01 Guide Specifications produced by the Board will be provided to the Consultant for inclusion with 100% Issued for Permit and Issued for Bid submittals. Consultant shall update and modify the Board provided Guide Specifications as necessary for the specific project and the Consultant is responsible for sealing/stamping and signing the Division 00 and 01 specifications included in the deliverables.