

**URBAN SYSTEMS
ENGINEERING AND RELATED SERVICES
OCTOBER 14, 2016**

**CONTRACT NO. 4400009931
STATE PROJECT NO. H.007113
F.A.P. NO. H007113
J. BENNETT JOHNSTON AVENUE
CALCASIEU PARISH**

Under Authority granted by Title 48 of Louisiana Revised Statutes, the Louisiana Department of Transportation and Development (DOTD) hereby issues a Request for Qualification Statements (RFQ) on DOTD Form 24-102 (24-102), “Professional Engineering and Related Services”, revised November 2011, from Consulting Firms (Consultant) to provide engineering and related services. **Consultants who are a Louisiana or foreign LLC or corporation should be appropriately registered with the Louisiana Secretary of State, as contemplated by Title 12 of the Louisiana Revised Statutes, and with LAPELS under its rules for FIRMS. If a Consultant fails to place itself in good standing in accordance with those provisions, it may be subject to consequences contemplated in Title 12 and/or the LAPELS rules. All requirements of Louisiana Professional Engineering and Land Surveying (LAPELS) Board must be met and the Prime consultants must be registered with the Federal Government using SAM.gov prior to contract execution.** One Prime-Consultant/Sub-Consultant(s) (Consultant/Team) will be selected for this Contract.

DOTD employees may not submit a proposal, nor be included as part of a Consultant’s team.

Municipality Project Manager: Gregory LaFleur

DOTD Coordinator: Ms. Tanya Bankston

All inquiries concerning this advertisement should be sent in writing to mark.chenevert@la.gov and heather.huval@la.gov.

PROJECT DESCRIPTION

This is an Urban Systems project. The selected Consultant/Team will be required to provide engineering and related services to design a patch, cold plane, and overlay of an existing asphaltic two-lane urban minor arterial. The proposed overlay will resurface J. Bennett Johnston Ave. beginning at Merganser St. and continuing northeasterly until the intersection with Broad Street. The Contract will be between the Consultant and the Calcasieu Parish Police Jury, hereinafter referred to as the “**Entity**”. It will be monitored by the **Entity**, DOTD and the Federal Highway Administration (FHWA).

SCOPE OF SERVICES

The services to be rendered for this project shall consist of the following Stage and Parts:

Stage 3: Design

Part I: Surveying Services

(a) Topographic Survey (as required)

Part III: Preliminary Plans

Part IV: Final Plans

Part I (a) Topographic Survey

The Consultant shall perform all services required to make a complete topographic survey, in English units of measure, as required for the proper design and layout of the project. The DOTD requirements which shall govern this survey are specified in the current edition of the DOTD Location and Survey Manual. Deviations to the manual shall be approved by the Project Manager.

The survey shall include, but is not limited to, one or more of the following:

1. Station the project centerline every 100'. Paint stations on paved shoulder, or where no paved shoulder exists, paint stations on travel lanes outside of apparent wheel paths.
2. Station reference points along the project in the event the painted centerline stations fade.
3. Station and inspect all drainage structures. Note location, condition, cover, size, type, thickness, and length of each drainage structure other than bridges. Cross-section the roadway and ditches at cross drain locations.
4. Cross-section the roadway and ditches at a minimum of every 1000' but not less than 3 representative sections. Cross-section the roadway at the PC, PT and apex of curves to determine superelevation rates, and at visible changes in cross slopes. Station and cross section intersecting roads or driveways within curves and note radii, if applicable. Cross section 0', 25', 50', 100', 200', 300' and 400' from bridge ends or obstacles requiring guard rail protection.
5. Station and measure travel lanes and shoulder widths at transition points or changes in material type. Station and measure turn lanes, acceleration and deceleration lanes, crossovers, and parking lanes. Locate all roads and driveways within 200' of bridge end.
6. Determine the degree of curves, note directions, and locate the stations of the observed PCs and PTs.
7. Record the existing guard rail's location, type, height, length, type of end treatment, type of bridge attachment, condition of rail and posts, an distance to protected object (if not a bridge end).
8. Station and describe with approximate quantities, the type of striping, symbols, school crossings, railroad crossings, turn arrows, legends, and posted speed limit signs.

9. Count all driveways. Note type of material, whether residential, field, or commercial. Measure the width of concrete driveways at or near the edge of the shoulder. Measure the width of asphaltic driveways at a point approximately 8' from the near edge of the travel lane.
10. Measure the area to be overlaid on parish and state turnouts.
11. Station and offset all manholes, water valves, gas valves, and any other utilities that need to be adjusted during construction.
12. Locate utilities within limits of construction.
13. Station and measure the depth of any rutting if project requires cold planing and base is not reworked.
14. Note any existing loop detectors and locate by cross road names.
15. Station and provide offset and description of any fixed appurtenances within 15' of the edge of the travel lane.
16. Station and measure the size of existing roadway patches. Station and measure location of required roadway patching and curb replacement.

Existing Horizontal Curve Information—

Field-measure each existing horizontal curve and provide the following information for each existing horizontal curve within the project limits:

- a) station, elevation of pavement edge at inside of curve, and cross slope of each travel lane at stations of the PC, PT, at the start & end of full superelevation, at the start & end of runoff, and at the start & end of runout.
- b) existing horizontal curve information shall also include the direction of turn, degree of curvature, and length of each curve.
- c) identify horizontal curves where runoff/runout sections do not exist, such as reverse curves.

Required Curve Superelevation –

Determine proposed layout information for superelevation of each horizontal curve within the project limits. Proposed superelevation layout information shall be specific to each curve, and shall include the following information:

1. station, proposed finish elevation of pavement edge at inside of curve, and proposed finish cross slope of each travel lane, at stations of the PC, PT, at the start & end of full superelevation, at the start & end of runoff, and at the start & end of runout.
2. layout information shall also include the direction of turn, degree of curvature, and length of each curve.
3. determine whether superelevation is achieved by rotating about the edge line or about center line.
4. for curves where distance between successive curves is determined to be not sufficient to provide runoff/runout transitions shown on the Department's superelevation diagrams, such as at reverse curves:
 - a. for each such curve, propose specific adjustments to cross slopes, stationing, or other adjustments which may feasibly achieve

superelevation of the horizontal curves, within the existing right-of-way and alignment.

- b. for each such curve, proposed superelevation adjustments shall include proposed finished elevation of pavement edge at inside of curve and proposed finished cross slope of each travel lane, at each station where such adjustments are proposed.

Part III: Preliminary Plans

Preliminary plans shall consist of all engineering services required for the completion of preliminary plans and initial cost estimates for the project. Schedule for completion shall conform to the contract time specified herein. The schedule for all deliverables will be set by the Entity's Responsible Charge. All submittals are subject to review by the Entity and DOTD.

The services to be performed under this part consist of the following:

1. Assembly and study of existing data, As-Built plans, improvement studies, boring information, traffic data, and field reconnaissance.
2. Design and preparation of preliminary plans in accordance with the requirements outlined in the latest AASHTO Standard Specifications for Highways and Bridges and in the Hydraulics Manual, Pavement Preservation Program Standard Operating Procedures, Guidance for PRR Projects, 3R Minimum Design Guidelines and DOTD Pavement PRR Minimum Design Guidelines, and in accordance with the Urban System Project Manager.
3. Preparation of specifications for the project in accordance with the latest edition of the Louisiana Standard Specifications for Roads and Bridges, and with the current practices of the DOTD.
4. Preparation of PRR Reports, Road Design 100% Preliminary Plans QA/QC Checklist, and other pertinent documents.
5. Preparation of initial cost estimates based on the preliminary plans.
6. Preparation of all special specifications, specialty item descriptions, and details for the project.
7. The design standards for the improvements shall comply with the criteria prescribed in 23 CFR 625, Design Standards for Highways and the current DOTD Design Guidelines for Preservation Projects. The format of the plans shall conform to the standards used by the DOTD in the preparation of its contract plans for items of work of similar character.
8. Design of preliminary plans shall be done in English units of measurement.

Part IV: Final Plans

Final plans shall consist of all services required for the completion of final plans, specifications and cost estimates for the projects. The final plan phase shall be initiated upon issuance of a separate Notice to Proceed from the Entity. The schedule for all deliverables will be set by the Entity's Responsible Charge. All submittals are

subject to review by the Entity and DOTD.

The services to be performed under this part consist of the following:

1. Design and preparation of completed detailed final plans in accordance with requirements as listed in Part III. The final plans are to include detailed final drawings for specialty items, layouts, utility locations, if applicable, or any other special details.
2. Preparation and submittal of construction cost estimates based on the final plans.
3. Written justification of estimated costs following the construction bid if estimate is not in conformance with actual bid costs.
4. Submittal of the completed Constructability/Biddability Review documents and Road Design Final Plans QA/QC Checklist.
5. Submittal of stamped, signed final plans. The plans are to be accompanied by a CD containing PDF's of the plan sheets and CAD files in .dgn format. The CD shall be properly indexed, neatly arranged and contain a copy of all design computations used in developing the pay quantities and the drainage design data for culverts and storm sewers, as applicable. The submittal shall be accompanied by a written certification from the consultant that a detailed check of such computations by qualified personnel has been made prior to submission. At any stage of the plan development process, plan delivery by other methods may be required including, but not limited to, upload to the DOTD ProjectWise repository. More information may be found on the website http://www.dotd.louisiana.gov/highways/project_devel/design/electronic_standards_disclaimer.asp
6. Plan sheets shall be letter size, 8 ½" x 11". Top, bottom, and right hand margins shall be at least ¼ inch, and left-hand margin shall be at least ¾ inch. The compensation value is predicated upon the development of preliminary and final plans for a letter size (8.5" x 11") plan set.
7. All plans submitted by the consultant shall conform to the quality standards adopted by the DOTD and the DOTD's Chief Engineer may reject any plans not conforming to these standards.

The consultant shall provide letter size preliminary and final roadway plans in English units of measurement and corresponding required documents for the project, including, but not limited to the following:

- Title Sheet and Layout Map
- General Notes Sheets
- Typical Section and Detail Sheets
- Summary of Estimated Quantities Sheets
- Tabulated Quantities Sheets
- Geometric Layout Sheets
- Subgrade Soil Survey Sheets

- Cost Estimate
- Plan Constructability/Biddability Review
- Road Design 100% Preliminary Plans QA/QC Checklist
- Road Design Final Plans QA/QC Checklist
- Preparation of any Non Standard Pay Items and Specifications
- Design Report
- Stormwater Prevention Pollution Plan

ELECTRONIC DELIVERABLES

The Consultant hereby agrees to produce electronic deliverables in conformance with the DOTD Software and Deliverable Standards for Electronic Plans document. The Consultant is also responsible for ensuring that Sub-Consultants submit their electronic deliverables in conformance with the same standards. The DOTD Software and Deliverable Standards for Electronic Plans document and DOTD CAD Standards Downloads are available via links on the DOTD web site.

The Consultant shall apply patches to CAD Standard Resources and install incremental updates of software as needed or required. The Consultant hereby agrees to install major updates to software versions and CAD Standard Resources in a timely manner. Major updates of CAD standards and software versions shall be applied per directive or approval of the DOTD Design Automation Manager. Such updates will not have a significant impact on the plan development time or project delivery date, nor will they require the Consultant to purchase additional software. Prior to proceeding with plan development, the Consultant shall contact the Project Manager for any special instructions regarding project-specific requirements.

In the event that any electronic standard conflicts with written documentation, including DOTD plan-development Manuals, the electronic standard typically governs. The Consultant is responsible for contacting the Project Manager should questions arise.

The Consultant shall upload (or check in) electronic deliverables directly into the DOTD ProjectWise repository at each plan delivery milestone. Consultants are responsible for performing certain operations at each milestone including, but not limited to, the following:

- Upload (or check in) CAD plan deliverables to the discipline “Plans” folder
- Apply and maintain indexing attributes to CAD plans (and other deliverables as needed)
- Publish PDF format plan submittals in ProjectWise using automated publishing tools
- Digitally sign PDF format plan submittals in ProjectWise according to DOTD standards and procedures (Final Plans, Revisions and Change Orders). Signatures shall be applied in signature blocks provided with electronic seals and Title Sheets.

Additionally, after reviewing deliverables for each submittal milestone, the Project Manager shall notify the Consultant regarding the availability of two automatically-generated informational reports in ProjectWise. These reports document the completion status and other information regarding indexing attributes and CAD standards. Consultants shall take these reports into account and make any necessary adjustments to plans before the next submittal milestone; or sooner, if directed by the Project Manager.

QUALITY CONTROL/QUALITY ASSURANCE

The DOTD requires the Consultant to develop a Quality Control/Quality Assurance program or adopt DOTD's program; in order to provide a mechanism by which all construction plans can be subject to a systematic and consistent review. Consultant's must ensure quality and adhere to established design policies, procedures, standards and guidelines in the preparation and review of all design products. The DOTD shall provide limited input and technical assistance to the Consultant. The Consultant's plans shall meet or exceed DOTD's Construction Plans Quality Control / Quality Assurance Manual and EDSM No. Volume I. 1.1.24 on Plan Quality. The Consultant shall transmit plans with a DOTD Quality Control/Quality Assurance Checklist, and a certification that the plans meet the DOTD's quality standards.

ITEMS TO BE PROVIDED BY DOTD

1. Environmental Clearance
2. Existing DOTD Special Details and DOTD Standard Plans (through ProjectWise)

COMPENSATION

The compensation to the Consultant for Stage 3, Parts I (a), Parts III, and IV is a non-negotiated lump sum of **\$44,745** which is subdivided as follows:

Stage 3: Part I (a) – Topographic Survey	\$6,641
Stage 3: Parts III and IV – Preliminary and Final Plans	\$38,104

REFERENCES

All services documents will meet the standard requirements as to format and content of the DOTD; and will be prepared in accordance with the latest applicable editions, supplements and revisions of the following:

1. AASHTO Standards, ASTM Standards or DOTD Test Procedures
2. DOTD Location and Survey Manual
3. DOTD Addendum “A” to the Location and Survey Manual
4. DOTD Roadway Design Procedures and Details
5. DOTD Design Guidelines
6. DOTD Hydraulics Manual

7. DOTD Standard Specifications for Road and Bridges
8. Manual of Uniform Traffic Control Devices
9. DOTD Traffic Signal Design Manual
10. National Environmental Policy Act (NEPA)
11. National Electric Safety Code (NESC)
12. National Electric Code (NFPA 70)
13. A Policy of Geometric Design of Highways and Streets (AASHTO)
14. DOTD Construction Contract Administration Manual
15. DOTD Materials Sampling Manual
16. DOTD Bridge Design Manual
17. Consultant Contract Services Manual
18. Geotechnical Engineering Services Document
19. Bridge Inspectors Reference Manual/90
20. DOTD Stage 1 Planning/Environmental Manual of Standard Practice
21. Code of Federal Regulations 29 CFR 1926 (OSHA)
22. Testing Procedures Manual
23. Engineering Directives and Standards Manual (EDSM)
24. Highway Safety Manual
24. Documents for Pavement Preservation/Rehabilitation/Replacement (PRR) Program
25. LPA Manual

Follow link below for the individual reference links:

<http://webmail.dotd.louisiana.gov/ContWEB.nsf/b88769326453bef886256fe00047183a/18fc2860512aba5886257a62006133b8?OpenDocument>

CONTRACT TIME

The overall contract time to complete this project is estimated to be 157 calendar days. The Consultant will proceed with the services upon issuance of the Notice to Proceed from the Entity.

The delivery schedule is as follows, however may be changed by the DOTD Project Manager:

Stage 3: Part I (a)- Topographic Survey, shall be completed within 7 calendar days, including DOTD review, from the Notice to Proceed.

Stage 3: Part III – Preliminary Plans, shall be completed within 90 calendar days, including DOTD review, from the Notice to Proceed.

Stage 3: Part IV, Final Plans, including Traffic Signal Modification Plans is estimated to be completed within 60 calendar days, including DOTD review, from the Notice to Proceed from the Entity.

MINIMUM PERSONNEL REQUIREMENTS

The following requirements must be met by the Prime-Consultant at the time of submittal:

1. At least one Principal of the Prime-Consultant must be a Professional Engineer registered in the State of Louisiana.
2. At least one Principal or other Responsible Member of the Prime-Consultant must be a Professional Civil Engineer, registered in the State of Louisiana, with a minimum of five years of experience in preparation of roadway plans.
3. In addition to the above requirements, the Prime-Consultant must employ on a full-time basis, or through the use of a Sub-Consultant(s),
 - a. A minimum of one Professional Land Surveyor registered in the State of Louisiana, with a minimum of five years of experience in conducting topographic surveys for DOTD.

Training Certifications/Certifications of Compliance must be submitted with and made part of the Consultants DOTD Form 24-102 for all Manpower requirements listed herein.

WORK ZONE TRAINING REQUIREMENTS (PRE-CONSTRUCTION SERVICES)

As part of DOTD's on-going commitment to work zone safety, required work zone training courses must now be taken every four years in order for personnel to remain eligible to work on DOTD projects. For consultants performing pre-construction services (i.e., design, survey, subsurface utility, geotechnical, traffic, bridge inspection, environmental services), appropriate personnel must take these courses. In general, the responsible charge of traffic control plans shall be required to have Traffic Control Supervisor training. For field services performed within the clear zone, at least one member of the field crew shall have Traffic Control Supervisor or Traffic Control Technician training. Consultant should identify all personnel listed in the staffing plan for the project that have completed the appropriate work zone training courses. Current certifications of compliance for this training should be submitted with and made part of Consultant's DOTD Form 24-102. The consultant shall explain in Section 13 of DOTD Form 24-102 how they plan to meet the work zone requirements. However, all requirements shall be met prior to contract execution. It will be the prime consultant's responsibility to ensure their staff and sub-consultants have the appropriate work zone training.

The above requirements are the minimum to perform work on DOTD projects. It is desired that all staff have work zone training as shown below:

Engineers:	Traffic Control Technician Traffic Control Supervisor Flagger
Engineer Interns:	Traffic Control Technician Traffic Control Supervisor Flagger
Field Senior Technicians, Survey Party Chiefs, and SUE Worksite Traffic Supervisors:	Traffic Control Technician Traffic Control Supervisor Flagger
Field Personnel:	Traffic Control Technician Flagger

Approved courses are offered by ATSSA and AGC. Substitutes for these courses must be approved by the LA DOTD Work Zone Task Force. Specific training course requirements are:

Flagger: Successful completion every four years of a work zone flagger course approved by the Department. The “DOTD Maintenance Basic Flagging Procedures Workshop” is not an acceptable substitute for the ATSSA and AGC flagging courses.

Traffic Control Technician (TCT): Successful completion every four years of a work zone traffic control technician course approved the Department. After initial successful completion, it is not necessary to retake this course every four years if Traffic Control Supervisor training is completed every four years.

Traffic Control Supervisor (TCS): Successful completion of a work zone traffic control supervisor course approved by the Department. Following an initial completion, traffic control supervisors must either complete a 1-day TCS refresher course or retake the original 2-day TCS course every four years.

ATSSA contact information: (877) 642-4637

If Sub-Consultants are used, the Prime Consultant must perform a minimum of 51% of the work for the overall project. Each member of the Consultant/Team will be evaluated on their part of the contract, proportional to the amount of their work. The individual team member ratings will then be added to arrive at the Consultant/Team rating.

Communication Protocol

DOTD's Project Evaluation Team will be responsible for performing the above described evaluation, and will present a short-list of the three (if three are qualified) highest rated Consultants to the Secretary of the DOTD. The Secretary will make the final selection.

1. Mark Chenevert – Ex officio
2. Tanya Bankston– Project Manager
3. Jason Lacombe
4. Jacques Deville
5. Ryan McMillan
6. Clayton Cormier

Rules of Contact (Title 48 Engineering and Related Services)

These rules are designed to promote a fair, unbiased, legally defensible selection process. The LA DOTD is the single source of information regarding the Contract selection. The following rules of contact will apply during the Contract selection process and will commence on the date of advertisement and cease at the contract execution by the selected firm. Contact includes face-to-face, telephone, facsimile, Electronic-mail (E-mail), or formal written communications. Any contact determined to be improper, at the sole discretion of the LA DOTD, may result in the rejection of the submittal (24-102):

- A. The Consultant shall correspond with the LA DOTD regarding this advertisement only through the LA DOTD Consultant Contracts Services Administrator;
- B. Neither the Consultant, nor any other party on behalf of the Consultant, shall contact any LA DOTD employees, including but not limited to, department heads; members of the evaluation teams; and any official who may participate in the decision to award the contract resulting from this advertisement except through the process identified above. Contact between Consultant organizations and LA DOTD employees is allowed during LA DOTD sponsored one-on-one meetings;
- C. Any communication determined to be improper, at the sole discretion of the LA DOTD, may result in the rejection of submittal, at the sole discretion of the LA DOTD;
- D. Any official information regarding the project will be disseminated from the LA DOTD'S designated representative on the LA DOTD website. Any official correspondence will be in writing;

- E. The LA DOTD will not be responsible for any verbal exchange or any other information or exchange that occurs outside the official process specified herein.

By submission of a response to this RFQ, the Consultant agrees to the communication protocol herein.

CONTRACT REQUIREMENTS

The selected Consultant will be required to execute the contract within 10 days after receipt of the contract.

INSURANCE - During the term of this contract, the Consultant will carry professional liability insurance in the amount of \$1,000,000. The Prime Consultant may require the Sub-consultant(s) to carry professional liability insurance. This insurance will be written on a “claims-made” basis. Prior to executing the contract, the Consultant will provide a Certificate of Insurance to DOTD showing evidence of such professional liability insurance.

AUDIT - The selected Consultant/Team will allow the DOTD Audit Section to perform an annual overhead audit of their books, or provide an *independent* Certified Public Accountant (CPA) audited overhead rate. This rate must be developed using Federal Acquisition Regulations (FAR) and guidelines provided by the DOTD Audit Section. In addition, the Consultant/Team will submit semi-annual labor rate information, when requested by DOTD.

The selected Consultant/Team will maintain an approved Project Cost System and segregate direct from indirect cost in their General Ledger. Pre-award and post audits, as well as interim audits, may be required. For audit purposes, the selected Consultant/Team will maintain accounting records for a minimum of five years after final contract payment.

Any Consultant currently under contract with the DOTD and who failed to meet all the audit requirements documented in the manual and/or notices posted on the DOTD Consultant Contract Services Website (www.dotd.louisiana.gov) will not be considered for this project.

SUBMITTAL REQUIREMENTS

One original (**stamped “original”**) and **five** copies of the DOTD Form 24-102 must be submitted to DOTD **along with an electronic copy (USB flash drive only) in a searchable Portable Document Format (pdf). If you wish to have your flash drive returned, please include a postage paid, self-addressed envelope.** All submittals must be in accordance with the requirements of this advertisement and the Consultant Contract Services Manual.

Any Consultant/Team failing to submit any of the information required on the 24-102, or provide inaccurate information on the 24-102, will be considered non-responsive.

Any Sub-Consultants to be used, including Disadvantaged Business Enterprises (DBE), in performance of this Contract must also submit a 24-102, which is completely filled out and contains all information pertinent to the work to be performed.

The Sub-Consultant's 24-102 must be firmly bound to the Consultant's 24-102. In Section 8, the Consultant's 24-102 must describe the **work elements** to be performed by the Sub-Consultant(s), and state the approximate **percentage** of each work element to be subcontracted to each Sub-Consultant.

Contract employees may be allowed for a period of time for a particular element or task on a project. Contract employees should be shown in **Section 9a. Project Staffing Plan** with resumes included in **Section 10**.

Use of contract employees requires prior approval by the Consultant Contract Services Section for each element or task on a project. The approval request shall be made prior to the submittal of the 24-102 form.

Name(s) of the Consultant/Team listed on the 24-102, must precisely match the name(s) filed with the Louisiana Secretary of State, Corporation Division, and the Louisiana State Board of Registration for Professional Engineers and Land Surveyors.

The DOTD Form 24-102 will be identified with **Contract No. 4400009931 and State Project No. H.007113** and will be submitted **prior to 3:00 p.m. CST on Tuesday, November 01, 2016**, by hand delivery or mail addressed to:

Department of Transportation and Development
Attn.: Mr. Mark Chenevert, P.E.
Consultant Contracts Services Administrator
1201 Capitol Access Road, **Room 405-E**
Baton Rouge, LA 70802-4438 or
Telephone: (225) 379-1591

REVISIONS TO THE RFQ

DOTD reserves the right to revise any part of the RFQ by issuing an addendum to the RFQ at any time. Issuance of this RFQ in no way constitutes a commitment by DOTD to award a contract. DOTD reserves the right to accept or reject, in whole or part, all Qualification Statements submitted and/or cancel this announcement if it is determined to be in DOTD's best interest. All materials submitted in response to this announcement become the property of DOTD and selection or rejection of a submittal does not affect this right. DOTD also reserves the right, at its sole discretion, to waive administrative informalities contained in the RFQ.