

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY
REQUEST FOR PROPOSALS

Project Title: Cloud-based Program Monitoring and Management System (PMMS).

RFP No. 2019-01

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Electronic copies of RFP: www.thenovaauthority.org

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| <u>Issue Date:</u> | September 6, 2018 |
| <u>Written Questions Due:</u> | September 14, 2018 at 12:00 pm (noon) |
| <u>Mandatory Pre-Proposal Conference:</u> | September 17, 2018 at 1:00 pm |
| <u>Proposal Due Date/Time:</u> | October 5, 2018 at 12:00 pm (noon) |
| <u>Location:</u> | NVTA 3040 Williams Drive, Suite 200 Fairfax, VA 22031 |

DESCRIPTION OF WORK: The Northern Virginia Transportation Authority (NVTA) is requesting proposals from qualified firms to develop a cloud-based online Program Monitoring and Management System (PMMS). The PMMS will support the selection and oversight of NVTA-funded projects. Currently this is a largely manual process.

Request for Proposal (RFP) tasks include coordination with the project team to identify current business workflows and needs; based on these needs, identify best practices to streamline the current process with an online system. The PMMS will consist of three components. The first component will be developed and delivered in the first phase, followed by a second phase (beginning on or soon after July 1, 2019) in which the remaining two components will be developed and delivered. While implementation of the PMMS has been divided into two phases for funding reasons, it is essential that the system be conceived and developed as an integrated system.

The PMMS components, and NVTA's corresponding workflow, are discussed below under "Proposed System Components". Project tasks are described under "Scope of Work".

MANDATORY PRE-PROPOSAL CONFERENCE: A mandatory pre-proposal conference will be conducted at NVTA on September 17, 2018 at 1:00 PM. The purpose of this conference is to allow potential Offerors an opportunity to ask questions and receive answers about this solicitation. You are encouraged to submit written questions to be discussed at the conference in advance to Mr. Jasper via email to help ensure more complete answers. Questions also may be presented orally or in writing at the meeting. Any changes resulting from this conference will be issued in a written addendum to the solicitation to potential Offerors who attended the pre-proposal conference.

TYPE OF CONTRACT: Fixed price contract, with the final cost of the contract to be determined after a review of cost proposals and contract negotiations. Phase 1 and Phase 2 are to be priced separately, but will be awarded concurrently subject to appropriation.

NOTICE OF AWARD: Notice of contract award will be on or about November 8 2018, with Phase 1 completion required within approximately five months of the notice to proceed (NTP). NTP for Phase 2 will be on or about July 1, 2019, with anticipated completion of the entire system required within an additional 9-month period.

PERIOD OF PERFORMANCE: The performance period of this contract is the completion of Phases 1 and 2 noted above and for additional years of maintenance service with one two year option to renew. During the three to five year maintenance period, the NVTA may issue non-maintenance work task orders for amendments to the PMMS developed through this engagement. Each non-maintenance task order will be separately specified and priced.

INSTRUCTIONS TO OFFERORS

1. PURPOSE OF RFP/SCOPE OF WORK:

The purpose of this RFP is to procure technical services that will develop a cloud-based online PMMS that will support the selection and oversight of NVTA-funded projects. There is currently no automated process for these functions.

2. EXPLANATION TO OFFERORS: A request for any explanation desired by an Offeror regarding the meaning or interpretation of this RFP, specification, or other solicitation documents must be in writing and submitted by 12:00 Noon on September 14, 2018 or at the Pre-Proposal Conference to allow sufficient time for a reply to reach all Offerors. Emailing such requests to Keith.Jasper@thenovaauthority.org is acceptable.

It shall be the obligation of the Offeror to exercise due diligence to discover and to bring to the attention of NVTA, at the earliest possible time, any ambiguities, inconsistencies, or conflicts in or between any of the technical or contractual provisions in the RFP.

Any change made by NVTA will be in the form of an amendment to the RFP and will be furnished to all prospective Offerors that attended the Pre-Proposal Conference.

3. WRITTEN COMMUNICATIONS: NVTA will assume no responsibility for any understanding or representations concerning conditions made by any of its officers or agents prior to the execution of the contract, unless included in this RFP, the specifications or related documents or amendments thereto.

4. PROPOSAL PREPARATION COSTS: This RFP does not commit NVTA to an award, or to pay any costs associated with the preparation and/or submission of any proposal. NVTA will not reimburse any costs incurred by Offerors in responding to this RFP or in competing for contract award.

5. SUBMISSION OF PROPOSAL AND PROTECTION OF PROPRIETARY INFORMATION: For the technical proposal, one original and 5 paper copies plus one electronic file of the technical proposal on a USB flash drive are due not later than 12:00 PM (noon) on October 5, 2018. In addition, four printed copies of the price proposals bound separately must be submitted. For the price proposal, two files (one file for the written price proposal and an Excel file for the Price Proposal Summary table)

should be included on the same USB flash drive and must arrive by the same deadline. NVTA reserves the right to reject any and all proposals received after that time. NVTA also reserves the right to waive irregularities. Separate paper and electronic technical and price proposals must be submitted. The USB flash drive required above must contain only one file of the technical proposal, one file of the cost proposal and one Excel file with the Price Proposal summary table.

Submit proposal package to NVTA's Contract Manager for the project:

Ms. Peggy Teal, Assistant Finance Officer
Northern Virginia Transportation Authority
3040 Williams Drive, Suite 200
Fairfax, VA 22031

A proposal may be mailed or delivered in person to NVTA prior to the due date. Delivery of proposals can be made between 9:00 A.M. and 4:00 P.M., on regular business days Monday through Friday. Note: proposals must arrive at or before 12:00 PM (noon) on October 5, 2018.

Consistent with state statutes, NVTA will provide all reasonable precautions to ensure that proprietary information remains within the review process. The Offeror shall attach to any proprietary information the following legend and identify the specific reason(s) for this designation as permitted in the Code of Virginia:

Specific data as indicated are furnished pursuant to RFP # 2019-01 and shall not be disclosed outside of NVTA, be duplicated, or used, in whole or in part, for any purpose other than to evaluate the proposal. The reasons for protecting these data are defined in the Code of Virginia. This restriction does not limit NVTA's right to use information contained in these data if it is or has been obtained by NVTA from another source.

Except for the foregoing limitation, NVTA may duplicate, use and disclose in any manner and for any purpose whatsoever and have others do so, all data furnished in response to this RFP.

6. **PROPOSAL ACCEPTANCE PERIOD:** The proposal shall be binding upon the Offeror for 120 calendar days following the proposal submission date. Any proposal on which the Offeror shortens the acceptance period may be rejected, although the acceptance period may be extended by mutual agreement between NVTA and the Offeror.
7. **AWARD OF THE CONTRACT:** NVTA will award the contract on the basis of the evaluation factors included in the RFP to the Offeror deemed to be fully qualified and best suited among those submitting responsive and responsible proposals. Negotiation will be conducted with at minimum the top two ranked Offerors. Offerors are cautioned to ensure that all representations in the proposal are complete and accurate.

After negotiations have been conducted with each Offeror so selected, NVTA shall select the Offeror, which, in NVTA's opinion, has made the best proposal and shall award the contract to that Offeror. NVTA may cancel this RFP or reject a proposal at any time prior to an award, and is not required to furnish a statement of the reason why a particular proposal was not deemed to be the most advantageous. The award document will be a contract incorporating by reference all the requirements, terms and conditions of this RFP, Contract Provisions, and the Offeror's Proposal as agreed upon by NVTA, plus such other terms and conditions as may be mutually agreed.

- 8. DELAYS IN AWARD:** Delays in award of a contract, beyond the anticipated starting date, may result in a change in the contract period indicated in the solicitation. If this situation occurs, NVTA reserves the right to award a contract covering the period equal to or less than the initial term indicated in the solicitation.
- 9. AWARD FOR ALL OR PART:** Unless otherwise specified, NVTA may, if it is in the best interest of NVTA to do so, after negotiation, award all or part of the proposal to any Offeror whose proposal is the most responsible and responsive and whose proposal meets the requirements and criteria set forth in the Request for Proposals with respect to the items in question.
- 10. REJECTION OF PROPOSALS:** NVTA expressly reserves the right to reject any or all proposals or any part of a proposal, and resolicit the services in question, if such action is deemed to be in the best interest of NVTA.
- 11. SINGLE PROPOSAL:** If a single conforming proposal is received, a price and/or cost analysis of the Proposal shall be made by NVTA.
- It should be recognized that a price analysis through comparison to other similar contracts shall be based on an established or competitive price of the elements used in the comparison.
 - The comparison shall be made to the cost of similar projects and involve similar specifications.
- 12. PROTEST OF AWARD:** An Offeror wishing to protest a decision to award a contract must submit the protest, in writing, to the NVTA Executive Director, no later than 14 calendar days after the public decision by the Authority to award the contract. The protest must include the basis for the protest and the relief sought. Within 14 calendar days after receipt of the protest, the Executive Director of NVTA will issue a written decision stating the decision on the protest and the reasons for the action taken. This decision is final. Further action, if desired by an Offeror, must be taken by instituting action as provided by the Code of Virginia.
- 13. COMPETITIVE NEGOTIATION**
- a. General - This procurement will be conducted using the procedures of competitive negotiation of technical proposals.
- b. Interviews and Negotiations - After receipt of initial proposals, written or oral discussions will be conducted with at least the two highest rated responsive Offerors to the extent necessary to rank order the proposals, resolve uncertainties and consider any revisions. Basic questions will not be left for later agreement during price revisions or other supplemental proceedings.
- All Offerors selected to participate in negotiations will be offered an equal opportunity to submit technical or other revisions as required. Complete agreement on all basic requirements shall be the objective of these negotiations.
- c. Complete Proposals – Offerors are urged to ensure that price and technical proposals are full and complete.

- d. Best and Final Offer – Once negotiations are complete with at least two Offerors notice will be provided of the specified time and date to submit their Best and Final Offer. The Best and Final Offer shall be each Offeror’s most favorable price proposal for the technical proposal which has been clarified and agreed to during negotiations.

14. REQUIREMENTS OF THE SEPARATE TECHNICAL AND PRICE PROPOSALS:

The technical proposal shall include:

- a) **Title Page** - show the name of the Offeror’s firm, local address, telephone number, name of contact person and date.
- b) **Table of Contents.**
- c) **Letter of Transmittal summarizing the proposal.**
- d) **Technical Approach (10 page maximum):**

This section should describe the project understanding, proposed technical approach, and management plan. The proposal must address in depth the Offeror’s plans to meet the requirements of each of the tasks and activities outlined in the “Scope of Work” of this RFP, including the staffing levels required to complete each task, and the relative effort that each member of the proposed project team will devote to the project. This section must include a task-by-task/sub-task-by-sub-task schedule of the time required to complete the project, supported by the proposed hours the Offeror agrees to commit to each task. This schedule must identify the major milestones, project deliverables, and estimated total time to complete each task in order to complete the entire project Phase within the schedule noted in the Scope of Work.

Each Offeror shall cover all of the requirements of the Scope of Work and provide sufficient specific information to effectively demonstrate the Offeror’s technical capability to perform all work required under these specifications. The Offeror shall submit information to enable NVTa to ascertain how the proposal will meet the specifications contained herein and in accordance with the Evaluation Criteria.

The Offeror shall explain how they will approach the tasks and identify any options that they believe will be necessary to complete the project and meet the needs of the NVTa.

- e) **Project Staffing (Qualifications and Experience)**

This section must include the qualifications of the key personnel that will be assigned to this project. At a minimum, the proposal should designate a project manager, and include the organization, functional discipline, and responsibilities of project team members.

Resumes of no more than two pages each should be provided for all key personnel proposed.

The Offeror should clearly state if it is proposing to subcontract any of the work herein. The names of subcontractors are to be provided and by proposing such firm(s) or individuals, the Offeror assumes full liability for the subcontractor’s performance.

- f) **Firm(s) Experience and Capabilities**

The purpose of this section is to provide NVTA with an overview description of the Offeror's company plus the Offeror's commitment to performing the services set forth in the RFP. The Offeror must also specify, in a similar manner, the qualifications of any subcontractors to be used in this proposed project.

Offerors shall identify a minimum of three projects performed over the last five years, similar or equivalent in size and scope to the work described in the solicitation. **Project descriptions, limited to two pages each**, should describe relevant work previously performed by the Offeror and proposed subcontractors. In addition to a concise description of the technical work performed under the contract, project descriptions should include the name of the client, contact person, title, address, phone number, and direct email address. Project descriptions should also provide the contract number and contract value and the time period of performance.

In addition to the above, the Offeror shall provide a list of contracts within the past five years, if any, on which failure to complete the work within the specified time resulted either in the assessment of damages or contract termination.

- g) A list of names, titles, telephone numbers and email addresses of persons authorized to conduct negotiations.
- h) Acknowledgment of receipt of all NVTA amendments to this RFP in the Technical proposal.
- i) Attachments
 - Attachment A: RFP Submission Form.
 - Attachment B: NVTA Insurance Coverage Required.
- j) Price Proposal (Separately Bound) which includes:**
 - a. Title page – name of the firm, local address, telephone number, fax, email, name of contact person and date.
 - b. Exhibit (EXCEL) showing a non-binding estimate of the price by phase and task The Offerors should explain and provide details of any conditions which might increase or reduce the cost of the proposed services.
 - c. Attachment C. Price Proposal (Bound Separately in Price Proposal)

15. PROPOSAL EVALUATION: NVTA will use the best value selection method as the basis for award. The proposals will be evaluated by a selection panel comprising NVTA staff, regional jurisdiction and/or agency staff. Recommendations made by this selection panel will be reviewed by the NVTA's Chief Financial Officer (CFO). Upon review of the CFO at least the top two ranked firms will be contacted for negotiation. Once the negotiation process is complete and the selected vendors have submitted their best and final offers, the selection panel will meet again to make a selection recommendation to the CFO prior to presentment to NVTA's Executive Director. The CFO will present the proposed selection to the NVTA Finance Committee/Authority Board. Upon review by the NVTA Finance Committee, the Executive Director, in turn, will make a recommendation to NVTA's governing body, which must act to approve the contract award. All proposals will be evaluated for responsiveness and responsibility. At least two proposals ranked highest based on the evaluation criteria set forth in this RFP, will enter into negotiations with the selection panel.

The panel shall conduct an evaluation based on information set forth in the proposal, past performance, and references of each firm.

Selection Criteria and Weighting

| | |
|---|------------|
| Proposed Technical Approach | 50 points |
| Relevant Recent Experience of Team | 40 points |
| Relevant Recent Experience of Key Staff | 10 points |
| Total | 100 points |

Based on the results of the preliminary evaluation, at least the two highest ranked firms will be invited to make oral presentations to the selection panel. Such presentations may include, but are not necessarily limited to, explanations of the proposed approach, work plan, and qualifications of the firm(s). This panel will then conduct a final evaluation of the firms.

After negotiations and review of the best and final offer, the award will be made to the responsible Offeror whose offer conforms to the solicitation and is most advantageous to NVTA, cost and other factors considered. For this solicitation, technical quality is more important than cost. As proposals become more equal in their technical merit, the evaluated cost becomes more important.

16. **QUALIFICATIONS OF OFFERORS:** NVTA may make such reasonable investigations as deemed proper and necessary to determine the ability of the Offeror to furnish the item(s) and the Offeror shall provide NVTA all such information and data for this purpose as may be requested. NVTA reserves the right to reject any proposal if the evidence submitted by, or investigation of, such Offeror fails to satisfy NVTA that such Offeror is properly qualified to carry out the obligations of the contract and to provide the services and/or goods contemplated therein.
17. **REVISIONS PRIOR TO DATE SET FOR RECEIPT OF PROPOSALS:** NVTA reserves the right to revise or amend RFP # 2019-01 prior to the date set for receipt of proposals. Such revisions and amendments, if any, will be announced by an amendment or amendments to this RFP. Copies of such amendments as may be issued, will be furnished to all prospective Offerors and will be posted on NVTA’s website. If the revisions and amendments require material changes, the date set for receipt of proposals may be postponed by such number of days that, in the opinion of NVTA, will enable Offerors to revise their proposals. In such cases, the amendment will include an announcement of the new date for receipt of proposals.
18. **ACKNOWLEDGEMENT OF AMENDMENTS:** Offerors are required to acknowledge receipt of all amendments to this RFP in the Technical proposal. Failure to acknowledge all amendments may cause the proposal to be considered not responsive to this RFP.
19. **KEY PERSONNEL:** Certain, skilled, experienced, professional and/or technical personnel are essential for successful accomplishment of the work to be performed under the contract. These are defined as “Key Personnel” and are those persons whose resumes were submitted as part of the technical proposal for evaluation. Key personnel are expected to work on the contract for its duration, so long as they continue to be employed by the Consultant, unless removed from work on the contract with the consent of, or at the request of, the NVTA.

20. ADDITIONAL INFORMATION: NVTA reserves the right to ask any Offeror to clarify its offer.

21. CONFLICT OF INTEREST: The successful Offeror and their officers and employees shall comply with the provisions of the Virginia Conflict of Interest Act (Section 2.1-639.1 et. seq., VA Code Ann.), the terms of which are incorporated herein by reference.

NVTA is intent on avoiding conflicts of interest associated with the award of the contract(s). To these ends, Offerors must identify existing and prospective contractual relations they have (or could have) which could present sources of conflict as part of the proposal submission.

22. DISADVANTAGED BUSINESS ENTERPRISE (DBE): Where it is practicable for any portion of the awarded contract to be subcontracted, the Offeror is encouraged to offer such business to minority and/or women-owned businesses.

23. NONDISCRIMINATION: Offeror shall not be discriminated against in the solicitation or award of this contract because of race, religion, color, sex, national origin, age, disability, or faith-based organization.

24. INSURANCE CHECKLIST: A checklist of required insurance coverage is Attachment B and identified as “NVTA Insurance Coverage Required”. Items marked “X” are required to be provided. A certificate of insurance indicating these coverages should accompany the offeror’s response to the RFP. A copy of the declarations page is acceptable for errors and omissions insurance. If insurance is incomplete, the Offeror should provide a letter from its insurance agent stating that the Offeror is eligible to obtain insurance to the prescribed limits, should a contractual offer be extended. Technical proposals must note any desired exceptions to the insurance coverage. Offerors may submit proposed alternatives.

25. CONTRACT MANAGER, PROJECT MANAGER AND PROJECT OFFICER: For this project, the following individuals will serve as managers and officer:

| <u>Contract Manager</u> | <u>Project Manager</u> | <u>Project Officer</u> |
|---|---|---|
| Peggy Teal Assistant Finance Officer | Keith Jasper Principal, Transportation Planning and Programming | Michael Longhi Chief Financial Officer |
| NVTA | NVTA | NVTA |

26. PROCUREMENT SCHEDULE

Please note that dates are tentative and may change without notice.

| <u>Date</u> | <u>Activity</u> |
|----------------------------------|------------------------------|
| September 6, 2018 | Issue RFP |
| Sept. 14, 2018 at 12:00PM (Noon) | Written Questions on RFP Due |
| September 17, 2018 at 1:00 PM | Pre-proposal Conference |
| Oct. 5, 2018 at 12:00 PM (Noon) | Proposal Due Date |

| | |
|---------------------|-----------------------------|
| October 11, 2018 | Short-listed firms notified |
| October 15-16, 2018 | Oral Presentations |
| November 8, 2018 | NVTA Approval of Award |
| November 13, 2018 | Phase 1 Kick-off meeting |

27. NOTICE OF AWARD: The successful Offeror will be notified in writing by mail or otherwise that its proposal has been accepted and that it is to be awarded the contract. The notice of award should not be construed as a "Notice to Proceed."

28. EXECUTION OF CONTRACT: The successful Offeror shall execute the contract and furnish the Insurance Certificates to NVTA within 10 calendar days after the Notice of Award has been issued. The contract will be in writing and shall be executed in the number of copies required by NVTA. One fully executed original shall be delivered to the Consultant. A Notice to Proceed will not be issued until the contract has been executed and all supporting materials are received by NVTA. Contract performance shall begin on the date set forth in the written Notice to Proceed.

Background:

The NVTA is a regional governmental body that focuses on improving mobility and quality of life for Northern Virginians. The NVTA plans, prioritizes, and funds multi-modal transportation projects across the region. Established in 2002, the NVTA selects projects for funding within the legislative framework established by the General Assembly, mostly since 2012. While robust, data-driven, and transparent, the NVTA's project application, review, selection, monitoring, and reporting processes continue to evolve and mature. By streamlining and enhancing these processes, the PMMS represents the next step in this evolution.

The PMMS will enable Northern Virginia jurisdictions and agencies to submit project-funding applications through an online process, rather than by emailing a Word document and related attachments for each candidate project. The PMMS will enable NVTA staff to efficiently review, recommend, monitor, and report on current and future projects, and associated funding programs. The PMMS will support the Authority's core values of transparency, stewardship, and accountability. NVTA will collaborate with Northern Virginia jurisdictions and agencies as it develops and implements the PMMS. In the future, it is envisioned that the functionality of the PMMS will be enhanced as the Authority's funding programs continue to evolve and in response to feedback from system users.

Following project approval, the NVTA executes Standard Project Agreements (SPAs) with jurisdictions/agencies for each approved project. Most of the PMMS data inputs are collected at the SPA level. It is important to note that individual projects may have multiple SPAs from successive NVTA funding program cycles related to different phases of the project.

As of July 1, 2018, the Authority has, or is in the process of, advancing 122 SPAs for 95 discreet projects, totaling more than \$1.975 billion in regional, multi-modal transportation investments for Northern Virginia's transportation system. Future funding programs (every two years) will result in additional SPAs for current and new projects. Even when projects are completed and SPAs are closed, the NVTA retains an oversight responsibility to protect the Authority's investments.

As with many of NVTA's current business processes, the process for SPA development, review, and approval is a largely manual one. Each SPA packet includes the agreement document and a series of Appendices. The PMMS will enable partial automation of this process.

The PMMS includes three components:

- A. Online Project Application – to replace the current manual project application process with a secure online application form.
- B. Project/SPA Status Monitoring – to streamline and enhance the workflow of monthly/quarterly project activity monitoring and reporting.
- C. Project Dashboard – web-based dashboard to present selected data/information gathered in components A and B to Northern Virginians, in a visually engaging and interactive manner.

As mentioned above, component A will be implemented in Phase 1, and components B and C will be implemented in Phase 2. However, the development of components B and C must be considered during Phase 1.

Due to the number of jurisdictions and agencies expected to use the PMMS, it must work on multiple internet platforms, e.g. Chrome, Internet Explorer, Safari, and Firefox.

Scope of Work

A. Online Project Application

This component will streamline the application process for future funding program cycles.

1. Previously, jurisdiction/agency staff were required to complete a Word-based application form for each candidate project-funding request.¹
2. This manual process is both inefficient and without any logic checks for data completeness, consistency, and accuracy, necessitating time-consuming reviews, requests for clarifications, and subsequent corrections.
3. The online application form shall be substantially based on the Word-based application form referenced above. Users shall be provided with the capability to frequently save an active application prior to formal submittal, with alerts regarding empty data fields. Users shall be prevented from submitting applications with empty data fields or other logic errors.
4. The online application form shall make extensive use of dropdown menus and mouse-hover information features. NVTA staff will also provide logic and consistency checks that shall be incorporated. Certain financial information shall be automatically computed and displayed to the user in fields that cannot be edited.
5. 17 Northern Virginia jurisdictions/agencies are eligible to submit project applications to NVTA: four counties, five cities, five largest towns, and three transit agencies. Capacity for additional unspecified accounts (minimum of ten entities) is also required.
6. Jurisdiction/agency staff will be provided with login credentials, typically an email address, ensuring convenient and secure access consistent with current best practices. Users shall be provided the ability to set and reset their individual passwords in a manner consistent with current best practices.
7. NVTA staff shall have the ability to lock user accounts and reset logins and passwords.

¹ Project application form for the NVTA FY2018-2023 Six Year Program <http://www.thenovaauthority.org/wp-content/uploads/2018-2023-SYP-Project-Application-Form-v6.docx>

8. Three categories of user are required for each jurisdiction/agency/entity: read-only, data-entry, and submitter. Jurisdiction/agency/entity staff shall only be provided access to project applications developed and submitted by their respective organizations.
9. NVTA staff will access the PMMS through a similar process. Unlike jurisdiction/agency staff, NVTA staff will be able to access and review all applications and provide review comments within the PMMS.
10. The proposed online application process component of the PMMS shall be fully tested and implemented prior to the beginning of the next Six Year Program (SYP) update cycle, with a Call for Regional Transportation Projects (CfRTP) tentatively scheduled for July 2019.
11. A beta version of the online project application form, and online jurisdiction/agency registration process, shall be operational for testing purposes by end of January 2019. A period of testing will follow during February 2019, with feedback-based refinements implemented and retested during March and April 2019.
12. This registration and application process shall be fully operational by the end of April 2019. The system must be capable of uploading supporting documents, with user-selected categorizations, e.g. governing body resolution.
13. NVTA staff must be provided with the capability to fully or partially open and close the online application process to some or all users.
14. Selected information provided for all projects during the application process will be incorporated into PMMS outputs that will be used for public engagement purposes.²
15. Projects that are subsequently approved for funding shall be incorporated into the active project database for analysis under components B and C, recognizing that specific project details including cost, funding levels, schedule, and other project details, may be amended during this process. An ability to track any such changes shall be provided.
16. In addition, selected information provided during the application and approval process for projects that are subsequently funded will be incorporated into exportable outputs that will be used for SPA development/execution purposes.
17. Projects that are not approved for funding shall be archived for potential retrieval, re-use, and amendment during subsequent SYP update cycles.

B. Project/SPA Status Monitoring

This component of the PMMS will streamline and enhance programmatic oversight activities, functioning as the main analytical engine of the PMMS.

1. The Authority has previously executed 78 SPAs. Over the next several years the Authority will incrementally execute an additional 44 SPAs related to the approved project funding applications for the FY 2018-2023 SYP. Depending on future project selection decisions, the total number of executed SPAs could double by 2030.
2. This component will provide online forms and supporting files for jurisdiction/agency staff to create and submit a complete SPA packet for NVTA review. A complete SPA packet contains the following:

² Samples of public engagement materials: <http://thenovaauthority.org/programming/fy2018-fy2023-six-year-program/public-engagement/>

- a. Signed SPA agreement document
 - b. Signed Appendix A (narrative description of project) with approved Project Description Form
 - c. Signed Appendix B (project budget and cash flow/expected drawdown)
 - d. Signed Appendix D (tax covenant)
 - e. Appendix E (Board/Council authorizing resolution)
3. After a SPA is executed, the system will archive the original copy, and will enable project applicants to update appendices A/B as needed until the SPA is closed out. There will also be an input form for project applicants to provide project activity status information. These updates, together with fund disbursement information, will enable NVTAs staff to create two reports – Monthly Status Report, and the Quarterly Status Report (QSR).
 4. Currently, a simple Word-based status report is included in the Executive Director’s monthly report to the Authority. While lengthy, this report contains mostly ‘static’ information that changes little from month to month, together with some high-level schedule and percent fund drawdown information.
 5. Not having project information in a data base format limits the sophistication of project performance monitoring. In its limited format, monthly updates for the current report require several days of back and forth communication between NVTAs and jurisdiction/agency staff. This component will automatically remind jurisdiction/agency staff to provide regular project status updates and enable them to submit responses directly to the system.
 6. The proposed Project/SPA Status Monitoring component will provide five major enhancements over current project status monitoring activities:
 7. It will allow jurisdictional/agency staff to log into the system (utilizing the same login process described above for the Online Project Application component), and upload more detailed and timely updates on project progress and completion/meeting dates, and to review the status information for their respective projects.
 8. It will increase efficiency and reduce potential errors and omissions.
 9. It will facilitate the capture of more detailed information than has hitherto been possible, e.g. photographic and video content, key milestone tracking, making the overall monitoring process more robust and valuable.
 10. It will provide a data-rich environment for component C, the Project Dashboard.
 11. Enable NVTAs to share the quarterly status report with jurisdiction/agency staff, Authority members and the public. This information form will form the basis for the ‘Past Performance’ qualitative measure used in the Authority’s project selection process.
 12. The current quarterly status report will form the basis for the development of this component.
 13. The system must be able to note project completion and completed projects maintained to provide an ‘inventory’ of transportation assets in use.
 - a. Asset Classifications such as perpetual, depreciable, service commitment will be provided to the developers.
 - b. Capacity for in service and out service dates must be provided with a comment section for out of service reason.

C. Project Dashboard

This component will provide a visual platform to display all programmatic oversight details including project progress, fund utilization, public meetings, and other details including GIS-based reporting.

1. The proposed 'customer-friendly' dashboard will be designed for the public to improve project transparency.
2. Initially the dashboard will contain project status information. When more data become available (not as part of this PMMS), it is envisioned that this dashboard will be further enhanced to include congestion and other transportation information.
3. An objective of this effort would be to provide an online tool similar to the Commonwealth's Smart Scale dashboard.
4. Other than the Authority's annual report, NVTA provides limited visualizations of project status information. The NVTA website does provide an interactive mapping tool, containing some project status information. However, most information is historic and in a non-visual format (tabular or spreadsheet), with limited interactive capabilities.
5. Initially, six topics will have been selected for inclusion in the dashboard:
 - a. Overarching.
 - b. Project summary.
 - c. Mode.
 - d. Location.
 - e. Project Progress.
 - f. Drawdown of Project Funds.

D. Roles and Responsibilities

1. To the extent possible, the PMMS will utilize commercial products configured to meet NVTA's specifications. The system must be developed in a manner that does not prevent PMMS from using new data sources and generating additional outputs.
2. The role of the selected offeror is to develop and implement the PMMS. Before the public launch, the offeror will trial run all functionalities of the system with NVTA staff. This may be conducted via online meeting collaboration, or on-site workshop. NVTA staff and jurisdiction/agency staff will perform data entry. NVTA staff will undertake data analysis. The selected offeror will perform system maintenance and upgrades on an as-needed ongoing basis.
3. NVTA's existing information technology (IT) infrastructure (application and file servers) is hosted off-site by a third party. The PMMS host server architecture will need to be coordinated with this existing (IT) infrastructure system. NVTA's web server host is InMotion.

Scope of Work

Task 1: Confirm project needs.

Objective: To draft a detailed statement of project need and associated solution framework plan by documenting current processes related to project applications, selection, monitoring, oversight and reporting.

Within a week of notice-to-proceed, the consultant shall hold a kick-off meeting with NVTA staff, to review current work flow practices and related spreadsheets/databases maintained by staff. Based on this review, the consultant shall refine and finalize the scope of work, and overall project approach, including inter-dependencies between tasks and PMMS components. Where appropriate, the selected offeror may suggest additional sub-tasks and deliverables. NVTA's Project Manager will have sole discretion to decide whether any action in any task is necessary. The selected offeror will also document the pertinent elements of NVTA's IT infrastructure, and identify any apparent deficiencies relevant to deployment of PMMS.

Deliverables:

1. Project kick-off meeting with NVTA staff.
2. Finalized scope of work and project approach.
3. IT infrastructure documentation.

Schedule:

- Within four weeks of NTP

Task 2: Research state-of-practice solutions.

Objective: To ensure a robust business analytics approach that meets not only the current needs but also potential future enhancements, e.g. third party transportation trend data.

The consultant shall research and document other similar online systems nationwide and internationally, and suggest a state-of-practice solution that can be achieved within the budget/schedule constraints.

Deliverables:

- Summary research findings.

Schedule

- Within four weeks of NTP

Task 3: Develop beta system for component A.

Objective: To develop an online project application system that NVTA staff and jurisdiction/agency staff can test.

As mentioned in the "Proposed System Components" section, NVTA staff had been utilizing a Word-based application form to receive project fund applications from local applicants. Based on the insights gained from the last 4 rounds of funding programs, NVTA staff has

drafted a spreadsheet template to enhance the process. This spreadsheet template will serve as a starting point for the consultant. Based on this template, and research inputs from Task 2, the consultant shall develop an interactive logic-driven online form. The selected offeror shall develop a login credentialing process in parallel with the beta version of component A, which will be part of the beta testing. The selected offeror shall train and support NVTA staff to upload information related to drop down menus, e.g. jurisdiction and agency names, previously funded project lists.

Deliverables:

1. A beta version online project application form.
2. Hands-on training session with instruction manual and process documentation.

Schedule:

- By end of January 2019.

Task 4: Finalize and launch component A.

Objective: To implement finalized online project application form.

Beta testing will take place during February 2019. During and after the beta testing period, the selected offeror shall collect and document users' comments, concerns, and suggestions. If necessary, and with the Project Manager's approval, the selected offeror shall refine and finalize the beta system and launch the online project application form.

Deliverables:

1. Summary of users' inputs and resulting component modifications (if any).
2. Final version of the online project application form.

Schedule:

- By end of April 2019.

Task 5: Provide Phase 1 maintenance support.

Objective: To ensure a smooth rollout of Component A, and to provide maintenance support during the online application period.

Shortly after completion of Task 4, all test credentials and project application data (but not data entered by NVTA staff related to dropdown menus) must be removed.

At this point, jurisdiction/agency staff will be able to formally submit credential information. It is envisioned that online applications will be submitted from mid-July 2019 through the end of September 2019, with some document uploads continuing through the end of November 2019.

Deliverables:

- Maintenance support.

Schedule:

- Through end of November 2019.

Task 6: Develop beta system for components B and C.

Objective: To develop a trial system for project monitoring and visualizations.

NVTA staff has been collecting information on project activities mostly via manual transactions, and processing in spreadsheets and GIS databases for reporting. Following a review of these documents, and building on the outputs from previous tasks, the selected offeror shall develop a series of online input forms to provide various project updates (e.g. status information, appendices A/B updates). All these inputs will be processed to create a central relational database schema that enhances both data collection and reporting. For project status visualization on the Project Dashboard (component C), the Project Team has derived broad topic areas and associated metrics. The selected offeror shall review and provide suggestions on this proposed metric scheme, and propose visualization options. Based on inputs received from NVTA staff on these proposals, the consultant shall develop a beta system to solicit inputs from jurisdiction/agency staff. It is important to visualize/communicate performance while recognizing that performance may be influenced by external factors beyond the control of the Authority, jurisdictions, agencies, and their respective staff.

Deliverables:

1. List of suggestions/comments on Dashboard metrics schema developed by NVTA staff.
2. Beta versions of systems that primarily encompass components B and C, but also ultimately form interconnectivity with component A.

Schedule:

1. This task is the first in Phase 2 and requires a specific NTP. This is expected to occur as soon as practicable after July 1, 2019.
2. Through end of November 2019.

Task 7: Finalize and launch the complete PMMS.

Objective: To implement a comprehensive online analytical tool with the framework developed in previous tasks.

Based on inputs received selected offeror shall implement the complete system. The selected offeror shall train and support NVTA staff to use the system.

Deliverables:

1. A complete cloud-based analytical PMMS.
2. Hands-on training session with instruction manual and process documentation.

Schedule:

- Through end of March 2020.

Task 8: Provide Phase 2 maintenance support.

Objective: To ensure a smooth rollout of Components B and C, and to provide maintenance support during the initial launch period.

Shortly after completion of Task 7, all test credentials and project application data (but not data entered by NVTA staff related to dropdown menus) must be removed.

At this point, jurisdiction/agency staff will be able to formal submit credential information. It is envisioned that online applications will be submitted from mid-July 2019 through the end of September 2019, with some document uploads continuing through the end of November 2019.

Deliverables:

- Maintenance support.

PAYMENTS TO CONSULTANT

1. **PAYMENT TERMS:** Monthly progress payments will be made to the firm receiving the contract award (hereinafter known as Consultant) by NVTA for work performed satisfactorily according to project milestones. The Consultant should submit monthly progress reports simultaneously with its invoices. NVTA will retain a 10% contingency from each invoice submitted. Payment for amounts withheld shall be made at the end of the project within 45 days of receipt and acceptance of all products by NVTA.
2. **INVOICES:** A copy of all invoices for services delivered and accepted shall be submitted by the Consultant directly to each of the payment addresses shown below:

Northern Virginia Transportation Authority
Attn: Ms. Peggy Teal – Contract Manager
3040 Williams Drive, Suite 200
Fairfax, Virginia 22031

The NVTA Contract Manager will obtain written approval from the NVTA Project Manager prior to signing off on the invoice.

Invoices, at a minimum, shall contain the following information:

- a. Name, Address, Email, Telephone and Fax Number of Consultant
 - b. NVTA Contract Number
 - c. Invoice Number
 - d. Date of Invoice
 - e. Description of Services Rendered, Tied to Relevant Deliverable(s)
 - f. Hours by Employee Keyed to Specific Tasks in the Scope of Work, with Associated Costs and Fees, Plus Documented Expenses.
 - g. Total Invoice Amount
 - h. Consultant's Signature
 - i. Federal Employer Identification Number
3. **TAXES:** The NVTA excise tax exemption registration number will be furnished upon request.
 4. **LIQUIDATED DAMAGES:** Even if no specific amount of liquidated damages will apply NVTA reserves the right to obtain appropriate compensation for delays beyond the contractual schedule that are attributable to Consultant performance.
 5. **AVAILABILITY OF FUNDS:** It is understood and agreed between the parties herein that NVTA shall be bound thereunder only to the extent of the funds available or which may hereafter become available for the purpose of this contract.
 6. **PAYMENT TO SUBCONTRACTOR:** A Consultant is hereby obligated:

- a. To pay the subcontractor within seven days of the Consultant's receipt of payment from NVTA for the proportionate share of the payment received for work performed by the subcontractor under the contract; or
- b. To notify NVTA and the subcontractor, in writing, of the Consultant's intention to withhold payment and the reason.

The Consultant is obligated to pay the subcontractor interest at the rate of one percent per month (unless otherwise provided under the terms of the contract) on all amounts owed by the Consultant that remain unpaid seven days following receipt of payment from NVTA, except for amounts withheld as stated in Section (b) above. The date of mailing of any payment by U.S. mail is deemed to be payment to the addressee. These provisions apply to each sub-tier contractor performing under the primary contract. Consultant's obligation to pay an interest charge to a subcontractor shall not be construed to be an obligation of NVTA.

Consultant agrees to return any retainage payments to each subcontractor within 30 days after the subcontractor's work is satisfactorily completed. Any delay or postponement of payment may occur only for good cause following written approval of NVTA. This clause applies to both DBE and non-DBE subcontractors. Work may be credited toward DBE goals only when payments are actually made to DBEs.

7. **AUTHORIZED FUNDING:** If at any time Consultant has reason to believe that the costs to NVTA that will accrue in the performance of the contract/task order(s) in the next succeeding 30 days, when added to all other payments previously accrued, will exceed 75% of the then current total authorized funding, Consultant shall notify NVTA to that effect, advising of the estimate of additional funds required for completion of the contract/task order. NVTA shall not be obligated to reimburse Consultant for any work performed, if in the performance thereof the total funding then allotted to the contract/task order will be exceeded.

NVTA shall not be obligated to pay the Consultant any amount in excess of the ceiling price reflected in the contract and/or task order until the NVTA Project Officer shall have notified the Consultant in writing that the price has been increased and shall have specified in the notice a revised price that shall constitute the price for performance under this contract/task order. When and to the extent that the price set forth in the contract and/or task order has been increased, any hours expended and material costs incurred by the Consultant in excess of the price before the increase shall be allowable to the same extent as if the hours expended and material costs had been incurred after the increase in the price.

CONSULTANT TERMS AND CONDITIONS

1. **CONTRACT REQUIREMENTS:** NVTA follows Virginia procurement laws. Accordingly, all applicable federal and state requirements will apply. Consultants are expected to be familiar with these requirements. NVTA will provide a contract containing these provisions for execution by the Consultant. Consultants should not expect to use their own standard contracts for this engagement.

This solicitation is subject to the provisions of the Commonwealth of Virginia Vendors Manual and any changes or revisions thereto, which will be incorporated into the contract in their entirety. A copy of the manual is accessible on the Internet at www.dgs.state.va.us/dps and "Manuals."

The final contract will contain provisions similar to those set forth below.

2. **APPLICABLE LAW AND COURTS:** Any contract resulting from this solicitation shall be governed in all respects by the laws of the Commonwealth of Virginia and any litigation with respect thereto shall be brought in the courts of the Commonwealth. The Consultant shall comply with applicable federal, state, and local laws, rules and regulations.
3. **PRECEDENCE OF TERMS:** In the event of an inconsistency between the Request for Proposal, the Contract Terms and Conditions, other included documents, or federal and state procurement law, the inconsistency shall be resolved by the following order of precedence:
 - a) Virginia's Public Procurement Act, as amended
 - b) Contract Terms and Conditions
 - c) Request for Proposal (RFP)
 - d) Consultant's Accepted Proposal
4. **OBLIGATION OF CONSULTANT:** By accepting the award, the Consultant agrees that it has satisfied itself from a personal investigation of the conditions to be met, that the obligations herein are fully understood, and no claim may be made nor will there be any right to cancellation or relief from the contract because of any misunderstanding or lack of information.
5. **ASSIGNMENT OF CONTRACT AND SUBCONTRACTING:** Contract/task order(s) shall not be assignable by the Consultant in whole or in part without the written consent of NVTA. In the event that the Consultant desires to subcontract some part of the work specified herein, the Consultant shall furnish to NVTA the names, qualifications and experience of the proposed subcontractors. The Consultant shall, however, remain fully liable and responsible for the work to be done by his subcontractor(s) and shall assure compliance with all requirements of the contract.
6. **CONSULTANT RESPONSIBILITIES:** Consultant shall be responsible for completely supervising and directing the work under this contract and all subcontractors that it may utilize, using its best skill and attention. Subcontractors who perform work under this contract shall be responsible to the Consultant. Consultant agrees that it is as fully responsible for the acts and omissions of its subcontractors and of persons employed by the Consultant as it is for the acts and omissions of its own employees.

8. **CONTRACTUAL DISPUTES AND CLAIMS:** In accordance with Section 2.2-4363, VA Code Ann., this provision shall be followed for consideration and handling of all disputes and claims by the Consultant under this contract. Section 2.2-4365, VA Code Ann. is not applicable to this contract. Under no circumstances is this section an administrative appeals procedure governed by Section 2.2-4365, VA Code Ann. because Section 2.2-4365, VA Code Ann. is not applicable to this procurement.

Notice of the intent to submit a claim setting forth the basis for any claim shall be submitted in writing within ten days after the occurrence or the event giving rise to the claim or within ten days of discovering condition giving rise to the claim, whichever is later. In no event shall any claim arising out of this contract be filed after submission of the request for final payment by the Consultant.

Claims by the Consultant with respect to this contract shall be submitted in writing in the first instance for consideration by the Contract Manager. The decision of the Contract Manager shall be rendered in writing within 30 days from the receipt of the claim from the Consultant. If the Consultant is not satisfied with the decision or resolution of the Contract Manager, the Consultant may file a formal dispute with regard to the claim with the Project Officer within 30 days of the decision of the Contract Manager. The Project Officer shall reduce his/her decision to writing and shall mail or otherwise furnish a copy of his/her decision to the Consultant within 30 days of the receipt of the claim from the Consultant. The decision of the Project Officer shall be final and binding.

Should any decision-maker designated under this procedure fail to make a decision on a claim within the time period specified, then the claim is deemed to have been denied by the decision-maker. Pending a final determination of a claim, the Consultant shall proceed diligently with the performance of the work under this contract.

In accordance with the provisions of Section 2.2-4363, VA Code Ann., full compliance with this disputes and claim resolution procedure set forth in this Section shall be a precondition of the filing of any lawsuit by the Consultant against the NVTA arising out of the contract.

9. **DEFAULT:** In case of failure to deliver goods or services in accordance with the contract terms and conditions, NVTA, after due oral or written notice, may procure them from other sources and hold the Consultant responsible for any resulting additional purchase and administrative costs. This remedy shall be in addition to any other remedies that NVTA may have.
10. **TERMINATION FOR CONVENIENCE OR DEFAULT:** NVTA may terminate this contract, or any portion of it, by serving a written notice of termination on the Consultant. The notice shall state whether the termination is for convenience of NVTA or for the default of the Consultant. If the termination is for default, the notice shall state the manner in which the Consultant has failed to perform the requirements of the contract. The Consultant shall account for any property in its possession paid for from funds received from NVTA, or property supplied to the Consultant by NVTA. If the termination is for default, NVTA may fix the fee, if the contract provides for a fee, to be paid the Consultant in proportion to the value, if any, of work performed up to the time of termination. The Consultant shall promptly submit its termination claim to NVTA and the parties shall negotiate the termination settlement to be paid the Consultant.

If the termination is for the convenience of NVTA, the Consultant shall be paid its contract close-out costs, and a fee, if the contract provided for payment of a fee, in proportion to the work performed up to the time of termination.

If, after serving a notice of termination for default, NVTA determines that the Consultant has an excusable reason for not performing, such as strike, fire, flood, events which are not the fault of and are beyond the control of the Consultant, NVTA, after setting up a new work schedule, may allow the Consultant to continue work, or treat the termination as a termination for convenience.

The Consultant shall include provisions for termination for convenience of NVTA in any subcontract, and shall specifically include requirements that subcontractors make all reasonable efforts to mitigate damages which may be suffered. Failure to include such provisions shall bar the Consultant from any recovery from NVTA whatsoever of loss or damage sustained by a subcontractor as a consequence of termination for convenience.

11. **ANTITRUST:** By entering into a contract, Consultant conveys, sells, assigns, and transfers to NVTA all rights, title and interest it may now have or hereafter acquire under the antitrust laws of the United States and the Commonwealth of Virginia, relating to the particular goods or services purchased or acquired by NVTA under said contract.
12. **ACCESS TO RECORDS:** The Consultant agrees to provide NVTA access to any books, documents, papers and records of the Consultant that are directly pertinent to this contract for the purposes of making audits, examinations, excerpts and transcriptions.

Consultant agrees to maintain all books, records, accounts and reports required under this contract for a period of not less than three years after the date of termination or expiration of this contract, except in the event of litigation or settlement of claims arising from the performance of this contract, in which case the Consultant agrees to maintain same until NVTA or its duly authorized representatives, have disposed of all such litigation, appeals, claims or exceptions related thereto. The Consultant agrees to permit NVTA to reproduce project documents by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

13. **TESTING/INSPECTION:** NVTA reserves the right to conduct any test/inspection it may deem advisable to assure supplies and services conform to specifications.
14. **RELEASES, LICENSES, PERMITS AND AUTHORIZATIONS:** It is the Consultant's responsibility to obtain all releases, licenses, permits and other usage authorizations for all matters within its ordinary sphere of activity, including photographs, copyrighted materials, artwork or any other property or rights belonging to third parties obtained by the Consultant for use in performing services for NVTA, and shall save NVTA harmless from all claims, demands, expenses (including reasonable attorney's fees), liabilities, suits, and proceedings (including any brought in or before any court, administrative body, arbitration panel or other tribunal) against or involving NVTA on account of or arising out of such use. NVTA shall obtain the same for any such items obtained by NVTA which are used by the Consultant and hold the Consultant harmless.
15. **WARRANTY:** All materials and equipment furnished by the Consultant shall be fully guaranteed against defects in material and workmanship in accordance with the most favorable commercial warranties the Consultant gives any customer for such supplies or services.

16. **RIGHTS IN DATA:** The term “subject data,” as used herein means recorded information, whether or not copyrighted, that is delivered or specified to be delivered under this contract. The term includes graphic or pictorial delineations in media such as drawings or photographs; text in specifications or related performance or design-type documents; machine forms such as punched cards, magnetic tape or computer memory printouts; and information retained in computer memory. Examples include, but are not limited to, computer software, engineering drawings and associated lists, specifications, standards, process sheets, manuals, technical reports, catalog item identifications, and related information. The term “subject data” does not include financial reports, cost analyses, and similar information incidental to contract administration.

All “subject data” first produced in the performance of this contract shall be the sole property of NVTA. The Consultant agrees not to assert any rights at common law or equity and not to establish any claim to statutory copyright in such data. Except for its own internal use, the Consultant may not publish or reproduce subject data, in whole or in part, or in any manner or form, nor authorize others to do so without the written consent of the NVTA, until such time as the NVTA may have either released or approved the release of such data to the public.

17. **PATENT RIGHTS:** If any invention, improvement, or discovery of the Consultant or any of its subcontractors is conceived or first actually reduced to practice in the course of this contract, and that invention, improvement, or discovery is patentable under the laws of the United States of America or any foreign country, the Consultant agrees to provide immediate notice and a detailed report to NVTA.
18. **IMMIGRATION REFORM AND CONTROL ACT OF 1986:** Consultant certifies that it does not and will not, during the performance of this contract, employ illegal alien workers or otherwise violate the provisions of the Federal Immigration Reform and Control Act of 1986.
19. **INDEMNIFICATION:** Consultant shall not seek to hold liable NVTA, or any of its officers, agents and employees for any claims of any nature whatsoever arising out of this contract or arising out of the activities funded in whole or in part by the contract. The Consultant shall defend, indemnify, save, and hold harmless NVTA, and its officers, agents, and employees against all claims and liability, including cost and expenses, due to the acts or omissions of Consultant or the acts or omissions of Consultant’s subcontractors, agents or employees. Consultant agrees to maintain adequate insurance to protect NVTA and its officers, agents, and employees from liability arising out of this contract.
20. **ETHICS IN PUBLIC CONTRACTING:** Consultant certifies that its proposal is made without collusion or fraud and that he/she has not offered or received any kickbacks or inducements from any other offeror, supplier, manufacturer or subcontractor in connection with their proposal, and that he/she has not conferred on any public employee having official responsibility for this procurement transaction any payment, loan, subscription, advance, deposit of money, services or anything of more than nominal value, present or promised, unless consideration of substantially equal or greater value was exchanged.

Consultant also must ensure that there is no real or perceived conflict of interest during the term of the contract.

21. **DEBARMENT STATUS:** By submitting this proposal, the Consultant certifies that it is not currently debarred by the Commonwealth of Virginia from submitting bids or proposals on contracts for the type of goods and/or services covered by this solicitation, nor is it an agent of any person or entity that is currently so debarred.

Consultant further certifies that it is not debarred, suspended, declared ineligible, or voluntarily excluded from participating in contracts with the federal government, and that it will refrain from awarding any subcontract to a debarred or suspended subcontractor. In addition, Consultant agrees to comply with the requirements of Executive Orders Nos. 12549 and 12689, "Debarment and Suspension," 31 USC Section 6101 note; and U.S. DOT regulations on debarment and suspension at 49 CFR Part 29.

22. **CIVIL RIGHTS:** Consultant certifies to NVTVA that it will conform to the provisions of the Federal Civil Rights Act of 1964, as amended, the Virginia Fair Employment Contracting Act of 1975, as amended, where applicable, the Virginians With Disabilities Act, the Americans with Disabilities Act, and §2.2-4311 of the Virginia Public Procurement Act (VPPA). The following requirements apply to the underlying contract:

- (1) Nondiscrimination - In accordance with Title VI of the Civil Rights Act, as amended, 42 U.S.C. § 2000d, section 303 of the Age Discrimination Act of 1975, as amended, 42 U.S.C. § 6102, section 202 of the Americans with Disabilities Act of 1990, 42 U.S.C. § 12132, and federal transit law at 49 U.S.C. § 5332, Consultant agrees that it will not discriminate against any employee or applicant for employment because of race, color, creed, national origin, sex, age, or disability. In addition, Consultant agrees to comply with applicable federal implementing regulations and other implementing requirements.
- (2) Equal Employment Opportunity - The following equal employment opportunity requirements apply to the underlying contract:
 - (a) Race, Color, Creed, National Origin, Sex - In accordance with Title VII of the Civil Rights Act, as amended, 42 U.S.C. § 2000e, Consultant agrees to comply with all applicable equal employment opportunity requirements of U.S. Department of Labor (U.S. DOL) regulations, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 C.F.R. Parts 60 et seq. (which implement Executive Order No. 11246, "Equal Employment Opportunity," as amended by Executive Order No. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," 42 U.S.C. § 2000e note), and with any applicable federal statutes, executive orders, regulations, and federal policies that may in the future affect construction activities undertaken in the course of the project. Consultant agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, creed, national origin, sex, or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training,

including apprenticeship. In addition, Consultant agrees to comply with any implementing requirements.

(b) Age - In accordance with section 4 of the Age Discrimination in Employment Act of 1967, as amended, 29 U.S.C. § § 623 and federal transit law at 49 U.S.C. § 5332, Consultant agrees to refrain from discrimination against present and prospective employees for reason of age. In addition, Consultant agrees to comply with any implementing requirements.

(c) Disabilities - In accordance with section 102 of the Americans with Disabilities Act, as amended, 42 U.S.C. § 12112, Consultant agrees that it will comply with the requirements of U.S. Equal Employment Opportunity Commission, "Regulations to Implement the Equal Employment Provisions of the Americans with Disabilities Act," 29 C.F.R. Part 1630, pertaining to employment of persons with disabilities. In addition, Consultant agrees to comply with any implementing requirements. Consultant agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause. Consultant, in all solicitations or advertisements for employees placed by or on behalf of Consultant, will state that Consultant is an equal opportunity employer. Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting these requirements.

(2) Consultant will include these Civil Rights provisions above in every subcontract or purchase order over \$10,000 and all subcontracts financed in whole or in part with federal assistance, modified only if necessary to identify the affected parties.

23. DISADVANTAGED BUSINESS ENTERPRISE (DBE): Where it is practicable for any portion of the awarded contract to be subcontracted, the Consultant is encouraged to offer such business to minority and/or women-owned businesses.

24. NON-DISCRIMINATION AGAINST FAITH-BASED ORGANIZATIONS: NVTA does not discriminate against faith-based organizations in procuring supplies and services.

25. INSURANCE REQUIREMENTS: A checklist of required insurance coverage is attached and identified as "NVTA Insurance Coverage Required." Items marked "X" are required to be provided. A certificate of insurance indicating these coverages must accompany the bid submission. A copy of the declarations page is acceptable for errors and omissions insurance. If insurance is incomplete, the prospective Consultant should provide a letter from its insurance agent stating that the prospective Consultant is eligible to obtain insurance to the prescribed limits, should a contractual offer be extended. No contract shall be finalized and no work shall commence until NVTA's insurance requirements are met.

Consultant agrees to include the provisions of the foregoing clause in every subcontract or purchase order so that the provisions will be binding upon each subcontractor or vendor.

1. Consultant shall be responsible for its work and every part thereof, and for all materials, equipment, and property of any and all description used in connection therewith. Consultant assumes all risks of direct and indirect damage or injury to any person or

property wherever located, resulting from any action, omission, commission, or operation under the contract, or in connection in any way whatsoever with the contracted work.

2. Consultant shall, during the continuance of all work under the contract provide and agree to maintain the following unless omitted from the attached "Insurance Checklist":
 - a. Workers' Compensation and Employers' Liability insurance under the Commonwealth of Virginia statutory requirements, to protect the firm from any liability or damages for any injuries (including death and disability) to any and all of its employees, volunteers, or subcontractors, including any and all liability or damage which may arise by virtue of any statute or law in force within the Commonwealth of Virginia, or which may be hereinafter enacted.
 - b. General Liability insurance in the amount prescribed by NVTA, to protect the Consultant, its subcontractors, and the interest of NVTA, against any and all injuries to third parties, including bodily injury and personal injury, wherever located, resulting from any action or operation under the contract or in connection with the contracted work. The General Liability insurance shall also include the Broad Form General Liability endorsement, in addition to coverages for explosion, collapse, and underground hazards, where required. Completed Operations Liability coverage shall continue in force for one year after completion of work.
 - c. Automobile Liability insurance, including property damage, covering all owned, non-owned, borrowed, leased, or rented vehicles operated by the Consultant. In addition, all mobile equipment used by the Consultant in connection with the contracted work, will be insured under either a standard Automobile Liability policy, or a Commercial General Liability policy.
3. Liability insurance may be arranged by General Liability and automobile Liability policies for the full limits required, or by a combination of underlying Liability policies for lesser limits with the remaining limits provided by an Excess or Umbrella Liability policy.
4. The Consultant agrees to provide insurance issued by companies admitted within the Commonwealth of Virginia, with the Best's Key Rating of at least A:VI.
5. NVTA shall be named an additional insured in the General Liability policies and stated so on the Certificate.
6. The Consultant will provide an original, signed Certificate of Insurance, evidencing such insurance and such endorsements as prescribed herein, and shall have it filed with the NVTA Assistant Finance Officer before a contract is executed and any work is started.
7. The Consultant will secure and maintain all insurance policies of its subcontractors, which shall be made available to NVTA on demand.
8. The Consultant will provide on demand, certified copies of all insurance coverage on behalf of the contract within 10 days of demand by NVTA. These certified copies will be sent to NVTA from the Consultant's insurance agent or representative.

9. No change, cancellation, or non-renewal shall be made in any insurance coverage without a 30 day written notice to the NVTA Contract Manager. The Consultant shall furnish a new certificate prior to any change or cancellation date. The failure of the Consultant to deliver a new and valid certificate will result in suspension of all payments until the new certificate is furnished to the NVTA Contract Manager.
 10. Insurance coverage required in these specifications shall be in force throughout the contract term. Should the Consultant fail to provide acceptable evidence of current insurance within five days of written notice at any time during the contract term, NVTA shall have the absolute right to terminate the contract without any further obligation to the Consultant, and the Consultant shall be liable to NVTA for the entire additional cost of procuring the incomplete portion of the contract at time of termination.
 11. Compliance by the Consultant and all subcontractors with the foregoing requirements as to carrying insurance shall not relieve the Consultant and all subcontractors of their liabilities and obligations under this hearing or under any other section or provisions of the contract.
 12. Contractual and other liability insurance provided under the contract shall not contain a supervision, inspection, or services exclusion that would preclude NVTA from supervising and/or inspecting the project as to the end result. The Consultant shall assume all on-the-job responsibilities as to the control of persons directly employed by it and of the subcontractors and any person employed by the subcontractor.
 13. Nothing contained herein shall be construed as creating any contractual relationship between the subcontractor and NVTA. The Consultant shall be as fully responsible to NVTA for the acts and omissions of the subcontractors and of persons employed by them as it is for acts and omissions of persons directly employed by it.
 14. Precaution shall be exercised at all times for the protection of persons (including employees) and property.
 15. Consultant and all subcontractors and sub-subcontractors are to comply with the Occupational Safety and Health Act of 1970, Public Law 91-956, as it may apply to the contract.
 16. If the Consultant does not wish to meet the specifications of these insurance requirements, alternate insurance coverage proposed by the Consultant, may be considered by the NVTA Project Officer.
- 26. CHANGES:** By written notice to the Consultant, NVTA may from time to time make changes within the general scope of the contract, in the services to be provided by the Consultant, the method or place of delivery, or the place of performance. Changes may also be made by mutual agreement between the parties in writing. The Consultant shall promptly comply with the notice and shall perform all services in conformity to the notice.

If any such change causes an increase or decrease in the Consultant's cost of performance or the time required for performance, an equitable adjustment in the contract price and/or the time allowed for performance of the contract shall be negotiated and the contract modified accordingly by written

supplemental agreement. Any claim by the Consultant for adjustment under this clause must be asserted by written notice to NVTA within 30 days from the date of receipt by the Consultant of the change notice. If the parties fail to agree to an adjustment, the question of an increase or decrease in the contract price or time allowed for performance shall be resolved in accordance with the procedures for resolving disputes provided by the disputes clause of the contract, or if there is none, in accordance with the disputes provision of the Commonwealth of Virginia's Vendor's Manual. Neither the existence of a claim, a dispute, submission of the dispute or the dispute resolution process, litigation or any portion of this provision or changes shall excuse the Consultant from promptly proceeding with performance of the contract as changed by the notice.

REQUIRED ATTACHMENTS/DOCUMENTS

Attachment A: RFP Submission Form.

Attachment B: NVTA Insurance Coverage Required.

Attachment C: Price Proposal - Bound Separately

ATTACHEMENT A
RFP SUBMISSION FORM

A. SUBMITTING BUSINESS ENTITY IDENTIFICATION & OWNERSHIP DISCLOSURE

Company: _____

Contact Person: _____

Email: _____

Title: _____

Address: _____

Telephone No.: _____

Indicate which of the following apply:

Corporation _____

Partnership _____

Sole Proprietor _____

Small Business _____

Organized under the laws of the State of _____

Principal place of business located at _____

Complete if appropriate:

Disadvantaged Business Enterprise (DBE) _____

Certified by _____

B. VIRGINIA CONFLICTS OF INTEREST & PUBLIC PROCUREMENT

This solicitation is subject to the provisions of Section 2.2-3100 et. seq., of the Code of Virginia (1950), as amended, (The Code), the Virginia State and Local Government Conflict of Interests Act, and Sections 2.2-4300 et. seq. of the Code, the Virginia Public Procurement Act.

The Offeror (____) is (____) is not aware of any information bearing on existence of any potential conflicts of interest or violation of ethics in public contracting. If yes, explain.

C. OTHER INFORMATION

1. General character of work performed by your firm:

2. Has your firm every failed to complete any work awarded to you? If yes, explain.

3. Has your firm ever defaulted on a contract? If yes, explain.

4. Indicate the names of subcontractors, if any, proposed for this project, anticipated role, anticipated level of effort, address, phone number, and contact person. Indicate if the subcontractor is a certified Disadvantaged Business Enterprise (DBE) and by whom they are certified.

5. Please indicate if your firm, subcontractor or any persons associated therewith in the capacity of owner, partner, director, officer or any other position involving the administration of federal funds:

- is currently under suspension, debarment, voluntary exclusion, or determination of ineligibility of any federal agency;
- has been suspended, debarred, voluntarily excluded, or determined ineligible by any federal agency within the last three (3) years;
- has a proposed debarment pending; or
- has been indicted, convicted, or had a civil judgment rendered against it or them by a court competent jurisdiction in any matter involving fraud or official misconduct within the past three (3) years.

Any of the above conditions will not necessarily result in denial of award, but will be considered in determining Offeror responsibility. For any condition noted, indicate to whom it applies, initiating agency, and date of action. Providing false information may result in federal criminal prosecution or administrative sanctions.

D. CERTIFICATION

I certify that this proposal is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a proposal for the same services, materials, supplies or equipment, and is in all respects fair and without collusion or fraud. I understand collusive bidding is a violation of the State and Federal law and can result in fines, prison, sentences, and civil damage awards.

I hereby certify that the responses to the above representations, certifications, and other statements are accurate and complete. I agree to abide by all conditions of this Request For Proposal and certify that I am authorized to sign for the Proposer.

Signature _____ Date _____

Name (Printed) _____ Title _____

ATTACHMENT B

**NORTHERN VIRGINIA TRANSPORTATION AUTHORITY
INSURANCE COVERAGE REQUIRED**

Items marked "X" are required to be provided if award is made to your firm. See specification section entitled "Insurance Requirements." Consultant's Insurance Agent shall mark a "check" ("Yes" or "No") as to availability of insurance. Note: If you have answered "No" to any of the requirements, provide written explanation on a separate sheet.

| | | COVERAGE REQUIRED | LIMITS (FIGURES DENOTE MINIMUM) | |
|-----|-----|-------------------|---|--|
| Yes | No | Required | | |
| ___ | ___ | <u>X</u> | 1. Workers' Compensation and Employers' Liability; Admitted in Virginia | 1. Statutory Limits of the Commonwealth of Virginia: Yes |
| ___ | ___ | | Employer's Liability | \$100,000 |
| ___ | ___ | | All States Endorsement | Statutory |
| ___ | ___ | | USL&H Endorsement | Statutory |
| ___ | ___ | | Voluntary Compensation | Statutory |
| ___ | ___ | <u>X</u> | 2. General Liability | 2. \$1,000,000 Combined |
| ___ | ___ | | Products | Single Limit Bodily |
| ___ | ___ | | Complete Operations | Injury and Property |
| ___ | ___ | | Contractual Liability | Damage Each Occurrence |
| ___ | ___ | | Personal Injury | |
| ___ | ___ | | Independent Contractors | |
| ___ | ___ | | XCU Prop. Damage Excl. Deleted | |
| ___ | ___ | <u>X</u> | 3. Automobile Liability | 3. \$500,000 Combined |
| ___ | ___ | | Owned, Hired & Non-Owned | Single Limit Bodily |
| ___ | ___ | | Motor Carrier Act End. | Injury and Property |
| ___ | ___ | | | Damage Each Occurrence |
| ___ | ___ | <u>X</u> | 4. Professional Errors and Omissions | 4. \$_____ Limit Each Occurrence |
| ___ | ___ | | 5. Garage Liability | |
| ___ | ___ | | 6. Garage keepers' Legal Liability | |
| ___ | ___ | | 7. Fire Legal Liability | |
| ___ | ___ | | 8. Other Insurance: [adapt for project] | |
| ___ | ___ | <u>X</u> | 9. NVTA named as additional insured on General Liability (This coverage is primary to all other coverages NVTA may possess) | |
| ___ | ___ | <u>X</u> | 10. 30 day cancellation notice required | |
| ___ | ___ | <u>X</u> | 11. Best's Guide Rating - A:VI or Better, or Equivalent | |
| ___ | ___ | <u>X</u> | 12. The Certificate must state Bid/RFP # and Bid/RFP Title | |
| ___ | ___ | <u>X</u> | 13. Umbrella Liability | |

OFFEROR AND INSURANCE AGENT STATEMENT

We understand the Insurance Requirements of these specifications and will comply in full if awarded this Contract.

OFFEROR

INSURANCE AGENCY

SIGNATURE

SIGNATURE

ATTACHMENT C

Separately Bound – Do Not Include With Technical Proposal

**PRICE PROPOSAL - RFP #2019-01
Northern Virginia Transportation Authority
Project Management and Monitoring System**

Offerors are required to complete the following Cost Proposal table in Excel for Tasks 1 through 8. This table must be included in the written price proposals and the Excel file included on the required USB flash drive.

| Phase | Task | Description | Price |
|--------------|-------------|---|--------------|
| Phase 1 | Task 1 | Confirm Project Needs | |
| | Task 2 | Research State of Practice Solutions | |
| | Task 3 | Develop BETA System for Component A | |
| | Task 4 | Finalize and Launch Component A | |
| | Task 5 | Phase 1 Maintenance Support | |
| Phase 2 | Task 6 | Develop Beta System for Components B and C | |
| | Task 7 | Finalize and Launch the Complete PMMS | |
| | Task 8 | Provide Ongoing Maintenance Support of All Components | Price/Year |