

SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION

**NOTICE OF
REQUESTS FOR PROPOSALS**

FOR

FY 2013 ASSET MANAGEMENT DATA COLLECTION

2/7/2013

The South Jersey Transportation Planning Organization (SJTPO) is soliciting proposals from qualified firms, or groups of firms, to conduct asset management data collection for select roads in Vineland, New Jersey. This work will be included in the SJTPO FY 2013-2014 Unified Planning Work Program.

Copies of the RFP's can be obtained from the SJTPO at 782 S. Brewster Road, Unit B6, Vineland, New Jersey 08361, by e-mail (sjtpo@sjtpo.org), or by calling 856-794-1941. Copies may also be obtained immediately via our website <http://www.sjtpo.org/Opportunities.html>; however, **please notify us that you have obtained an RFP. All revisions and updates to the RFP will be posted on our website.**

Requests for Proposals will be accepted until **Thursday, February 28, 2013 at 5:00 p.m. prevailing time.**

The contract with the SJTPO will be executed via the South Jersey Transportation Authority (SJTA), and all contractual provisions and requirements of the SJTA will be in effect. The project is funded with Federal Highway Administration PL funds administered through SJTPO and the New Jersey Department of Transportation, and all applicable federal and state financial provisions will be in effect.

February 7, 2012

**SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION
REQUEST FOR PROPOSAL
FY 2013 ASSET MANAGEMENT DATA COLLECTION**

**SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION
782 S. Brewster Road, Unit B6
Vineland, NJ 08361
856-794-1941
856-794-2549(Fax)
Website: www.sjtpo.org**

**FRANK SUTTON, CHAIRMAN
TIMOTHY G. CHELIUS, EXECUTIVE DIRECTOR**

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SOUTH JERSEY TRANSPORTATION PLANNING ORGANIZATION

REQUEST FOR PROPOSALS

FY 2013 ASSEST MANAGEMENT COLLECTION

I. INTRODUCTION

A. General

The South Jersey Transportation Planning Organization (SJTPO) is soliciting proposals from qualified firms, or groups of firms, to conduct asset management data collection for select municipal roads in the City of Vineland, New Jersey. This work will be included in the SJTPO FY 2013 Unified Planning Work Program. Technical proposals must be prepared and submitted in accordance with the requirements, format, and guidelines presented in this RFP document.

The SJTPO is the designated Metropolitan Planning Organization for Atlantic, Cape May, Cumberland, and Salem Counties. As such, the SJTPO has responsibility or oversight for all federally funded surface transportation planning activities in the region.

B. Submission

Interested firms must submit five (5) hard copies and one (1) electronic copy of their Technical Proposal. The Technical Proposals must be accompanied by one (1) hard copy and one (1) electronic copy of the Cost Proposal in a separate, sealed envelope. The technical and cost proposals are to be received no later than 5:00 P.M., prevailing time, on Thursday, February 28, 2013. The SJTPO shall not be held responsible for timeliness of mail or messenger delivery. Submittals should be addressed to:

William Schiavi, Manager of Regional Planning
South Jersey Transportation Planning Organization
782 S. Brewster Road, Unit B6
Vineland, New Jersey 08361

The SJTPO reserves the right to reject any submission for failure to adhere to these requirements or to accept any submission, which in its judgment will best serve its interest. All submitting firms grant to the SJTPO a non-exclusive right to use, or cause others to use, the contents of the submission for any purpose. All submissions will become the sole property of the SJTPO. Subconsultants, subcontractors, and joint ventures are permitted for the purposes of this submission.

C. Interpretations and Addenda

All questions, requests for interpretations and comments must be **submitted in writing** and received on or before **Tuesday, February 12, 2013** and submitted to William Schiavi at the above address. Faxes (856) 794-2549 and e-mails (SJTPO@SJTPO.org) are acceptable. Interpretations or clarifications in response to questions or comments received by prospective proposers will be posted on the SJTPO website. Only written clarifications from SJTPO will be binding; oral and other interpretations or clarifications will be without legal effect.

PLEASE CHECK THE SJTPO WEBSITE DURING THE RFP RESPONSE PERIOD FOR ADDENDA TO THE RFP, AND QUESTIONS AND ANSWERS.

D. Anticipated Consultant Selection Schedule

Questions about RFP Due	Tuesday, February 12, 2013
Answers about RFP Published	Friday, February 15, 2013
Proposal Due Date	Thursday, February 28, 2013
Policy Board Action	Monday, March 25, 2013
Notice to Proceed	On or about Tuesday, April 8, 2013
Data Delivery Date	Friday, June 28, 2013
Project Completion Due	Tuesday, December 31, 2013

E. Contracting

The contract with SJTPO will be executed via the South Jersey Transportation Authority (SJTA), the administrative host of the SJTPO. All provisions and requirements of the SJTA pertaining to contractual matters will be in effect. This project is funded by the Federal Highway Administration of the United States Department of Transportation. See the following link for the SJTPO standard contract agreement: <http://www.sjtpo.org/Documents/EmploymentandRFPs/Subcontract%20Agreement%20Boilerplate/BOILERPLATE-includes%20Exhibits%20A-H.pdf>

II. SCOPE OF WORK

A. Content

Background: SJTPO will manage a project to collect information related to the City of Vineland, New Jersey's municipal roads. The information is to include inventory and condition data for the following: road pavement, drainage locations, sign posts, signs, and guiderail assets. This will provide the City of Vineland with an update to its pavement and roadside assets databases. It is important to note that a 2010 project generated inventory and condition data for the pavements and roadside assets (except drainage locations). This 2010 data will be available to the consultant.

The roads to be covered are all 248.9 miles of municipal roads in the City of Vineland. Any changes to the specific municipal roads to be done will be decided on by the City engineers. The 2010 inventories for roadside assets produced data for 6,616 signs and 117 guiderails.

Necessary attributes of such a system would include accurate location and orientation information using DGPS, linear referencing, and/or inertial navigation. Users should have the ability to retrieve real-world coordinate and measurement information from the office and create asset records with location and attribute information into ODBC compliant databases, ESRI ArcSDE, Shape, or Geodatabase formats. This resource will support local pavement management efforts, identification of roadway hazards, and other asset management programs.

Proposals must specify the mileage of municipal roads (one direction) that will be covered under the contract amount, and must certify that the product will include the attributes listed below. If alternative or additional attributes are proposed, the proposal must clearly describe them.

Extent of Work

- * Drive and acquire "smart" images
- * Collection of asset features using ESRI compatible software
- * Deliver images and asset feature geodatabase
- * Pavement rating
- * Install and configure GIS compatible software at Public Works Department of the City of Vineland.
- * Provide software training to the City of Vineland employees at City office.

Technical Details

- * 4 camera configuration
- * Acquire images every 25 feet
- * Horizontal accuracy +1- 3.0'

Asset Management

- * In office asset collection via GIS
- * Collect feature with existing GIS data as reference
- * Ability to measure distance
- * Customize interface to collect additional assets
- * Ability to collect point or linear features
- * Each asset collected has dynamic link to an image

Pavement Management

- * In-office windshield survey
- * Repair Decision Tree Strategy
- * Ability to prioritize and forecast required budget for repairs
- * Results linked to GIS

Deliverables:

Image Acquisition I Collection of two assets:

- Images
- ESRI v10.1 Personal geodatabase
- One license of GIS compatible asset collection software
- One day of on-site training on asset collection software

Pavement Condition Rating

- Pavement Condition rating results
- One license of ArcGIS compatible software on Pavement module for the City of Vineland.
- One day of on-site training on pavement software, for the City of Vineland, at the City office.

The proposal must state the specific formats for the deliverables.

B. Schedule

We anticipate a Notice to Proceed on or about Monday, April 8, 2013. The Data Delivery Date is Friday, June 28, 2013. The Project Completion Date is Tuesday, December 31, 2013.

III. CONSULTANT SELECTION

A review committee will evaluate each proposal and may recommend firms to present additional information and appear for interviews. Or, the proposal may be the sole basis for the selection.

Negotiations and award of the contract will be to the firms that provide the most advantageous proposals. The SJTPO reserves the right to reject any and all proposals.

LATE PROPOSALS WILL NOT BE EVALUATED.

The submission should be stapled or bound with no loose pages. The following criteria have been established to guide the evaluation of each consultant proposal with each criterion weighted as indicated below. The proposal must contain the following information:

A. Technical Proposal

1. **Technical Approach** (Criterion weight: 30 percent): A narrative describing the understanding of the effort and products required, including descriptions of the specific tasks and subtasks to be undertaken.
 - a. The issues or problems and a detailed approach to completing the work program. List and description of deliverables.
 - b. A project schedule indicating project milestones, deliverables, and key meetings using a Notice to Proceed as “Day 0”. The schedule should anticipate review time by other agencies and committees, but time allotments for work under the control of the consultant will be regarded as a commitment.
2. **Firm Qualifications** (Criterion weight: 25 percent): Qualifications of the firm and any subcontractors:
 - a. A list of similar work, including the name and telephone number of the clients, and a full description of the services provided by the firm. An organizational chart and description of the firm.
 - b. A description of the firm's facilities, number of offices and employees in each office, any special equipment and other factors, (knowledge, skills, etc.) which may affect the delivery of the required services.
3. **Staff Qualifications** (Criterion weight: 30 percent): Qualifications, experience and office address of firm's and any subcontractor's staff:
 - a. Resumes of the professional staff.
 - b. Location of office that will be performing the work on this project.
4. **DBE/ESBE Utilization** (Criterion weight: 15 percent)

Federal and State requirements that must be addressed is the mandated DBE/ESBE participation. See Section IV for definition of DBE/ESBE firms. This section must identify any proposed DBE/ESBE firms and the proposed percentage participation in the total contract. Do not site a dollar amount, as that must be provided in the separate Fee Proposal. **SJTPO utilizes the most recent NJDOT federally approved DBE/ESBE goal (for FY 2013), which is 15.61 percent.**

The highest ranking firms may be invited, at the option of SJTPO, to an interview to present relevant details of their proposals and introduce key staff.

B. Cost Proposal

The Technical Proposals must be accompanied by one (1) hard copy and one (1) electronic copy of the Cost Proposal in a separate, sealed envelope. The cost proposals must include a price and level of effort for the Scope of Work. All other charges, such as fringe benefit, overhead, profit, etc., must be identified, yielding a total project cost. Please also include a list of key personnel arranged by title and level with hourly rates.

If an acceptable contract cannot be negotiated with the selected firm, negotiations will be terminated and SJTPO will initiate discussions with the second ranked firm. The consultant selection and negotiated contract are subject to approval by the U.S. Department of Transportation in accordance with its policies and procedures. The dollar and percentage participation of DBE/ESBE firms must be separately itemized in the cost proposal.

IV. DISADVANTAGED BUSINESS ENTERPRISE (DBE) AND EMERGING SMALL BUSINESS PARTICIPATION (ESBE)

A. General

Regulations of the Department of Transportation relative to Non-Discrimination in Federally assisted projects of the Department of Transportation (49 CFR Part 21), is made part of the Agreement. In order to ensure The State of New Jersey Department of Transportation (NJDOT) achieves its federally mandated statewide DBE goal, SJTPO encourages the participation of Disadvantaged Business Enterprise (DBE) or Emerging Small Business Enterprise (ESBE), as defined below, in the performance of consultant contracts financed in whole or in part with federal funds.

A Disadvantaged Business Enterprise (DBE) is defined in 49 CFR Part 26, as "a small business concern (from Section 3 of the Small Business Act), which is:

1. At least 51 percent owned by one or more 'socially and economically disadvantaged' individuals, or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more 'socially and economically disadvantaged' individuals: and
2. Whose management and daily business operations are controlled by one or more of the 'socially and economically disadvantaged' individuals who own it.

"Socially and economically disadvantaged" is defined as individuals who are citizens of the United States (or lawfully permanent residents) and who are: "Black Americans," "Hispanic Americans", "Native Americans," "Asian-Pacific Americans", "Asian-Indian Americans", "Women" (regardless of race, ethnicity, or origin); or "Other" disadvantaged pursuant to Section 8 of the Small Business Act).

Emerging Small Business Enterprise: The Emerging Small Business Enterprise (ESBE) referred to herein is defined as a firm that has met the following criteria and obtained small business certification as an ESBE by The State of New Jersey Department of Transportation:

1. A firm must meet the criteria for a small business as defined by the Small Business Administration in 13 CFR Part 121, which includes annual receipts from all revenues, including affiliate receipts which equates to the annual arithmetic average over the last 3 completed tax years, or by the number of employees.
2. The small business must be owned by individuals who do not exceed the personal net worth criteria established in 49 CFR Part 26 which is \$750,000. All appropriately certified DBEs fall into this definition due to their size.

B. Policy

The CONTRACTOR agrees that DBE/ESBE firms shall have the maximum opportunity to participate in the performance of contracts and subcontracts financed in whole or in part with Federal funds provided

under this Agreement, the CONTRACTOR and its subcontractors shall not discriminate on the basis of race, color, national origin or sex in the award and performance of USDOT-assisted contracts in accordance with 49 CFR Part 21. DBE requirements of 49 CFR Part 23 applies to this agreement. The SJTPO strongly encourages the use of DBE/ESBEs in all of its contractual efforts.

C. Certified DBE/ESBE Firms

A list of certified ESBE firms is compiled and is effective for contracts on a per calendar year basis. The current list of certified ESBE firms is available on the website of the New Jersey Department of Transportation <http://www.state.nj.us/transportation/business/civilrights>. Firms who wish to be considered for DBE/ESBE certification are encouraged to contact the NJDOT Office of Civil Rights directly for information on the certification process. Once a firm is certified, the federal portion of the dollar value of the contract or subcontract awarded to the DBE/ESBE is generally counted toward the applicable DBE/ESBE goal. If state matching and/or non-matching funds are also awarded to a DBE/ESBE, the total dollar value of the DBE/ESBE contract or subcontract may also be counted toward the applicable DBE/ESBE goal.

D. Consultant Documentation

If applicable, the Consultant must demonstrate sufficient reasonable efforts to meet the DBE/ESBE contract goals. Additionally, SJTPO has a long-standing commitment to maximize business opportunities available to disadvantaged and DBE/ESBE firms. The consultant's contract is subject to all federal, state, and local laws, rules, and regulations, including but not limited to, non-discrimination in employment and affirmative action for equal employment opportunity. The consultant's contract obligates the consultant to aggressively pursue DBE/ESBEs for participation in the performance of contracts and subcontracts financed in whole or in part with Federal funds. The consultant cannot discriminate on the basis of race, color, national origin, or sex in the award and performance of federally assisted contracts. The consultant contract specifies the DBE/ESBE goal and the DBE/ESBE participation rate for that contract, if applicable. The prime consultant contract must document, in writing, all of the steps that led to any selection of the DBE/ESBE firm(s). Prior to the award of a consultant contract, the consultant must demonstrate sufficient reasonable efforts to utilize DBE/ESBE firms. **SJTPO utilizes the most recent NJDOT federally approved DBE/ESBE goal (for FY 2013), which is 15.61 percent.**

If, at any time you intend to subcontract or modify any portion of the work already under contract, or intend to purchase material or lease equipment not contemplated during the original preparation of your cost proposal, you must notify SJTPO in writing. If, as a result of any subcontract, modification, purchase order, or lease, the actual DBE/ESBE or participation rate for the consultant's contract is in danger of falling below the agreed upon DBE/ESBE participation, then a request must be made for an DBE/ESBE Goal Exemption Modification through SJTPO.

V. EQUAL EMPLOYMENT OPPORTUNITY PROVISION

- A.** Consultant and their subconsultant shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of this contract.
- B.** All potential Consultants must demonstrate a commitment to the effective implementation of an affirmative action plan or policy on equal employment opportunity. The potential Consultant must insure equal employment opportunity to all persons and not discriminate against any employee or applicant for employment opportunity because of race, color, religion, sex, national origin, physical disability, mental disorder, ancestry, marital status, criminal record, or political beliefs. The Consultant must uphold and operate in compliance with Executive Order 11246 and as amended in

Executive Order 11375, Titles VI and VII of the Civil Rights Act of 1964, the Equal Employment Opportunity Act of 1972, and the Fair Employment Practices Act.

- C. In response to this Request for Qualifications/Request for Proposals, the Consultant should furnish a detailed statement relative to its Equal Employment Opportunity practices and any statistical employment information that it deems appropriate, relative to the composition of its work force or its subconsultants.

VI. INSURANCE REQUIREMENTS

- A. The Consultant shall carry and maintain in full force and effect for the duration of this contract, and any supplement thereto, appropriate insurance. The Consultant shall submit to the SJTPO, a Certificate of Insurance indicating the existence of the coverage required. Policies shall be issued by an insurance company authorized to do business in the State of New Jersey; and approved by the SJTA.
- B. Insurance similar to that required by the Consultant shall be provided by or on behalf of all subconsultants to cover its operation(s) performed under this contract, and include in all subcontracts. The Consultant shall not be issued the Notice to Proceed until evidence of the insurance coverage required has been received, reviewed, and accepted by the SJTPO.
- C. The insurance coverage under such policy or policies shall not be less than specified herein.

1. Worker's Compensation and Employer's Liability:
 - a) Each Accident \$ 100,000
 - b) Disease-Each Employer \$ 100,000
 - c) Disease Policy Limit \$ 500,000

2. Comprehensive General Liability:
 - a) Bodily Injury
 - Each Person \$ 250,000
 - Each Occurrence \$1,000,000
 - b) Property Damage
 - Each Person \$1,000,000
 - Aggregate \$2,000,000

3. Comprehensive Automobile Liability:
 - a) Bodily Injury
 - Each Person \$ 500,000
 - Each Occurrence \$1,000,000
 - b) Property Damage
 - Each Occurrence \$ 250,000

4. Professional Liability Insurance:
 - a) Claims made/aggregate \$1,000,000

EXHIBIT A

P.L. 1975, C. 127 (N.J.A.C. 17:27) MANDATORY AFFIRMATIVE ACTION LANGUAGE

PROCUREMENT, PROFESSIONAL AND SERVICES CONTRACTS

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. The contractor will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. 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. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause;

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation;

The contractor or subcontractor, where applicable, will send to each labor union or representative or workers with which it has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer advising the labor union or workers' representative of the contractor's commitments under this act and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor; where applicable, agrees to comply with the regulations promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to attempt in good faith to employ minority and female workers consistent with the applicable county employment goals prescribed by N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time or in accordance with a binding determination of the applicable county employment goals determined by the Affirmative Action Office pursuant to N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time.

The contractor or subcontractor agrees to inform in writing appropriate recruitment agencies in the area, including employment agencies, placement bureaus, colleges, universities, labor unions, that it does not discriminate on the basis of age, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes

and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

The contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation, and conform with the applicable employment goals, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor and its subcontractors shall furnish such reports or other documents to the Affirmative Action Office as may be requested by the office from time to time in order to carry out the purpose of these regulations, and public agencies shall furnish such information as may be requested by the Affirmative Action Office for conducting a compliance investigation pursuant to **Subchapter 10 of the Administrative Code (NJAC 17:27)**.

EXHIBIT B

NOTICE TO ALL BIDDERS **SET-OFF FOR STATE TAX**

Please be advised that, pursuant to P.L. 1995, c.159, effective January 1, 1996, and notwithstanding any provision of the law to the contrary, whenever any taxpayer, partnership or S corporation under contract to provide goods or services or construction projects to the State of New Jersey or its agencies or instrumentalities, including the legislative and judicial branches of State government, is entitled to payment for those goods or services at the same time a taxpayer, partner or shareholder of that entity is indebted for any State tax, the Director of the Division of Taxation shall seek to set off that taxpayer's or shareholder's share of the payment due the taxpayer, partnership or S corporation. The amount set off shall not allow for the deduction of any expenses or other deductions which might be attributable to the taxpayer, partner or shareholder subject to set-off under this act.

The Director of the Division of Taxation shall give notice of the set-off to the taxpayer and provide an opportunity for a hearing within 30 days of such notice under the procedures for protests established under R.S. 54:49-18. No requests for conference, protest, or subsequent appeal to the Tax Court from any protest under this section shall stay the collection of the indebtedness. Interest that may be payable by the State, pursuant to P.L. 1987, c.184 (c.52:32-32 et seq.), to the taxpayer shall be stayed.

EXHIBIT C

**REQUIRED AFFIRMATIVE ACTION EVIDENCE FOR
PROCUREMENT, PROFESSIONAL AND SERVICES CONTRACTS**

All successful vendors must submit one of the following within seven (**7**) days of the notice of intent to award:

1. A photo copy of their Federal Letter of Affirmative Action Plan Approval.
- OR
2. A photo copy of their Certificate of Employee Information Report.
- OR
3. A completed Affirmative Action Employee Information Report (AA302).

PLEASE COMPLETE THE FOLLOWING QUESTIONNAIRE AS PART OF THE BID PACKAGE IN THE EVENT THAT YOU OR YOUR FIRM IS AWARDED THIS CONTRACT.

1. Our company has a Federal Letter of Affirmative Action Plan Approval.

Yes_____ No_____

2. Our company has a Certificate of Employee Information Report.

Yes_____ No_____

3. Our company has neither of the above. Please send Form #AA302 (AFFIRMATIVE ACTION EMPLOYEE INFORMATION REPORT). _____Check here

NOTE: This form will be sent only if your company is awarded the bid.

I certify that the above information is correct to the best of my knowledge.

NAME _____
(Please type or print)

SIGNATURE _____

TITLE _____

DATE _____

PHONE _____

FAX _____

FY2013 Asset Management Data Collection

Questions and Answers

Q1. How does SJTPO define “drainage location”?

A1. Drainage locations are defined as inlet curb pieces / storm sewer drains. These must be observable from the vehicle, since we anticipate that a vehicle will be used for the survey. It is understood and accepted for this project that some assets will not be observable because of parked cars.

Q2. The 248.9 miles of municipal roads in the City of Vinland, are these centerline miles, lane miles, or directional miles?

A2. These are centerline miles.

Q3. Are these roads to be surveyed in one or both directions?

A3. One direction only is needed for two lane roads. Almost all roads are two lane roads.

Q4. What asset features are to be collected for each asset type (road pavement, drainage location, sign posts, signs, and guiderail)?

A4. See winning proposal for details as to the information collected in the past. Features include the dimensions and condition.

For pavement attributes see Answer 5.

Attributes for the sign feature are to include the road name, direction, mile point, (x, y), MUTCD Code, material, condition, post material, post condition, and a field for a general note.

Guiderails: Attributes are to include road name, direction, starting mile point, starting (x, y), starting device type, condition, and note.

Q5. What methodology does SJTPO use to perform its Pavement Ratings?

A5. See past winning proposal. The future proposals are not limited to this approach. Pavement ratings can be achieved and expressed in different ways if they are considered superior. The previous contractor used the Pavement Condition Index (PCI) standard to perform distress survey.

The PCI was calculated based on ASTM and MicroPAVER deduction curves to calculate a 1-100 PCI index for each road segment based on distress extent and severity. A rating of 100 represents a newly constructed road. Ratings were assessed on a block to block basis unless conditions dictate otherwise.

There were 20 different distress types for asphalt and 20 different distress types for concrete.

Q6. Does SJTPO want the 4 cameras arranged in a specific configuration? If so, what configuration?

A6. See past winning proposal. Previously six cameras were used. One straight ahead and down, front right, front left, right back, center back, and left back. Images were captured every 25 feet. The future proposals are not limited to this approach. Image capture can be achieved in different ways if they are considered superior.

Q7. What Pavement Management software is currently being used by the SJTPO?

A7. See past winning proposal. The future proposals are not limited to this software. Software can be different if it is considered superior. If it is recommended that using the eRoadInfo and eRoadPavement is to continue, these modules will not need to be purchased and training will not be needed. eRoadPavement is used to access and edit inventory and road condition information.

Q8. What ESRI compatible software is currently being used by the SJTPO to store the pavement condition data and other asset data?

A8. See answer to Question 7. eRoadPavement is used to access and edit inventory and road condition information.

Q9. What GIS compatible software does the SJTPO currently have a license to for asset data collection?

A9. See answer to Question 7. eRoadInfo is used to access and edit data about road assets. SJTPO and Vineland also have ArcGIS, and Access.

Q10. Page 5, Section II.A, Deliverables, Pavement Condition Rating, Is the SJTPO looking for software to store and manage the Pavement Ratings, or is it looking for software to perform the Pavement Condition Ratings?

A10. We are looking for software to store pavement and road asset inventory and condition. We are not looking for software to perform the inventories ourselves. Inventories are to be conducted by the consultant; consultant can use any software they wish.

Q11. Who was the 2010 contractor that collected the asset data for SJTPO?

A11. Enterprise Information Solutions (EIS) of Columbia, Maryland collected asset information previously. They also provide the software in use. eRoadInfo and eRoadPavement are proprietary software of EIS.

Q12. What was the total price for the 2010 data collection contract?

A12. See the cost proposal for the latest contract with EIS. Note that one county had a different rate because it was the second time for asset data collection, and this county already had software and training. For this job, asset collection should be at a lower rate because it is the second round of

data collection for Vineland. The existing roadside asset needs to be updated and not created from scratch, with the exception of the inlet curb pieces / storm sewer drains. The consultant will have use of all data collected in the past. Also, using the same software is an option. (1)

Q13. Drainage locations (point or linear) are there cross drains and culverts that may not be visible from the road surface and not captured in the video inventory and need manual inventory?

A13. No manual inventory is required. Asset information may be collected from the vehicle or from the images taken from the vehicle. Only inlet curb pieces / storm sewer drains are required for this project.

Q14. Sign Posts. In double posts is this centroid between the posts the acceptable position. Is sign attribute information required? If so what attributes? Is retroreflectivity required or desired?

A14. Centroid position for location is acceptable for the double post signs assets. Sign attributes are required, see proposal and answer number four. Retro-reflectivity is not required. An alternative proposal with this service is welcome. (1)

Q15. Guiderail assets: Is this just mapping the linear extent of guiderail. Does this include attributes i.e. post and rail, cable, etc.

A15. Linear extent of guiderail is acceptable. Only the attributes described in the recent winning proposal (see answer four) is expected. The consultant can propose alternative additional information to be collected if the information is considered important. (1)

Q16. Pavement rating: What level of pavement rating are you requiring? Is this a visual assessment method or are you looking for a laser assessment? What pavement attributes IRI, Longitudinal cracking etc.?

A16. See previous winning proposal and answer four. Visual assessment is adequate. An alternative method (Laser assessment) can be proposed along with an alternative cost structure. Remember that all cost information is to be segregated into a separate sealed envelope. (1) Related to pavement attributes, previously there were 20 different distress types for asphalt and 20 different distress types for concrete. An alternative method can be proposed. (1)

Q17. Collection of feature assets using ESRI compatible software... Are you saying that the asset collection be done on handheld devices with ESRI software and not captured from the video log?

A17. No hand-held device is needed. Location of road assets can be captured using a combination of ESRI features and geocoded images; this will generate the (x, y) of the road asset.

Q18. ArcGIS compatible software on Pavement module for the City of Vineland... Have you identified the software or is that the role of the contractor?

A18. It is the role of the contractor to propose the software. The contractor may propose superior software; or the contractor may construct their proposal using the software already in place at the City of Vineland. (1) That software in use at Vineland is eRoadInfo and eRoadPavement.

Q19. Install and configure GIS compatible software at Public Works Department of the City of Vineland. What does this mean? What software, for what purpose?

A19. Cloud or server-based software is acceptable. This would be the software to be used by City of Vineland personnel (users). This software is to be user-friendly. This software will allow the users to access and edit information (inventory and condition) about roads and roadside assets (signs, etc.).

The software should also make it easy to generate projections for asset and pavement conditions under different budget scenarios.

Note 1: The proposals can be constructed in such a way that gives SJTPO options as to how to proceed with this project. For example, Proposal A can assume Vineland will continue to use the software that is already in place. Proposal B can be with a new and superior software. Another alternative would be proposals with or with-out the retro-reflectivity information being collected. Any and all cost information are to be segregated to the separate and sealed cost proposal. If one of the alternative proposals is over-budget, this particular option will be dismissed and the other options from that contractor will be considered.