



**REQUEST FOR PROPOSALS
PROFESSIONAL SERVICES**



RFP Number: **1888**

ENVIRONMENTAL AND WATER QUALITY MONITORING SERVICES

Submission Due Date/Time: **Thursday, May 3, 2018, at 2:00 P.M. Local Time**

Three (3) year Term with two (2) possible one-year extensions

Agreement Type: Project Specific

One (1) Agreement may be awarded from this solicitation.

The resulting agreement may be State & Federal funded

The anticipated method of payment is Cost Plus Fixed Fee.

29 Del.C. §6981; 2 CFR part 200

PROJECT INFORMATION

This Request for Proposal (RFP) issued by the Delaware Department of Transportation (DelDOT) is for the purpose of acquiring Proposals from interested firms to provide water quality monitoring in support of DelDOT's NPDES Permit Program.

PROFESSIONAL SERVICES REQUIRED

Services include but are not limited to the following: Environmental Services

PROJECT DESCRIPTION

The services required in this agreement include stormwater quality and best management practices (BMPs) performance monitoring for the DelDOT NPDES program. The need for stormwater monitoring services arises from compliance with the statewide stormwater NPDES program, which includes: (1) a Phase I MS4 Permit for New Castle County; (2) a Phase II MS4 Permit for portions of Kent and Sussex Counties; and (3) maintenance facilities covered by Delaware's General Permit for Industrial Stormwater Runoff.

Services include wet weather monitoring of designated stormwater outfalls, conveyances and BMPs, illicit discharge detection and elimination, as well as monitoring of streams or other water bodies that are impacted by stormwater discharges. Additional monitoring may include sediment sampling, compost monitoring and sampling, as well as biological assessments that include physical habitat assessment, biosurvey of aquatic benthic macroinvertebrates, and fish assessment. Additional work will include employee training, maintenance facility Pollution Prevention Plan inspections, assisting with various data collection and management plan development such as street sweeping, vehicle washing, and Water Quality Improvement Plans.

Monitoring

- Implementation of a statistically-based wet weather monitoring program for the MS4 to provide data necessary for:
 - Assessing the effectiveness and adequacy of BMP implementation toward meeting TMDLs;
 - Estimating annual cumulative pollutant loadings from the MS4;
 - Estimating event mean concentrations and seasonal pollutants in discharges from major outfalls;
 - Calculating outfall and BMP drainage areas;
 - Identifying and prioritizing portions of the MS4 requiring additional controls.
- Wet weather monitoring will include:
 - Precipitation monitoring to predict representative storms;
 - Sampling and monitoring at sites determined by DelDOT, with number and timing of events sampled to be determined in consultation with DelDOT;
 - Installation and monitoring, as required, of rainfall and flow measurement devices;
 - Sample events may consist of “first flush” samples and/or flow-weighted composite samples. Both manual and automated sampling methodologies may be required;
 - Coordination with a certified laboratory regarding bottle requirements, sample pick-ups, and data deliverables;
 - Submission of data to the International BMP Database;
 - Based on the results of the storm events monitoring, consultant should be prepared to estimate and report annual cumulative pollutant loadings and event mean concentrations of discharges;
 - Consultant may be asked to assist with experimental design, site selection, statistical analyses of data, and reporting.
- Collection and analysis of water quality samples from sites upstream and downstream of stormwater BMPs, from areas impacted by BMPs, or other specialized samples as needed for stormwater/BMP monitoring, watershed assessments or improvement plans, or TMDL compliance.
- Watershed studies and assessments, including water quality modeling. Watershed studies may include geomorphic, physical, chemical and biological assessments of rivers, streams and/or tributaries.
- Assistance, as needed, in development of Department stormwater management plans, monitoring plans and watershed improvement plans that incorporate strategies to meet Total Maximum Daily Load (TMDL) pollutant reduction goals.
- Dry weather screening and detection of illicit discharges or improper disposal to the DelDOT-owned stormwater conveyance system. The scope will also include follow-up investigation of suspected or reported illicit discharges or dumping into the DelDOT stormwater conveyance system and coordination with other agencies as required.
- Study sites may be located throughout Delaware, so the consultant must be able to perform monitoring activities in any part of the state.
- There may be situations where gaining access to sampling locations requires construction and trimming/cutting of vegetation as well as installation of diversions, weirs, and monitoring brackets for

flow metering equipment. Design of any special access structures (e.g., wood stairs), all necessary permitting, the cost, and the construction shall be within the scope of this Agreement.

- Samples will be analyzed in conformance with 40 CFR Part 136 and the protocols described in the 2002 edition of the ASCE/EPA guidance manual for Urban Stormwater BMP Performance Monitoring for some or all of the following parameters. Analytical work may be subcontracted to an approved analytical laboratory. The particular subset of parameters for each sample will be determined in consultation with DeDOT NPDES staff and may include (but not be limited to) the following:

- pH
- Hardness
- Chloride
- Conductivity
- Dissolved Oxygen
- Total Suspended Solids (TSS)
- Settleable Suspended Solids (SSC)
- Turbidity
- Volatile Suspended Solids (VSS)
- 5-Day Biological Oxygen Demand (BOD5)
- Chemical Oxygen Demand (COD)
- Total Kjeldahl Nitrogen (TKN)
- Total Ammonia Nitrogen
- Total Nitrate + Nitrite
- Total phosphorus
- Dissolved phosphorus
- Orthophosphorus
- Oil and Grease
- Total Petroleum Hydrocarbon (TPH)
- Diesel- and Gas-Range Organics (DRO, GRO)
- Polycyclic Aromatic Hydrocarbon (PAH)
- BTEX
- Phenolics
- Heavy metals, total and dissolved, including lead, zinc, copper, nickel, chromium (total and VI), cadmium, mercury, molybdenum, nickel, arsenic, and selenium
- PCBs
- Fecal coliform counts
- Enterococcus counts
- Salmonella counts

- Consultant must submit a QA/QC Plan and Standard Operating Procedures to be followed during monitoring to ensure compliance with federal and state regulations.
- Deliverables:
 - Written memo reports on all activities will be submitted to the DelDOT NPDES Program after each sampling event. The reports should be comprehensive and include procedures, observations, photos, data and analyses.
 - An annual report of all monitoring activities and data to be incorporated in to DelDOT's annual reports to DNREC and EPA. This report will include a calculation of TMDL pollutant loads for each watershed, and the reductions achieved each year. The annual report should be submitted in both hardcopy and electronic format.
 - Summary reports of monitoring activities as required by DelDOT staff for use in other reports and presentations.
 - Submissions to the International Stormwater BMP Data base (<http://www.bmpdatabase.org/>)

Industrial Permit

- Conduct Pollution Prevention Plan maintenance facility inspections per DNREC's Regulations Governing the Control of Water Pollution (General Permit Program).
- Prepare reports and photographic assay regarding permit compliance.

Management Plan Development

- Provide data necessary in the development Water Quality Improvement Plans as determined by DelDOT.
- Assist DelDOT in the preparation of management plans including, but not limited to, sweeping, WQIP, and SWPP&MP.

Training

Assist DelDOT with employee training including, but not limited to, BMP and Pollution Prevention Plan General Permit requirements.

The successful Lead/Prime consultant will need to demonstrate the following qualifications:

- Expertise in environmental sampling methods, with specific experience in stormwater wet weather monitoring methodologies;
- Knowledge of, and expertise in, dry weather screening methods and illicit discharge detection;
- Knowledge of, and experience in, stream assessment, in-stream monitoring methods, watershed assessment, and biomonitoring protocols;
- Expertise in watershed studies, water quality modeling, and TMDL compliance;
- Sufficient qualified local staff or subcontractors to capture wet weather events from multiple sites throughout Delaware on short notice;
- Possession of and skill in operating automated stormwater sampling and flow measurement equipment;
- Knowledge of NPDES MS4 and Industrial (General Permit Program) permits;
- Record of performance or demonstrated ability to handle similar projects.

QUESTIONS

Questions are to be submitted to DOT.Profservices@state.de.us. In order to ensure a timely response, questions must be submitted according to the Procurement Schedule. The Department's response to questions, along with this RFP and related information, are posted on the State of Delaware Bid Solicitation Directory Website: <http://www.bids.delaware.gov/>.

DISADVANTAGED BUSINESS ENTERPRISE

A DBE goal will be established on a task by task basis for the sum total of all federally-funded tasks associated with this Agreement. The Department will require ongoing reviews and approval of *good faith efforts* before a Notice to Proceed is issued. Department DBE Program staff will monitor this Agreement to ensure that good faith efforts are being made to meet the DBE goal. DBE firms must be certified through DelDOT's DBE Program in order to qualify toward meeting the goal.

PROCUREMENT SCHEDULE

Action Item	Date	Time
Deadline for Questions to ensure response:	Ten (10) business days prior to the proposal due date	2:00 P.M. Local Time
Final Response to Questions posted by:	Five (5) business days prior to the proposal due date	2:00 P.M. Local Time
Proposals Due by:*	Thursday, May 3, 2018	2:00 P.M. Local Time

NOTE: Only asterisk (*) marked date changes will be communicated (via posted Addendums).

PROPOSAL REQUIREMENTS

Interested firms must submit the material required herein or they may not be considered for the project:

1. Proposals must be received prior to the Submission due date and time indicated above.

Facsimile and E-mail responses to this RFP are not acceptable. No response hand-delivered or otherwise will be accepted after the above date and time. It is the responsibility of the submitter to ensure the Proposal is received on time. DelDOT's time is considered the official time for determining the cut-off for accepting submissions. To be considered for this agreement, firms must submit the Proposal as set forth herein. Any variation, including additions, may negatively impact the scoring.

Proposals are to be delivered to:

Contract Administration – RFP 1888
Delaware Department of Transportation
800 Bay Road
Dover, DE 19901

Should the office be closed at the time responses are due (such as an unexpected event or inclement weather) the submission due date shall be the following business day, at the time originally scheduled.

2. **The Prime Consultant must be Registered**, or submit application for registration with DelDOT at or before the time of submission in order to be considered. For registration information, click [here](#).
3. **Submit one (1) original and five (5) hard copies** of the Proposal. Receipt of insufficient copies or non-compliance with providing the requested information in the desired format, may negatively impact the scoring.
4. **Submit two (2) pdf format electronic copies** (e.g. CD, flash drive) of the Proposal; one original and one a redacted copy. The original must be a .pdf file of the original signed proposal as submitted and should be clearly marked “Original”. The redacted copy must be a .pdf file of the original signed proposal with any proprietary or confidential information redacted, and this copy should be clearly marked as “Redacted”. Electronic copies are to be submitted with the printed Proposal. The electronic redacted copy is required even if the submission contains no proprietary or confidential information.

*To determine what information may be considered proprietary or confidential and may be redacted from their Proposal, firms should review Delaware’s Freedom of Information Regulations [here](http://regulations.delaware.gov/AdminCode/title8/1400.shtml#TopOfPage); <http://regulations.delaware.gov/AdminCode/title8/1400.shtml#TopOfPage>. Under Delaware FOIA law, 29 *Del. C.*, §10002(1)(2), “Trade secrets and commercial or financial information...which is of a privileged or confidential nature” are “records that shall not be deemed public” and are therefore exempt from disclosure under FOIA.*

5. Architect-Engineer Qualifications; GSA SF330:

<http://www.gsa.gov/portal/forms/download/116486>

Follow instructions for the SF330, and add the following Individual Agency Instructions:

A. Part I Section C 11, Proposed Team;

Indicate if DBE firm and approximate percentage of contract cost they will perform.

B. Part I Section E, Resumes of Key Personnel Proposed for this Contract;

Resume information is limited to eight (8) individuals regardless of affiliation.

C. Part I Section F, Example Projects;

Example Projects provided are limited to ten (10).

D. Part I Section H 30, Additional Information;

Should only include the following:

- The Prime consultant must indicate the current workload with the Department to include the following in a table format: Agreement No.; Agreement Title; Consultant PM; Prime or Sub; Total Dollars paid to date; current number of Tasks issued; and date of contract expiration. If possible, include the estimated fees for any Delaware DOT projects for which your firm has been selected and does not have an executed agreement in place.

- Firms may include a "Rating Criteria Support Information" Section limited to four (4) pages on two (2) sheets of paper within Section H that covers any information that directly relates to your ability to meet the specific rating criteria cited within the RFP document. The Department recommends formatting this section using Times New Roman, 12 pt. font.

Note: Letters of Interest should not be included.

6. **Joint venture** submissions will not be considered.
7. **DelDOT reserves the right to reject** any and all submissions. Submissions become property of the Department and shall be retained electronically for a minimum period of three (3) years from the date of receipt. DelDOT reserves the right to any and all ideas included in this response without incurring any obligations to the responding firms or committing to procurement of the proposed services.
8. **Required Certification Forms.** All firms responding to the RFP must complete and return the submission forms located at the end of this document. The following forms are required to be returned with each proposal:
 - Certification of Eligibility
 - Certificate Of Non-Collusion
 - Certification Of Primary Participant Regarding Debarment, Suspension, And Other Responsibility Matters
 - Certification Of Restrictions On Lobbying

No promotional materials or brochures are to be included as part of the submission.

RATING CRITERIA

#	Criteria Description:	Weight
1	Key Staff and Project Team qualifications	25 %
2	Expertise in environmental sampling methods, with specific experience in stormwater wet weather monitoring methodologies, ambient water quality monitoring, biological monitoring, dry weather outfall screening methods, and illicit discharge detection and elimination (IDD &E)	20 %
3	Expertise in data collection and management plan development such as street sweeping, vehicle washing, and Water Quality Improvement Plans	20 %
4	Firm's experience on similar projects	20 %
5	Firm's resources, including capability to capture wet weather events from multiple sites in Delaware on short notice and perform Pollution Prevention Plan inspections	15 %
TOTAL :		100%

OVERVIEW OF SELECTION PROCESS

- This is a project specific agreement where the services as described in this RFP will be provided over the life of the project.
- This is a single phase solicitation process with the availability for discussions with three (3) the most highly qualified firms. Based upon the listed criteria and evaluation of each firm's submitted proposal, the Selection Committee may decide if a small sample task and/or discussions will be held with the most highly qualified consultants. If discussions are held, they will serve to clarify the technical approach, qualifications, and capabilities provided in response to the RFP, after which the committee will determine the ranking of the candidate firms.
- Selection Committee members will individually score each firm's submitted proposal which determines individual ranking. The Department's ranking is the combined ranking of all Committee members. Awarded firms, in order of ranking, will have the opportunity to negotiate an agreement with the Department. If the Department cannot reach agreement with the highest ranked firm(s), the Department terminates negotiations and begins negotiations with the next highest ranked firm, and so on until an agreement is reached. The Department notifies via email the awarded firm(s) of the opportunity to enter into an agreement with the Department. This notification also includes information on the next steps for the agreement process.
- After the ranking process has been completed, applicable price information will be requested from the successful candidate firm(s), such as; salary rates for various classifications of personnel; and an indirect cost derivation for the most current accounting period.
- Payroll burden and overhead will be computed on direct salary costs only (not including overtime) at the consultant's audited rate, as per Federal Acquisition Regulations Part 31, and Department policies. Computer and CADD costs are not allowable as a direct cost to this project. Rate determination and applicability is subject to audit by the Department. Additionally, candidates should be prepared for the Department to work with your current accounting firm to provide information and backup documentation. Full and immediate cooperation is required to avoid delays in execution of an agreement. Failure to cooperate may result in breaking off of negotiations and moving to the next ranked firm.
- Selection Committee membership appointments are confidential. The Department's Professional Services Procurement Manual may be viewed [here](#).
- Each specific task order shall be awarded to the selected, qualified consultants:
 - Through an additional qualifications-based selection procedure, which may include, but does not require, a formal IDIQ RFP;
 - OR
 - On a regional basis whereby the State is divided into regions and consultants are selected to provide IDIQ services for an assigned region(s) identified within the solicitation.

MISCELLANEOUS

The Department is not liable for any cost incurred by the consultant in the preparation or presentation of the Proposal.

Any individual, business, organization, corporation, consortium, partnership, joint venture, or any other entity including subconsultants currently debarred or suspended is ineligible to participate as a candidate for this process. Any entity ineligible to conduct business in the State of Delaware for any reason is ineligible to respond to the RFP.

The Department of Transportation will affirmatively insure individuals and businesses will not be discriminated against on the grounds of race, creed, color, sex, or national origin in consideration for an award. Minority business enterprises will be afforded full opportunity to submit bids/proposals in response to this invitation.

Department of Transportation
State of Delaware
By: Jennifer Cohan
Secretary
Dover, DE

FEDERAL CONTRACT PROVISIONS

FTA's Master Agreement contains a current, but not all-inclusive, description of statutory and regulatory requirements that may affect a recipient's procurement (such as Disadvantaged Business Enterprise (DBE) and Clean Air requirements). The Master Agreement states that applicable Federal requirements will apply to project participants to the lowest tier necessary to ensure compliance with those requirements. The recipient will need to include applicable Federal requirements in each sub-agreement, lease, third party contract, or other document as necessary. For specific guidance on cross-cutting requirements administered by other Federal agencies, FTA recommends that the recipient contact those agencies. The requirements listed herein must be adhered to by any firms selected to perform work required under these agreements.

1. AUDIT AND INSPECTION OF RECORDS

The Contractor agrees to provide the Delaware Department of Transportation (Department), the FTA Administrator, the Comptroller General of the United States or any of their authorized representatives' access to any books, documents, papers and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts and transcriptions. Contractor also agrees, pursuant to 49 C. F. R. 633.17 to provide the FTA Administrator or his authorized representatives including any PMO Contractor access to Contractor's records and construction sites pertaining to a major capital project, defined at 49 U.S.C. 5302(a)1, which is receiving federal financial assistance through the programs described at 49 U.S.C. 5307, 5309 or 5311. By definition, a major capital project excludes contracts of less than the simplified acquisition threshold. The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

2. ACCESS REQUIREMENTS FOR INDIVIDUALS WITH DISABILITIES

The Contractor agrees to comply with all applicable requirements of the Americans with Disabilities Act of 1990 (ADA), 42 U.S.C. Section 12101 et seq. And 49 U.S.C. Section 322; Section 504 of the Rehabilitation Act of 1973, as amended, 29 U.S.C. Section 794; Section 16 of the Federal Transit Act, as amended, 49 U.S.C. App. Section 1612; and implementing regulations, as may be amended

3. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS – Lower Tier Covered Transactions (Third Party Contracts over \$100,000)

- a) By signing and submitting this bid or proposal, the prospective lower tier participant is providing the signed certification set out below.
- b) The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other

remedies available to the Federal Government, the Department may pursue available remedies, including suspension and/or debarment.

- c) The prospective lower tier participant shall provide immediate written notice to the Department if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
- d) The terms “covered transaction,” “debarred,” “suspended,” “ineligible,” “lower tier covered transaction,” “participant,” “persons,” “principal,” “proposal,” and “voluntarily excluded,” as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549 [49 CFR Part 29]. You may contact the Department for assistance in obtaining a copy of those regulations.
- e) The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized in writing by the Department.
- f) The prospective lower tier participant further agrees by submitting this proposal that it will include the clause “Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction”, without modification, in all lower tier covered transactions.
- g) A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the No procurement List issued by the U. S. General Service Administration.
- h) Nothing contained in the foregoing shall be construed to require establishment of system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- i) Except for transactions authorized under Paragraph E of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible or voluntarily excluded from participation in this transaction, in addition to all remedies available to the Federal Government, the Department may pursue available remedies including suspension and/or debarment.

- j) The prospective lower tier participant certifies, by submission of this bid or proposal, that neither it nor its “principals” [as defined at 49 CFR §29.105(p)] is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- k) When the prospective lower tier participant is unable to certify to the statements in this certification, such prospective participant shall attach an explanation to this proposal.

4. CLEAN WATER REQUIREMENTS

The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq. The Contractor agrees to report each violation to the Department and understands and agrees that the Department will, in turn, report each violation as required to assure notification to FTA and the appropriate EPA Regional Office. (2)The Contractor also agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FTA.

5. FEDERAL CHANGES

Contractor shall at all times comply with all applicable FTA regulations, policies, procedures and directives, including without limitation those listed directly or by reference in the Master Agreement between the Department and FTA, as they may be amended or promulgated from time to time during the term of this contract. Contractor's failure to so comply shall constitute a material breach of this contract.

6. CLEAN AIR

(1) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. §§ 7401 et seq. . The Contractor agrees to report each violation to the Department and understands and agrees that the Department will, in turn, report each violation as required to assure notification to FTA and the appropriate EPA Regional Office. (2) The Contractor also agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FTA.

7. ENERGY CONSERVATION

The Contractor shall recognize mandatory standards and policies relating to energy efficiency which are contained in the State Energy Conservation Plan issued in compliance with the Energy Policy and Conservation Act (42 US Section 321 et seq.).

8. CONTRACT TERMINATION

a) Termination for Convenience

The Department may terminate this contract, in whole or in part, at any time by written notice to the Contractor. The Contractor shall be paid its costs, including contract close-out costs, and profit on product delivered up to the time of termination. The Contractor shall promptly

submit its termination claim for payment. If the Contractor has any property in its possession belonging to the Department, the Contractor will account for the same and dispose of it in the manner the Department directs.

b) Termination for Default

If the Contractor does not deliver supplies in accordance with the contract delivery schedule, or, if the contract is for services, the Contractor fails to perform in the manner called for in the contract, or if the Contractor fails to comply with any other provisions of the contract, the Department may terminate this contract for default. Termination shall be affected by serving a notice of termination on the Contractor setting forth the manner in which the Contractor is in default. The Contractor will only be paid the contract price for supplies delivered and accepted, or services performed in accordance with the manner of performance set forth in the contract.

If it is later determined that the Contractor had an excusable reason for not performing, such as a strike, flood, events which are not the fault of or are beyond the control of the Contractor, the Department, after setting up a new delivery or performance schedule, may allow the Contractor to continue work, or treat the termination as a termination of convenience.

In the event the Department exercises its right of termination for default, and if an amount for liquidated damages is set forth, the Contractor shall be liable to the Department for excess costs and, in addition, for liquidated damages in the amount set forth, as fixed, agreed, and liquidated damages for each calendar day of delay, until such time as the Department may reasonably obtain delivery or performance of similar supplies or services.

If the contract is so terminated, the Contractor shall continue performance and be liable to the Department for such liquidated damages for each calendar day of delay until the supplies are delivered or services performed.

The Contractor shall not be liable for liquidated damages resulting from delays such as acts of God, strikes, fire or flood, and events which are not the fault of, or are beyond the control of the Contractor.

9. CIVIL RIGHTS

(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, the Contractor 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, the Contractor agrees to comply with applicable Federal implementing regulations and other implementing requirements FTA may issue.

(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, and Federal transit laws at 49 U.S.C. § 5332, the Contractor 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. The Contractor 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, the Contractor agrees to comply with any implementing requirements FTA may issue.

(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, the Contractor agrees to refrain from discrimination against present and prospective employees for reason of age. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.

(c) Disabilities - In accordance with section 102 of the Americans with Disabilities Act, as amended, 42 U.S.C. § 12112, the Contractor 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, the Contractor agrees to comply with any implementing requirements FTA may issue.

(3)The contractor agrees to comply with all applicable requirements of the Americans with Disabilities Act of 1990 (ADA), 42 U.S.C. Section 12101 et seq. And 49 U.S.C. Section 322; Section 504 of the Rehabilitation Act of 1973, as amended, 29 U.S.C., Section 794; Section 16 of the Federal Transit Act, as amended, 49 U.S.C. App. Section 1612; and implementing regulations, as may be amended.

(4) The Contractor also agrees to include these requirements in each subcontract financed in whole or in part with Federal assistance provided by FTA, modified only if necessary to identify the affected parties.

10. DISADVANTAGED BUSINESS ENTERPRISES

It is the policy of the Department of Transportation that Disadvantaged Business Enterprises as defined in 49 CFR Part 26 shall have the opportunity to participate in the performance of contracts

financed in whole or part with Federal funds under this contract. Consequently the DBE Requirements of 49 CFR Part 26 apply to this contract. The recipient or its contractor agrees to ensure that Disadvantaged Business Enterprises as defined in 49 CFR Part 26 have the opportunity to participate in the performance of contracts and subcontracts financed in whole or in part with Federal funds provided under this contract. In this regard all recipients or contractors shall take all necessary and reasonable steps in accordance with 49 CFR Part 26 to ensure that Disadvantaged Business Enterprises have the opportunity to compete for and perform contracts. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of FTA assisted subcontracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the Department deems appropriate.

The successful bidder agrees to comply with the following clauses:

Prompt Payment: The prime contractor agrees to pay each subcontractor under this prime contract for satisfactory performance of its contract no later than 30 days from the receipt of each payment the prime contractor receives from the Department. This clause applies to both DBE and Non-DBE subcontractors.

Retainage: The prime contractor agrees to return retainage payments to each subcontractor within 30 days after the subcontractor's work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of the Department. This clause applies to both DBE and non-DBE subcontractors. The specific goal for this contract is shown above under Disadvantaged Business Enterprise.

11. ENVIRONMENTAL VIOLATIONS

The Contractor agrees to comply with all applicable standards, orders, or requirements issued under Section 306 of the Clean Air Act (42 USC 1857 (h)), Section 508 of the Clean Water Act (33 USC 1368), Executive Order 11378, and Environmental Protection Agency regulations: (40 CFR, Part 15) which prohibit the use under nonexempt Federal contracts, grants or loans, of facilities included on the EPA List for Violating Facilities. The Contractor shall report violations to the FTA.

12. EQUAL EMPLOYMENT OPPORTUNITY

In connection with the execution of this contract, the Contractor shall not discriminate against any employee or applicant for employment because of race, creed, religion, color, national origin, age, sex or disability. The Contractor shall take affirmative action to insure that applicants are employed, and that employees are tested during their employment without regard to their race, creed, religion, color, national origin, age, sex or disability. Such actions 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. The Contractor

further agrees to insert a similar provision in all subcontracts, except subcontracts for standard commercial supplies or raw materials.

13. FTA FUNDING REQUIREMENTS

This project may be financed in part by funds from the Federal Transit Administration. Contractor shall at all times comply with all applicable FTA regulations, policies, procedures and directives, including without limitation those listed directly or by reference in the Master Agreement between the Department and FTA, as they may be amended or promulgated from time to time during the term of this contract. Contractor's failure to so comply shall constitute a material breach of this contract.

14. INCORPORATION OF FEDERAL TRANSIT ADMINISTRATION (FTA) TERMS

The preceding provisions include, in part, certain Standard Terms and Conditions required by DOT, whether or not expressly set forth in the preceding contract provisions. All contractual provisions required by FTA, as set forth in FTA Circular 4220.1F are hereby incorporated by reference. Anything to the contrary herein notwithstanding, all FTA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Agreement. The Contractor shall not perform any act, fail to perform any act, or refuse to comply with any Department requests which would cause the Department to be in violation of the FTA terms and conditions.

15. LOBBYING:

The Contractor is required to certify using the Certification of Restrictions on Lobbying Form included that, to the best of his or her knowledge and belief:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form--LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions [as amended by "Government wide Guidance for New Restrictions on Lobbying," 61 Fed. Reg. 1413 (1/19/96). Note: Language in paragraph (2) herein has been modified in accordance with Section 10 of the Lobbying Disclosure Act of 1995 (P.L. 104-65, to be codified at 2 U.S.C. 1601, *et seq.*.)]

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under

grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. The certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of the certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure. Pursuant to 31 U.S.C. § 1352(c)(1)-(2)(A), any person who makes a prohibited expenditure or fails to file or amend a required certification or disclosure form shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such expenditure or failure.

16. NO GOVERNMENT OBLIGATION TO THIRD PARTIES

(1) The Department and Contractor acknowledge and agree that, notwithstanding any concurrence by the Federal Government in or approval of the solicitation or award of the underlying contract, absent the express written consent by the Federal Government, the Federal Government is not a party to this contract and shall not be subject to any obligations or liabilities to the Department, Contractor, or any other party (whether or not a party to that contract) pertaining to any matter resulting from the underlying contract.

(2) The Contractor agrees to include the above clause in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to its provisions.

17. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS AND RELATED ACTS

(1) The Contractor acknowledges that the provisions of the Program Fraud Civil Remedies Act of 1986, as amended, 31 U.S.C. § 3801 et seq. and U.S. DOT regulations, "Program Fraud Civil Remedies," 49 C.F.R. Part 31, apply to its actions pertaining to this Project. Upon execution of the underlying contract, the Contractor certifies or affirms the truthfulness and accuracy of any statement it has made, it makes, it may make, or causes to be made, pertaining to the underlying contract or the FTA assisted project for which this contract work is being performed. In addition to other penalties that may be applicable, the Contractor further acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on the Contractor to the extent the Federal Government deems appropriate.

(2) The Contractor also acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government under a contract connected with a project that is financed in whole or in part with Federal assistance originally awarded by FTA under the authority of 49 U.S.C. § 5307, the Government reserves the right to impose the penalties of 18 U.S.C. § 1001 and 49 U.S.C. § 5307(n)(1) on the Contractor, to the extent the Federal Government deems appropriate.

(3) The Contractor agrees to include the above two clauses in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that the clauses shall not be modified, except to identify the subcontractor who will be subject to the provisions.

18. PROTEST PROCEDURES

Protests based upon the award of the contract shall be made in writing to the Contract Services Administrator no later than ten (10) calendar days following the award of the contract. The protest must clearly specify in writing the grounds and evidence on which the protest is based. The protest will be reviewed and decided pursuant to; the proposal documents issued by the Department, the Delaware Code, and the Federal Transit Authority's regulations.

19. RECORD RETENTION

The Contractor 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 Contractor agrees to maintain same until the Department, the FTA Administrator, the Comptroller General, or any of their duly authorized representatives, have disposed of all such litigation, appeals, claims or exceptions related thereto. Reference 49 CFR 18.39(i)(11).

20. SEISMIC SAFETY

The contractor agrees that any new building or addition to an existing building will be designed and constructed in accordance with the standards for Seismic Safety required in Department of Transportation Seismic Safety Regulations 49 CFR Part 41 and will certify to compliance to the extent required by the regulation. The contractor also agrees to ensure that all work performed under this contract including work performed by a subcontractor is in compliance with the standards required by the Seismic Safety Regulations and the certification of compliance issued on the project.

21. TITLE VI COMPLIANCE

During the performance of any Contract entered into pursuant to these specifications, the Contractor, for itself, its assignees and successor in interest, agrees that it shall comply with Title VI of the Civil Rights Act of 1964 (42 U.S.C. section 2000d) and the Regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation, Title 49, Code of Federal Regulations Part 21, as they may be amended from time to time which are incorporated by reference and made a part of this contract.

22. INTELLIGENT TRANSPORTATION SYSTEMS

Intelligent transportation system (ITS) property and services must comply with the National ITS Architecture and Standards to the extent required by Section 5307(c) of SAFETEA-LU, FTA Notice, "FTA National ITS Architecture Policy on Transit Projects," 66 FR 1455 et seq., January 8, 2001, and later published policies or implementing directives FTA may issue. Consequently, third party contracts involving ITS are likely to require provisions to ensure compliance with Federal requirements.

CERTIFICATION OF ELIGIBILITY

Delaware Department of Transportation

Request for Proposal 1888 – Environmental And Water Quality Monitoring

We have read Request for Proposal number 1888 and fully understand the intent of the RFP as stated, certify that we have adequate personnel and knowledge to fulfill the requirements thereof, and agree to furnish such services in accordance with the contract documents as indicated should we be awarded the contract.

_____ hereby certifies that it is not included on the United States Comptroller General’s Consolidated List of Persons or Firms Currently Debarred for Violations of Various Public Contracts Incorporating Labor Standard Provisions.

_____ Signature of the Bidder or Offeror’s Authorized Official

_____ Name and Title of the Bidder or Offeror’s Authorized Official

_____ Date

Sworn and subscribed before me this _____ day of _____, 20__

Notary Public

My commission expires: _____ / _____ / 20__
Month Day Year

CERTIFICATE OF NON-COLLUSION

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of knowledge and belief:

- 1) The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement for the purpose of restricting to such prices, with any other bidder or with any competitor;
- 2) Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the Bidder and will not knowingly be disclosed by the Bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and
- 3) No attempt has been made or will be made by the Bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

_____ Signature of the Bidder or Offeror's Authorized Official

_____ Name and Title of the Bidder or Offeror's Authorized Official

_____ Date

Sworn and subscribed before me this _____ day of _____, 20__

Notary Public

My commission expires: _____ / _____ / 20____
Month Day Year

**CERTIFICATION OF PRIMARY PARTICIPANT REGARDING DEBARMENT, SUSPENSION,
AND OTHER RESPONSIBILITY MATTERS**

The Primary Participant (applicant for an FTA grant or cooperative agreement, or potential contractor for a major third party contract), _____ certifies to the best of its knowledge and belief, that it and its principals:

- 1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- 2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or Local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- 3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or Local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
- 4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or Local) terminated for cause or default.

If the primary participant (applicant for an FTA grant or cooperative agreement, or potential third party contractor) is unable to certify to any of the statements in this certification, the participant shall attach an explanation to this certification.

The Primary Participant (applicant for an FTA grant or cooperative agreement, or potential contractor for a major third party contract), _____ certifies or affirms the truthfulness and accuracy of the contents of the statements submitted on or with this certification and understands that the provisions of 31 U.S.C. Sections 3801 et seq, are applicable thereto.

Signature of the Bidder or Offeror's Authorized Official

Name and Title of the Bidder or Offeror's Authorized Official

Date

CERTIFICATION OF RESTRICTIONS ON LOBBYING

The Bidder or Offeror certifies, to the best of its knowledge and belief, that:

- 1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of a Federal department or agency, a Member of the U.S. Congress, an officer or employee of the U.S. Congress, or an employee of a Member of the U.S. Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification thereof.

- 2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form--LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions (as amended by "Government wide Guidance for New Restrictions on Lobbying," 61 Fed. Reg. 1413 (1/19/96). Note: Language in paragraph (2) herein has been modified in accordance with Section 10 of the Lobbying Disclosure Act of 1995 (P.L. 104-65, to be codified at 2 U.S.C. 1601, et seq.)).

- 3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

THE BIDDER OR OFFEROR, _____, CERTIFIES OR AFFIRMS THE TRUTHFULNESS AND ACCURACY OF EACH STATEMENT OF ITS CERTIFICATION AND DISCLOSURE, IF ANY. IN ADDITION, THE BIDDER OR OFFEROR UNDERSTANDS AND AGREES THAT THE PROVISIONS OF 31 U.S.C. §§ 3801 ET SEQ. APPLY TO THIS CERTIFICATION AND DISCLOSURE, IF ANY.

_____ Signature of the Bidder or Offeror's Authorized Official

_____ Name and Title of the Bidder or Offeror's Authorized Official

_____ Date