



Public Works Utility Operations Department

DATE: May 19, 2022

FROM: Michelle Klose, Public Works Utility Water Director

ITEM: Task Order No. 16 to the Agreement with AE2S for Engineering Consulting Services for O&M Projects

REQUEST:

Request approval to accept Task Order No. 16 to the Agreement with AE2S for Engineering Consulting Services for O&M Projects for Utility Operations.

Please place this item on the May 24, 2022, City Commission meeting agenda.

BACKGROUND INFORMATION:

Task Order No. 16 is for the Water Collections Supervisory Control and Data Acquisition (SCADA) Upgrade. This task order will provide year 1 design, construction, bidding, and I&C professional services. The total estimated fee for Task Order No. 16 is not to exceed \$177,500.00.

RECOMMENDED CITY COMMISSION ACTION:

Approve Task Order No. 16 with AE2S in the amount not to exceed \$177,500.00 for the Water Collections SCADA Upgrade.

STAFF CONTACT INFORMATION:

Michelle Klose, Public Works Utility Operations Director, 355-1700, mklose@bismarcknd.gov

Task Order No. 16

In accordance with Paragraph 1.02 of the Short Form of Task Order Agreement Between Owner and Engineer for Professional Services, dated April 13, 2021 ("Agreement"), Owner and Engineer agree as follows:

1. Background Data

- a. Effective Date of Task Order: May 24, 2022
- b. Owner: City of Bismarck
- c. Engineer: Advanced Engineering and Environmental Services, LLC.
- d. Specific Project (title): Water Collections SCADA Upgrade 2022 Design & Bidding Services
- e. Specific Project (description): Provide Year 1 design, construction, bidding, and I&C professional services for the Water Collections Supervisory Control and Data Acquisition System upgrade.

2. Basic Services

The specific services to be provided or furnished by Engineer under this Task Order are as follows:

- A. **Final Design Phase Services** consist of preparing bid documents that include; construction plans, front end agreement documents, and technical specifications for obtaining competitive bids for the installation of the proposed SCADA improvements for the following sites:
 - a. Public Works (cell modem addition only)
 - b. Washington Lift Station (cell modem addition only)
 - c. Wachter 9 Lift Station (cell modem addition)
 - d. Pioneer Lift Station
 - e. 9th and Bismarck Lift Station
 - f. 26th Street Lift Station
 - g. Tatley Lift Station
 - h. Wachter 7 Lift Station
 - i. Billings and Reno Lift Station

1. Upon written authorization from the Owner, the Engineer shall:

- 1) Prepare final Drawings and Specifications for the SCADA upgrade consistent with the design standards determined in PER meeting. Final Drawings and Specification will consist of:
 - (i) Electrical and I&C designs consisting of coordination of electrical power service requirements with the local electrical utility company, SCADA equipment to interface with the Owner's system, and telemetry designs to support communication between locations.

- 2) Prepare for and conduct 90% Final Design Package review meeting with the Owner's staff. 90% Final Design Package will consist of:
 - (i) 90% Construction Drawings showing the general location of equipment upgrades.
 - (ii) 90% Front End Documents and Technical Specifications
 - (iii) Outline of the EJCDC Bidding Documents and Construction Forms and copies of C-520 Agreement between Owner & Contractor, C-700 General Conditions and C-800 Supplementary Conditions for review by Owner's legal counsel.
 - (iv) Outline of the 50 Division Technical Specifications. Actual specification sections to be included with final submittal.
 - (v) Updated Opinion of Total Project Costs
 - (vi) 90% review meeting will be conducted with Owner's representatives in the Engineer's Bismarck office. Video conferencing will be utilized for Engineer's staff located outside of Bismarck.
- 3) Prepare for and conduct a Final Design Package review meeting with the Owner's staff. Final Design Package will consist of:
 - (i) Final Construction Drawings consisting of:
 - (a) Three (3) General Sheets for cover, legends, and construction notes; and
 - (b) Twenty-eight (28) Electrical sheets including plans, schematics, ID lists and remaining details for documenting the SCADA upgrade requirements.
 - (ii) Final EJCDC Bidding Documents and Construction Forms with revisions as recommended by the Owner's legal counsel.
 - (iii) Final 50 Division Technical Specifications
 - (iv) Updated Opinion of Total Project Costs
 - (v) Final Design review meeting will be conducted with Owner's representatives in the Engineer's Bismarck office. Video conferencing will be utilized for Engineer's staff located outside of Bismarck.
- 4) Furnish for review by Owner, its legal counsel, and other advisors, a digital copy of the final Drawings and Specifications, assembled drafts of other Construction Contract Documents, the draft bidding-related documents (or requests for proposals or other construction procurement documents), and any other Final Design Phase deliverables and review them with Owner. Within 21 days of receipt, Owner shall submit to Engineer any comments regarding the furnished items, and any instructions for revisions.
- 5) Revise the final Drawings and Specifications, assembled drafts of other Construction Contract Documents, the draft bidding-related documents (or requests for proposals or other construction procurement documents), and any other Final Design Phase deliverables in accordance with comments and instructions from the Owner, as appropriate.

2. Engineer's services under the Design Phase will be considered complete on the date when Engineer has delivered to Owner the final Drawings and Specifications, other assembled Construction Contract Documents, bidding-related documents (or requests for proposals or other construction procurement documents), and any other Final Design Phase deliverables.

B. Bidding & Negotiation Phase Services consisting of assisting the Owner in obtaining comparable bids from contractors/installers, answer questions from prospective bidders, review bids for conformance with the project requirements, and recommend the award of construction contract with the lowest responsive bidder.

1. After acceptance by Owner of the final Drawings and Specifications, other Construction Contract Documents, bidding-related documents (or requests for proposals or other construction procurement documents), and the most recent opinion of probable Construction Cost as determined in the Final Design Phase, and upon written authorization by Owner to proceed, Engineer shall:

- a. Assist Owner in advertising for and obtaining bids or proposals for the Work, assist Owner in issuing assembled design, contract, and bidding-related documents (or requests for proposals or other construction procurement documents) to prospective contractors, and, where applicable, maintain a record of prospective contractors to which documents have been issued, attend pre-bid conferences, if any, and receive and process contractor deposits or charges for the issued documents.

- 1) Advertisement for bid will be coordinated with the local legal notice paper, a local daily paper, QuestCDN or similar service and, other regional construction trade organizations consistent with the requirements of the State of North Dakota regulations.

- b. Prepare and issue Addenda as appropriate to clarify, correct, or change the issued documents.
- c. Provide information or assistance needed by Owner in the course of any review of proposals or negotiations with prospective contractors.
- d. Consult with Owner as to the qualifications of prospective contractors.
- e. Consult with Owner as to the qualifications of subcontractors, suppliers, and other individuals and entities proposed by prospective contractors, for those portions of the Work as to which review of qualifications is required by the issued documents.
- f. Attend the bid opening, prepare bid tabulation sheets to meet Owner's schedule, make a recommendation for award, and assist Owner in evaluating bids or proposals, assembling final contracts for the Work for execution by Owner and Contractor, and in issuing notices of award of such contracts.

2. The Bidding or Negotiating Phase will be considered complete upon commencement of the Construction Phase or upon cessation of negotiations with prospective contractors.

C. Construction Phase Services consist of administering the construct agreement, reviewing shop drawings and submittals, observing the Contractors/Installers work, processing pay requests, and recommending acceptance of the final work product.

1. Upon successful completion of the Bidding Assistance Phase, and upon written authorization from Owner, Engineer shall:

- a. *General Administration of Construction Contract:* Consult with Owner and act as Owner's representative as provided in the Construction Contract. The extent and limitations of the

duties, responsibilities, and authority of Engineer shall be as assigned in EJCDC® C-700, Standard General Conditions of the Construction Contract, prepared by the Engineers Joint Contract Documents Committee, or other construction general conditions specified in writing by the Owner. If Owner, or Owner and Contractor, modify the duties, responsibilities, and authority of Engineer in the Construction Contract, or modify other terms of the Construction Contract having a direct bearing on Engineer, then Owner shall compensate Engineer for any related increases in the cost to provide Construction Phase services. Engineer shall not be required to furnish or perform services contrary to Engineer's responsibilities as a licensed professional. All of Owner's instructions to Contractor will be issued through Engineer, which shall have authority to act on behalf of Owner in dealings with Contractor to the extent provided in this Agreement and the Construction Contract except as otherwise provided in writing.

- b. *Resident Project Representative (RPR):* Not Used
- c. *Selection of Independent Testing Laboratory:* Not Used.
- d. *Pre-Construction Conference:* Participate in a pre-construction conference prior to commencement of Work at the Site.
- e. *Electronic Transmittal Protocols:* Not Used
- f. *Original Documents:* Received from the Contractor and provide to the Owner all operations and maintenance manuals for the installed SCADA upgrades.
- g. *Schedules:* Receive, review, and determine the acceptability of any and all schedules that Contractor is required to submit to Engineer, including the Progress Schedule, Schedule of Submittals, and Schedule of Values.
- h. *Baselines and Benchmarks:* Not Used
- i. *Visits to Site and Observation of Construction:* In connection with observations of Contractor's Work while it is in progress:
 - 1) Make visits to the Site at intervals appropriate to the various stages of construction, as Engineer deems necessary, to observe as an experienced and qualified design professional the progress of Contractor's executed Work. Such visits and observations by Engineer, and the Resident Project Representative, if any, are not intended to be exhaustive or to extend to every aspect of the Work or to involve detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in this Agreement and the Construction Contract Documents, but rather are to be limited to spot checking, selective sampling, and similar methods of general observation of the Work based on Engineer's exercise of professional judgment, as assisted by the Resident Project Representative, if any. Based on information obtained during such visits and observations, Engineer will determine in general if the Work is proceeding in accordance with the Construction Contract Documents, and Engineer shall keep Owner informed of the progress of the Work.
 - 2) The purpose of Engineer's visits to the Site, and representation by the Resident Project Representative, if any, at the Site, will be to enable Engineer to better carry out the duties and responsibilities assigned to and undertaken by Engineer during the Construction Phase, and, in addition, by the exercise of Engineer's efforts as an experienced and qualified design professional, to provide for Owner a greater degree of confidence that the completed Work will conform in general to the Construction Contract Documents and

that Contractor has implemented and maintained the integrity of the design concept of the completed Project as a functioning whole as indicated in the Construction Contract Documents. Engineer shall not, during such visits or as a result of such observations of the Work, supervise, direct, or have control over the Work, nor shall Engineer have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, for security or safety at the Site, for safety precautions and programs incident to any Constructor's work in progress, for the coordination of the Constructors' work or schedules, nor for any failure of any Constructor to comply with Laws and Regulations applicable to furnishing and performing of its work. Accordingly, Engineer neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to furnish or perform the Work, or any portion of the Work, in accordance with the Construction Contract Documents.

- j. *Defective Work*: Reject Work if, on the basis of Engineer's observations, Engineer believes that such Work is defective under the terms and standards set forth in the Construction Contract Documents. Provide recommendations to Owner regarding whether Contractor should correct such Work or remove and replace such Work, or whether Owner should consider accepting such Work as provided in the Construction Contract Documents.
- k. *Compatibility with Design Concept*: If Engineer has express knowledge that a specific part of the Work that is not defective under the terms and standards set forth in the Construction Contract Documents is nonetheless not compatible with the design concept of the completed Project as a functioning whole, then inform Owner of such incompatibility, and provide recommendations for addressing such Work.
- l. *Clarifications and Interpretations*: Accept from Contractor and Owner submittal of all matters in question concerning the requirements of the Construction Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Construction Contract Documents. With reasonable promptness, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Construction Contract Documents.
- m. *Non-reviewable Matters*: If a submitted matter in question concerns the Engineer's performance of its duties and obligations, or terms and conditions of the Construction Contract Documents that do not involve (1) the performance or acceptability of the Work under the Construction Contract Documents, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, then Engineer will promptly give written notice to Owner and Contractor that Engineer will not provide a decision or interpretation.
- n. *Field Orders*: Subject to any limitations in the Construction Contract Documents, Engineer may prepare and issue Field Orders requiring minor changes in the Work.
- o. *Change Orders and Work Change Directives*: Recommend Change Orders and Work Change Directives to Owner, as appropriate, and prepare Change Orders and Work Change Directives as required.
- p. *Differing Site Conditions*: Respond to any notice from Contractor of differing site conditions, including conditions relating to underground facilities such as utilities, and hazardous environmental conditions. Promptly conduct reviews and prepare findings, conclusions, and recommendations for Owner's use.

- q. *Shop Drawings, Samples, and Other Submittals*: Review and approve or take other appropriate action with respect to Shop Drawings, Samples, and other required Contractor submittals, but only for conformance with the information given in the Construction Contract Documents and compatibility with the design concept of the completed Project as a functioning whole as indicated by the Construction Contract Documents. Such reviews and approvals or other action will not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto. Engineer shall meet any Contractor's submittal schedule that Engineer has accepted.
- r. *Substitutes and "Or-equal"*: Evaluate and determine the acceptability of substitute or "or-equal" materials and equipment proposed by Contractor.
- s. *Inspections and Tests*:
 - 1) Receive and review all certificates of inspections, tests, and approvals required by Laws and Regulations or the Construction Contract Documents. Engineer's review of such certificates will be for the purpose of determining that the results certified indicate compliance with the Construction Contract Documents and will not constitute an independent evaluation that the content or procedures of such inspections, tests, or approvals comply with the requirements of the Construction Contract Documents. Engineer shall be entitled to rely on the results of such inspections and tests.
 - 2) As deemed reasonably necessary, request that Contractor uncover Work that is to be inspected, tested, or approved.
 - 3) Pursuant to the terms of the Construction Contract, require special inspections or testing of the Work, whether or not the Work is fabricated, installed, or completed.
- t. *Disagreements between Owner and Contractor*. Render formal written decisions on all duly submitted issues relating to the acceptability of Contractor's work or the interpretation of the requirements of the Construction Contract Documents pertaining to the execution, performance, or progress of Contractor's Work; review each duly submitted Claim by Owner or Contractor, and in writing either deny such Claim in whole or in part, approve such Claim, or decline to resolve such Claim if Engineer in its discretion concludes that to do so would be inappropriate. In rendering such decisions, Engineer shall be fair and not show partiality to Owner or Contractor and shall not be liable in connection with any decision rendered in good faith in such capacity.
- u. *Applications for Payment*: Based on Engineer's observations as an experienced and qualified design professional and on review of Applications for Payment and accompanying supporting documentation:
 - 1) Determine the amounts that Engineer recommends Contractor be paid. Recommend reductions in payment (set-offs) based on the provisions for set-offs stated in the Construction Contract. Such recommendations of payment will be in writing and will constitute Engineer's representation to Owner, based on such observations and review, that, to the best of Engineer's knowledge, information and belief, Contractor's Work has progressed to the point indicated, the Work is generally in accordance with the Construction Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, to the results of any subsequent tests called for in the Construction Contract Documents, and to any other qualifications stated in the recommendation), and the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work. In the case of unit price Work, Engineer's recommendations of

payment will include final determinations of quantities and classifications of the Work (subject to any subsequent adjustments allowed by the Construction Contract Documents).

- 2) By recommending payment, Engineer shall not thereby be deemed to have represented that observations made by Engineer to check the quality or quantity of Contractor's Work as it is performed and furnished have been exhaustive, extended to every aspect of Contractor's Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in this Agreement. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment including final payment will impose on Engineer responsibility to supervise, direct, or control the Work, or for the means, methods, techniques, sequences, or procedures of construction or safety precautions or programs incident thereto, or Contractor's compliance with Laws and Regulations applicable to Contractor's furnishing and performing the Work. It will also not impose responsibility on Engineer to make any examination to ascertain how or for what purposes Contractor has used the money paid to Contractor by Owner; to determine that title to any portion of the Work, including materials or equipment, has passed to Owner free and clear of any liens, claims, security interests, or encumbrances; or that there may not be other matters at issue between Owner and Contractor that might affect the amount that should be paid.
- v. *Contractor's Completion Documents:* Receive from Contractor, review, and transmit to Owner maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance required by the Construction Contract Documents, certificates of inspection, tests and approvals, and Shop Drawings, Samples, and other data approved. Receive from Contractor, review, and transmit to Owner the annotated record documents which are to be assembled by Contractor in accordance with the Construction Contract Documents to obtain final payment. The extent of Engineer's review of record documents shall be to check that Contractor has submitted all pages.
 - w. *Substantial Completion:* Promptly after notice from Contractor that Contractor considers the entire Work ready for its intended use, in company with Owner and Contractor, visit the Site to review the Work and determine the status of completion. Follow the procedures in the Construction Contract regarding the preliminary certificate of Substantial Completion, punch list of items to be completed, Owner's objections, notice to Contractor, and issuance of a final certificate of Substantial Completion. Assist Owner regarding any remaining engineering or technical matters affecting Owner's use or occupancy of the Work following Substantial Completion. Make a recommendation to the Owner that the work has reached Substantial Completion.
 - x. *Final Notice of Acceptability of the Work:* Conduct a final visit to the Project to determine if the Work is complete and acceptable so that Engineer may recommend, in writing, final payment to Contractor. Accompanying the recommendation for final payment, Engineer shall also provide a notice to Owner and Contractor that the Work is acceptable to the best of Engineer's knowledge, information, and belief, and based on the extent of the services provided by Engineer under this Agreement.
 - y. *Standards for Certain Construction-Phase Decisions:* Engineer will render decisions regarding the requirements of the Construction Contract Documents, and judge the acceptability of the Work, pursuant to the specific procedures set forth in the Construction Contract for initial interpretations, Claims, and acceptance of the Work. In rendering such decisions and judgments, Engineer will not show partiality to Owner or Contractor, and will not be liable to Owner, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments conducted or rendered in good faith.

2. *Duration of the Construction Phase:* The Construction Phase will commence with the execution of the first Construction Contract for the Project or any part thereof and will terminate upon written recommendation by Engineer for final payment to Contractors. Engineer shall be entitled to an equitable increase in compensation if Construction Phase services (including Resident Project Representative services, if any) are required after the original date for completion and readiness for final payment of Contractor as set forth in the Construction Contract.

D. **Instrumentation and Controls (I&C) Phase Services** consist of the programming and commissioning of new lift station control panel Programmable Logic Controllers (PLCs), Human Machine Interfaces (HMIs), network development and configuration, security, and Supervisory Control and Data Acquisition (SCADA) enhancements.

1. Develop, program, and commission into service functional PLC and HMI applications with select supervisory and control capabilities of the lift station processes.
2. Review with Owner and customize HMI and PLC functionality, including automated operations.
3. Setup, configuration, and testing of network devices and associated communication equipment.
4. Configuration and coordination with City IT for cellular modem telemetry and data exchange systems.
5. Setup and configuration of new SCADA workstation servers (PBO) with current version of Wonderware InTouch Software (PBO).
6. Upgrade and incorporate existing InTouch Wonderware application screens into current version.
7. Perform on-site I/O checkout, alarming, logic and automation functions for the PLC and HMI systems.
8. Develop historical data and trending of lift station processes.
9. Coordinate with System Integrator (SI) for startup services, device configuration, and panel checkout.
10. Coordinate with SI to provide updated panel drawings to document field modifications, revisions, and additions.

3. Additional Services

- A. Additional Services that may be authorized or necessary under this Task Order, or a Future Task Order are as follows: *None Identified*.

4. Owner's Responsibilities

- A. Owner shall have those responsibilities set forth in the Agreement, subject to the following:
 1. Designate a contact person to act as a City representative with respect to the professional services to be rendered with complete authority to transmit instructions, receive information, and interpret and define the City's policies and decisions with respect to engineering services.

5. Task Order Schedule

- A. Basic Services and Additional Services completion shall be no later than December 31, 2023.

6. Payments to Engineer

- A. Owner shall pay Engineer for services rendered under this Task Order as follows:
- a. An amount equal to the cumulative hours charged to the Project by each class of Engineer's employees times standard hourly rates for each applicable billing class for all services performed on the Specific Project, plus reimbursable expenses and Engineer's consultants' charges, if any.
 - b. Engineer shall use Standard 2022 Hourly Rates as shown in Appendix 1.
 - c. The total compensation for Basic Services including reimbursable expenses will not exceed \$177,500 distributed as shown below:

i. Design Phase	\$50,000
ii. Bidding & Negotiation Phase	\$12,500
iii. Construction Services Phase	\$20,000
iv. I&C Services Phase	\$95,000
 - d. Compensation items and totals based in whole or in part on Hourly Rates or Direct Labor are estimates only. Estimated totals amounts included in the breakdown by phases incorporate Engineer's labor, overhead, profit, reimbursable expenses (if any), and Consultant's charges (if any). Engineer may alter the distribution of compensation between individual phases (line items) to be consistent with services actually rendered. Engineer shall not exceed the total estimated compensation amount unless approved in writing by the Owner.
- B. The terms of payment are set forth in the Agreement.

7. Consultants retained as of the Effective Date of the Task Order: None

8. Other Modifications to Agreement: None

9. Attachments: Appendix 1 – 2022 Rates/Expense Schedule

10. Other Documents Incorporated by Reference: None

11. Terms and Conditions

Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is May 24, 2022.

OWNER:
City of Bismarck

ENGINEER:
Advanced Engineering and Environmental Services, LLC.

By: _____

By: _____

Print Name: Steve Bakken

Print Name: Lisa Ansley

Title: President of Board of City
Commissioners

Title: Chief Operating Officer

DESIGNATED REPRESENTATIVES FOR TASK ORDER:

Name: Jeron Fuller

Name: Mike Chorne

Title: Water Collection & Distribution
Superintendent

Title: I&C Regional Manager

E-Mail jfueller@bismarcknd.gov

E-Mail mike.chorne@ae2s.com

Phone: (701) 355-1700

Phone: (701) 221-0530

ADVANCED ENGINEERING AND ENVIRONMENTAL SERVICES, LLC
2022 HOURLY FEE AND EXPENSE SCHEDULE

Labor Rates*

Administrative 1	\$61.00
Administrative 2	\$74.00
Administrative 3	\$89.00
Engineering Assistant 1	\$77.00
Engineering Assistant 2	\$92.00
Engineering Assistant 3	\$116.00
Engineer 1	\$125.00
Engineer 2	\$148.00
Engineer 3	\$177.00
Engineer 4	\$203.00
Engineer 5	\$215.00
Engineering Technician 1	\$75.00
Engineering Technician 2	\$96.00
Engineering Technician 3	\$117.00
Engineering Technician 4	\$131.00
Engineering Technician 5	\$149.00
GIS Specialist 1	\$98.00
GIS Specialist 2	\$118.00
GIS Specialist 3	\$139.00
GIS Specialist 4	\$155.00
GIS Specialist 5	\$173.00
I&C Assistant	\$98.00
I&C 1	\$138.00
I&C 2	\$160.00
I&C 3	\$183.00
I&C 4	\$194.00
I&C 5	\$203.00
IT 1	\$117.00
IT 2	\$159.00
IT 3	\$190.00
Operations Specialist 1	\$93.00
Operations Specialist 2	\$113.00
Operations Specialist 3	\$140.00
Operations Specialist 4	\$158.00
Operations Specialist 5	\$184.00
Project Coordinator 1	\$109.00
Project Coordinator 2	\$121.00
Project Coordinator 3	\$132.00
Project Coordinator 4	\$148.00
Project Coordinator 5	\$167.00
Project Manager 1	\$188.00
Project Manager 2	\$206.00
Project Manager 3	\$223.00
Sr. Project Manager 1	\$235.00
Sr. Project Manager 2	\$254.00
Sr. Project Manager 3	\$265.00

Technical Expert 1	\$320.00
Technical Expert 2	Negotiable

Reimbursable Expense Rates

Transportation	\$0.65/mile
Laser Printouts/Photocopies	\$0.30/copy
Plotter Printouts	\$1.00/s.f.
Cellular Modem	\$75.00/month
Web Hosting	\$26.00/month
Legal Services Reimbursement	\$250.00/hour
Outside Services	cost *1.15
Out of Pocket Expenses	cost*1.15
Rental Car	cost*1.20
Project Specific Equipment	Negotiable

* Position titles are for labor rate grade purposes only.

These rates are subject to adjustment each year on January 1.