REQUEST FOR PROPOSALS FOR

EVERETT FARES WAREHOUSE/OFFICE INFRASTRUCTURE CABLELING

ISSUING OFFICE

PENNSYLVANIA TURNPIKE COMMISSION

INFORMATION TECHNOLOGY, TECHNOLOGY INFRASTRUCTURE, COMMUNICATION SYSTEMS

RFP NUMBER

RFP-10-10350-2433

DATE OF ISSUANCE

March 17, 2010
REQUEST FOR PROPOSALS FOR

EVERETT FARES WAREHOUSE/OFFICE INFRASTRUCTURE CABLING

RFP-10-10350-2433

TABLE OF CONTENTS

Part I - GENERAL INFORMATION FOR PROPOSER Page 1
Part II - INFORMATION REQUIRED FROM PROPOSERS Page 8
Part III - CRITERIA FOR SELECTION Page 12
Part IV - WORK STATEMENT Page 14

APPENDIX A – Prevailing Wages Project Rates
APPENDIX B – Everett Fares Warehouse Drops By Location and Type
APPENDIX C – GAI-Tronics Radio/Intercom System Expansion Everett Riser Wiring Diagram
APPENDIX D – Everett Fares Warehouse/Office Architectural, Electrical and Systems Drawings
APPENDIX E – Everett Fares Warehouse/Office Part Specifications
APPENDIX F – Everett Fares Warehouse Server Room Layout
PART I

GENERAL INFORMATION FOR PROPOSERS

I-1. Purpose. This request for proposals (RFP) provides interested Proposers with sufficient information to enable them to prepare and submit proposals for consideration by the Pennsylvania Turnpike Commission (Commission) to satisfy a need for Everett Fares Warehouse/Office Infrastructure Cabling.

I-2. Issuing Office. This RFP is issued for the Commission by the Information Technology Department, Communications Systems.

I-3. Scope. This RFP contains instructions governing the proposals to be submitted and the material to be included therein; a description of the service to be provided; requirements which must be met to be eligible for consideration; general evaluation criteria; and other requirements to be met by each proposal.

I-4. Problem Statement. The Commission is building a new Everett Fares Warehouse/Office Facility at mile marker 154.42 eastbound, on the Pennsylvania Turnpike, at the Everett Maintenance Campus. The Fares Facility will require infrastructure cabling for work station network access, radio communications and campus network connectivity. Refer to Part IV for a detailed statement of work.

I-5. Type of Contract. It is proposed that if a contract is entered into as a result of this RFP, it will be a fixed price contract. The Commission may in its sole discretion undertake negotiations with Proposers whose proposals as to price and other factors show them to be qualified, responsible, and capable of performing the work.

I-6. Rejection of Proposals. The Commission reserves the right to reject any and all proposals received as a result of this request, or to negotiate separately with competing Proposers.

I-7. Subcontracting. Any use of subcontractors by a Proposer must be identified in the proposal. During the contract period use of any subcontractors by the selected Proposer, which were not previously identified in the proposal, must be approved in advance in writing by the Commission.

A firm that responds to this solicitation as a prime may not be included as a designated subcontractor to another firm that responds to the same solicitation. Multiple responses under any of the foregoing situations may cause the rejection of all responses of the firm or firms involved. This does not preclude a firm from being set forth as a designated subcontractor to more than one prime contractor responding to the project advertisement.

I-8. Incurring Costs. The Commission is not liable for any costs the Proposer incurs in preparation and submission of its proposal, in participating in the RFP process or in anticipation of award of contract.

I-9. Mandatory Pre-proposal Conference. A mandatory pre-proposal conference will be held at 10:30 a.m., April 6, 2010, at the Commission’s Central Office, 700 S. Eisenhower Blvd., Middletown, PA 17057 in Conference Room 133. The purpose of this conference is to clarify any points in the RFP, which may not have been clearly understood. Questions should be forwarded prior to the meeting to ensure sufficient analysis can be made before an answer is supplied. Written questions
should be submitted by email to RFP-Q@paturnpike.com with RFP 10-10350-2433 in the Subject Line to be received no later than March 31, 2010, at 12:00 PM, (Noon). In view of the limited facilities available for the conference, it is requested representation be limited to 2 individuals per Proposer. The pre-proposal conference is for information only. Answers furnished during the conference will not be official until verified, in writing, by the Issuing Office. All questions and written answers will be issued as an addendum to and become part of this RFP.

FAILURE TO BE REPRESENTED AND SIGNED IN AT THIS MANDATORY PRE-PROPOSAL CONFERENCE WILL BE CAUSE FOR REJECTION OF PROPOSAL.

I-10. Addenda to the RFP. If it becomes necessary to revise any part of this RFP before the proposal response date, addenda will be posted to the Commission’s website under the original RFP document. It is the responsibility of the Proposer to periodically check the website for any new information or addenda to the RFP.

The Commission may revise a published advertisement. If the Commission revises a published advertisement less than ten days before the RFP due date, the due date will be extended to maintain the minimum ten-day advertisement duration if the revision alters the project scope or selection criteria. Firms are responsible to monitor advertisements/addenda to ensure the submitted proposal complies with any changes in the published advertisement.

I-11. Response. To be considered, proposals must be delivered to the Pennsylvania Turnpike Commission’s Contracts Administration Department, Attention: Wanda Metzger, on or before April 22, 2010, by 12:00 noon. The Pennsylvania Turnpike Commission is located at 700 South Eisenhower Boulevard, Middletown, PA 17057 (Street address). Our mailing Address is P. O. Box 67676, Harrisburg, PA 17106.

Please note that use of U.S. Mail delivery does not guarantee delivery to this address by the above-listed time for submission. Proposers mailing proposals should allow sufficient delivery time to ensure timely receipt of their proposals. If the Commission office location to which proposals are to be delivered is closed on the proposal response date, due to inclement weather, natural disaster, or any other cause, the deadline for submission shall be automatically extended until the next Commission business day on which the office is open. Unless the Proposers are otherwise notified by the Commission, the time for submission of proposals shall remain the same.

I-12. Proposals. To be considered, Proposers should submit a complete response to this RFP, using the format provided in PART II. Each proposal should be submitted in seven (7) hard copies and one (1) CD-ROM to the Contract Administration Department. No other distribution of proposals will be made by the Proposer. Each proposal page should be numbered for ease of reference. Proposals must be signed by an official authorized to bind the Proposer to its provisions and include the Proposer’s Federal Identification Number. For this RFP, the proposal must remain valid for at least 120 days. Moreover, the contents of the proposal of the selected Proposer will become contractual obligations if a contract is entered into.

Each and every Proposer submitting a proposal specifically waives any right to withdraw or modify it, except as hereinafter provided. Proposals may be withdrawn by written or telefax notice received at the Commission’s address for proposal delivery prior to the exact hour and date specified for proposal receipt. However, if the Proposer chooses to attempt to provide such written notice by telefax transmission, the Commission shall not be responsible or liable for errors in telefax transmission. A
The proposal may also be withdrawn in person by a Proposer or its authorized representative, provided its identity is made known and it signs a receipt for the proposal, but only if the withdrawal is made prior to the exact hour and date set for proposal receipt. A proposal may only be modified by the submission of a new sealed proposal or submission of a sealed modification which complies with the requirements of this RFP.

**I-13. Economy of Preparation.** Proposals should be prepared simply and economically, providing a straightforward, concise description of the Proposer’s ability to meet the requirements of the RFP.

**I-14. Discussions for Clarification.** Proposers who submit proposals may be required to make an oral or written clarification of their proposals to the Issuing Office to ensure thorough mutual understanding and Proposer responsiveness to the solicitation requirements. The Issuing Office will initiate requests for clarification.

**I-15. Best and Final Offers.** The Issuing Office reserves the right to conduct discussions with Proposers for the purpose of obtaining “best and final offers.” To obtain best and final offers from Proposers, the Issuing Office may do one or more of the following: a) enter into pre-selection negotiations; b) schedule oral presentations; and c) request revised proposals. The Issuing Office will limit any discussions to responsible Proposers whose proposals the Issuing Office has determined to be reasonably susceptible of being selected for award.

**I-16. Prime Proposer Responsibilities.** The selected Proposer will be required to assume responsibility for all services offered in its proposal whether or not it produces them. Further, the Commission will consider the selected Proposer to be the sole point of contact with regard to contractual matters.

**I-17. Proposal Contents.** Proposals will be held in confidence and will not be revealed or discussed with competitors, unless disclosure is required to be made (i) under the provisions of any Commonwealth or United States statute or regulation; or (ii) by rule or order of any court of competent jurisdiction. All material submitted with the proposal becomes the property of the Pennsylvania Turnpike Commission and may be returned only at the Commission’s option. Proposals submitted to the Commission may be reviewed and evaluated by any person other than competing Proposers at the discretion of the Commission. The Commission has the right to use any or all ideas presented in any proposal. Selection or rejection of the proposal does not affect this right.

In accordance with the Pennsylvania Right-to-Know Law (RTKL), 65 P.S. § 67.707 (Production of Certain Records), Proposers shall identify any and all portions of their Proposal that contains confidential proprietary information or is protected by a trade secret. Proposals shall include a written statement signed by a representative of the company/firm identifying the specific portion(s) of the Proposal that contains the trade secret or confidential proprietary information.

Proposers should note that “trade secrets” and “confidential proprietary information” are exempt from access under Section 708(b)(11) of the RTKL. Section 102 defines both “trade secrets” and “confidential proprietary information” as follows:

Confidential proprietary information: Commercial or financial information received by an agency: (1) which is privileged or confidential; and (2) the disclosure of which would cause substantial harm to the competitive position of the person that submitted the information.
Trade secret: Information, including a formula, drawing, pattern, compilation, including a customer list, program, device, method, technique or process that: (1) derives independent economic value, actual or potential, from not being generally known to and not being readily ascertainable by proper means by other persons who can obtain economic value from its disclosure or use; and (2) is the subject of efforts that are reasonable under the circumstances to maintain its secrecy. The term includes data processing software by an agency under a licensing agreement prohibiting secrecy disclosure.

65 P.S. §67.102 (emphasis added).

The Office of Open Records has determined that a third party must establish a trade secret based upon factors established by the appellate courts, which include the following:
- the extent to which the information is known outside of his business;
- the extent to which the information is known by employees and others in the business;
- the extent of measures taken to guard the secrecy of the information;
- the value of the information to his business and to competitors;
- the amount of effort or money expended in developing the information; and
- the ease of difficulty with which the information could be properly acquired or duplicated by others.


The Office of Open Records also notes that with regard to “confidential proprietary information the standard is equally high and may only be established when the party asserting protection shows that the information at issue is either ‘commercial’ or ‘financial’ and is privileged or confidential, and the disclosure would cause substantial competitive harm.” (emphasis in original).

For more information regarding the RTKL, visit the Office of Open Records’ website at www.openrecords.state.pa.us.

I-18. Debriefing Conferences. Proposers whose proposals are not selected will be notified of the name of the selected Proposer and given the opportunity to be debriefed, at the Proposer’s request. The Issuing Office will schedule the time and location of the debriefing. The Proposer will not be compared with other Proposers, other than the position of its proposal in relation to all other proposals.

I-19. News Releases. News releases pertaining to this project will not be made without prior Commission approval, and then only in coordination with the Issuing Office.

I-20. Commission Participation. Unless specifically noted in this section, Proposers must provide all services to complete the identified work. The contractor will be responsible to provide all the labor, tools, parts, installation supplies, installation equipment, including trucks and vans, test equipment and instrumentation, office supplies and generally any materials that are required to perform the services requested through the term of this contract. The Commission will not provide any physical storage space, office space or any office services to the contractor. The Commission will not supply any parts, equipment, tools or materials for this contract except the GAI-Tronics radio hardware, fiber drivers for the GAI-Tronics system and the wall mount telephone hardware.

I-21. Cost Submittal. The cost submittal shall be placed in a separately sealed envelope within the sealed proposal and kept separate from the technical submittal. Failure to meet this requirement may result in disqualification of the proposal.
I-22. **Term of Contract.** The term of the contract will commence on the Effective Date (as defined below) and will end 90 days from the date the contractor is given access to the site to begin installation of the infrastructure cabling. The Commission shall fix the Effective Date after the contract has been fully executed by the Contractor and by the Commission and all approvals required by Commission contracting procedures have been obtained.

I-23. **Proposer’s Representations and Authorizations.** Each Proposer by submitting its proposal understands, represents, and acknowledges that:

a. All information provided by, and representations made by, the Proposer in the proposal are material and important and will be relied upon by the Issuing Office in awarding the contract(s). Any misstatement, omission or misrepresentation shall be treated as fraudulent concealment from the Issuing Office of the true facts relating to the submission of this proposal. A misrepresentation shall be punishable under 18 Pa. C.S. 4904.

b. The price(s) and amount of this proposal have been arrived at independently and without consultation, communication or agreement with any other Proposer potential Proposer.

c. Neither the price(s) nor the amount of the proposal, and neither the approximate price(s) nor the approximate amount of this proposal, have been disclosed to any other firm or person who is a Proposer or potential Proposer, and they will not be disclosed on or before the proposal submission deadline specified in the cover letter to this RFP.

d. No attempt has been made or will be made to induce any firm or person to refrain from submitting a proposal on this contract, or to submit a proposal higher than this proposal, or to submit any intentionally high or noncompetitive proposal or other form of complementary proposal.

e. The proposal is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive proposal.

f. To the best knowledge of the person signing the proposal for the Proposer, the Proposer, its affiliates, subsidiaries, officers, directors, and employees are not currently under investigation by any governmental agency and have not in the last four (4) years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding or proposing on any public contract, except as disclosed by the Proposer in its proposal.

g. To the best of the knowledge of the person signing the proposal for the Proposer and except as otherwise disclosed by the Proposer in its proposal, the Proposer has no outstanding, delinquent obligations to the Commonwealth including, but not limited to, any state tax liability not being contested on appeal or other obligation of the Proposer that is owed to the Commonwealth.

h. The Proposer is not currently under suspension or debarment by the Commonwealth, or any other state, or the federal government, and if the Proposer cannot certify, then it shall
submit along with the proposal a written explanation of why such certification cannot be made.

i. The Proposer has not, under separate contract with the Issuing Office, made any recommendations to the Issuing Office concerning the need for the services described in the proposal or the specifications for the services described in the proposal.

j. Each Proposer, by submitting its proposal, authorizes all Commonwealth agencies to release to the Commission information related to liabilities to the Commonwealth including, but not limited to, taxes, unemployment compensation, and workers’ compensation liabilities.

I-24. Prevailing Wage Rates. The Provisions of the Pennsylvania Prevailing Wage Act of August 15, 1961, P.L. 987 as amended, together with the rates and regulations promulgated by the Secretary of Labor and Industry, will apply to this project. The work is located in Bedford County. Refer to the attached “Prevailing Wages Project Rates” document (Appendix A) for specific wage levels as determined by the Department of Labor and Industry.

I-25. Performance/Payment Bond. When awarded the contract, prior to the execution of said contract, the selected contractor must furnish a Performance Bond, with sufficient surety or sureties, in an amount equal to 100% of the contract price. Have the bond specify that the contracted work will be completed in a manner satisfactory to the Commission. Have the bond state that the Commission is not liable for any expenses incurred through the failure to complete the work as specified, nor liable for any damages growing out of the carelessness of the Contractor, the Contractor's employees, or subcontractors. Have a corporate surety, legally authorized to transact business in the State and satisfactory to the Commission, execute the bond. The bond should be made payable to the Pennsylvania Turnpike Commission. If the Commission decides the bond surety is unsatisfactory, promptly furnish any additional required security to protect the Commission's interests and the interests of all persons, firms, or corporations who/which have furnished material, provided equipment on rental, or supplied/performed labor or services on, or in connection with, the performance of the work for this contract. Have participants in a joint venture submit a single Performance Bond, each signed by both the joint participants and by their surety. These bonds are to cover their joint and individual liability. The cost of the bond(s) shall be the responsibility of the contractor.

I-26. Insurance. (a) General. Do not commence work under the contract until all insurance, and insurers, under this section have been obtained and approved by the Commission. Before or at the execution of a Contract, provide the Commission with certificates of insurance evidencing the coverage required. Have all primary and excess liability policies contain the following clause: "Thirty (30) days written notice of any cancellation, non-renewal, limit or coverage reduction is to be sent to the Commission by Certified Mail."

The preceding is subject to existing Commonwealth of Pennsylvania statutory cancellation provisions relating to non-payment of premium and misrepresentation by the insured. Maintain the insurance described herein until the work is completed and a Final Certificate of Completion has been issued. All insurance policies must be written by an Insurance Company licensed and authorized to do business in Pennsylvania and acceptable to the Commission. Have all insurance policies and certificates signed by a resident Pennsylvania Agent of the issuing Company. However, in the case of an eligible surplus lines insurer, have all policies and certificates also signed by a party duly authorized to bind, on behalf of the eligible surplus lines insurer, the certified coverage’s.
(b) **Worker's Compensation and Employer's Liability Insurance.** Take out, pay for and maintain during the life of the contract, Worker's Compensation Insurance in statutory required limits for the protection of all employees. Provide, pay for and maintain during the life of the contract, Employer's Liability Insurance in limits of not less than $500,000 bodily injury each accident, $500,000 bodily injury by disease, and $500,000 bodily injury by disease each employee.

(c) **Commercial General Liability Insurance.** Includes: Products/Completed Operations; Blanket Contractual Liability - All Written & Oral Contracts; premises and operations liability; explosion, collapse and underground; personal injury; independent contractors; broad form property damage; severability of interests provisions; personal injury and advertising liability; premises medical payments; host liquor liability; fire damage legal liability - real property; incidental malpractice (including employees); non-owned watercraft; and automatic coverage for newly acquired entities. The minimum required limits for the Commercial General Liability policy will be as follows:

- $2,000,000 Each Occurrence
- $2,000,000 Advertising and Personal Injury Limit
- $2,000,000 General Aggregate per Location/Per Site
- $2,000,000 Products and Completed Operations Aggregate
- $50,000 Fire Damage Legal, Any One Fire
- $5,000 Medical Payments

(d) **Commercial Automobile Liability Insurance** - covering all owned hired, leased and non-owned vehicles with a minimum limit of liability of $1,000,000 per occurrence.

(e) **Commercial Umbrella/Excess Insurance** - with the following minimum limits:

- $5,000,000 Per Occurrence
- $5,000,000 General Aggregate
- $5,000,000 Products/Completed Operations Aggregate

(f) The Commercial General Liability and Automobile Liability policies will name the Pennsylvania Turnpike Commission, the Commonwealth of Pennsylvania, Pennsylvania Department of Transportation, Michael Baker, Jr., Inc., the Design Engineer and the Construction Manager, if any, as an Additional Insured.

(g) **Special Hazards.** Requirements concerning Railroad Protective Insurance, Modification of Blasting Insurance Requirements and Insurance for other special hazards will, if required, be included in the Special Provisions.

(h) **Proof of Insurance.** Before commencing work, furnish to the Commission three original certificates of insurance outlining the coverage’s detailed above. The certificate will also indicate the Additional Insured status of the Commission and the appropriate cancellation/non-renewal notice wording. The insurance company certificates will be in standard ACORD form and will contain the address and phone number of the insurance company or insurance agent. If appropriate, the Commission reserves the right to request certified copies of the contractor's insurance coverage’s.

(i) **Payment.** Incidental to the project.
PART II

INFORMATION REQUIRED FROM PROPOSERS

Proposals must be submitted in the format, including heading descriptions, outlined below. To be considered, the proposal must respond to all requirements in this part of the RFP. Any other information thought to be relevant, but not applicable to the enumerated categories, should be provided as an appendix to the proposal. Each proposal shall consist of two (2) separately sealed submittals. The submittals are as follows: (i) Technical Submittal, in response to Part II-1 through II-7 hereof; (ii) Cost Submittal, in response to Part II-8 hereof.

The Commission reserves the right to request additional information which, in the Commission’s opinion, is necessary to assure that the Proposer’s competence, number of qualified employees, business organization, and financial resources are adequate to perform according to the RFP.

The Commission may make such investigations as deemed necessary to determine the ability of the Proposer to perform the work, and the Proposer shall furnish to the Issuing Office all such information and data for this purpose as requested by the Commission. The Commission reserves the right to reject any proposal if the evidence submitted by, or investigation of, such Proposer fails to satisfy the Commission that such Proposer is properly qualified to carry out the obligations of the agreement and to complete the work specified.

II-1. Statement of the Problem. State in succinct terms your understanding of the problem presented or the service required by this RFP.

II-2. Management Summary. Include a narrative description of the proposed effort and a list of the items to be delivered or services to be provided.

II-3. Work Plan. Describe in narrative form your technical plan for accomplishing the work. Use the task descriptions in Part IV of this RFP as your reference point. Modifications of the task descriptions are permitted; however, reasons for changes should be fully explained. Indicate the number/type of technicians/personnel and person hours allocated to each task. Include a detailed comprehensive project schedule or similar type display, time related, showing each event anticipated by the Proposer.

II-4. Prior Experience. Include experience in infrastructure cabling for both copper and fiber installation. The Proposer should indicate any experience they may have in the installation of radio communication systems, intercoms and speakers. Experience shown should be work done by individuals who will be assigned to this project as well as that of your company. Projects referred to should be identified and the name of the customer shown, including the name, address, and telephone number of the responsible official of the customer, company, or agency who may be contacted.

II-5. Personnel. Include the number and names where practicable of qualified personnel for all tasks required to complete the project with the following compliance. To be considered for this project the Proposer must identify the Project Manager that will be assigned to this project in your response and provide that individual’s resume identifying their background, experience and education. All other personnel that the Proposer intends to utilize during the project should be identified in the proposal by providing a resume of the personnel’s background, experience and education. The Proposer must indicate the intended types of work to which the individual would be assigned. The Proposer must be
able to assign technicians that have experience in troubleshooting, installing, terminating and testing all types of fiber, copper and coaxial cables. The Proposer must provide proof that assigned personnel are current in training. The Proposer must demonstrate that they have the necessary resources available in personnel, experience and equipment to perform more advanced types of fiber cable installations such as the components and skills required to successfully splice fiber, mechanical or fusion. For work distribution of employees, the Commission would expect a Project Manager on site during the initial start of the project, as requested/required during the installation and during the GAI-Tronics communication system initialization/certification process. The Project Manager must be available during the term of the installation and participate in the walk through at the end of the project. The Project Manager will be the point of contact between the Commission’s Project Manager and all of the Proposer’s personnel. The Project manager will manage all facets of the project ensuring that the installation meets all specifications set forth in this RFP. A senior technician with no less than 2 years field experience in all facets pertaining to this project should be on site with any junior level personnel at all times to participate and oversee all operations throughout the term of the project. The successful Proposer should have at least 1 staff member that has a RCDD certification rating and at least 1 staff member that is a certified CAD operator available to the Commission throughout the term of the project. Identify all subcontractors you intend to use and the services they will perform.

II-6. Training. Not applicable for this project.

II-7. DBE/MBE/WBE Participation. The Turnpike Commission is committed to the inclusion of disadvantaged, minority, and woman firms in contracting opportunities. Responding firms shall clearly identify DBE/MBE/WBE firms, expected to participate in this contract, in their Proposal. Proposed DBE/MBE/WBE firms must be certified by the Pennsylvania Department of General Services (www.dgs.state.pa.us) or the Pennsylvania Unified Certification Program (www.paucp.com) at the time of the submission of the proposal. While D/M/WBE participation is not a requirement for this RFP, inclusion of D/M/WBEs will be a factor in the evaluation determination. If further information is desired concerning DBE/MBE/WBE participation, direct inquiries to the Pennsylvania Turnpike Commission’s Contract Administration Department by calling (717) 939-9551 Ext. 4241.

II-8. Cost Submittal. The information requested in this section shall constitute your cost submittal. The Cost Submittal shall be placed in a separate sealed envelope within the sealed proposal, separate from the technical submittal.

Proposers should not include any assumptions in their cost submittals. If the proposer includes assumptions in its cost submittal, the Issuing Office may reject the proposal.

The total cost you are proposing must be broken down but not limited to the following components:

a. Direct Labor Costs. Itemize to show the following for each category of personnel with a different rate per hour:

(1) Category: e.g., Senior Technician, Junior Technician, Electrician, Project Manager, RCDD, AutoCad Operator, etc.

(2) Estimated hours per task by personnel category.

(3) Rate per hour by task and personnel category.
(4) Total cost for each category by task and for all direct labor costs.

(5) Estimated number of employees that will be assigned per task by personnel category

b. Labor Overhead. Specify what is included and rate used. If there is no labor overhead rate in your proposal, so state.

c. Travel and Subsistence. Itemize transportation, lodging and meals per diem costs separately. Each category should be listed as a separate line item. Show estimated hours spent in travel by personnel category and the associated cost of those hours. Show the estimated number of days and number of personnel that you estimate will be included in costs for lodging. Show the estimated number of days and number of personnel that will be included in costs for meals. Travel and subsistence costs must conform to the requirements of the most current version of the Commission’s Travel Guidelines, (attached).

d. Consultant Costs. Itemize as in (a) above. If there are no consultant costs in your proposal, so state.

e. Subcontract Costs. Itemize as in (a) above. If there are no subcontract costs in your proposal, so state.

f. Cost of Supplies and Materials. Itemize each as a separate line item, provide unit cost and extended price. In addition, provide a separate line item for total cost of materials by task, e.g., Total cost of data/voice cable and components; Total cost of GAI-Tronics copper cable and components, Total cost of fiber cable and components, etc.

g. Other Direct Costs. Itemize. If there are no other direct costs in your proposal, so state.

h. General Overhead Costs. Specify what is included and rate used. If there are no general overhead costs in your proposal, so state.

i. Fee or Profit.

j. Separate line item totals as completely installed for sub-categories under Part IV Work Statement Section IV-4. Tasks., e.g., Section, A. 1., A. 2., etc., Section B. 1., Section C. 1., Section D., Section E., Section F. 1., etc.

k. Total Cost. Provide a separate line item for total material cost, for total labor cost and for total project cost.

Any costs not provided in the cost proposal will be assumed as no charge to the Commission.
The selected Proposer shall only perform work on this contract after the Effective Date is affixed and the fully-executed contract sent to the selected Proposer. The Commission shall issue a written Notice to Proceed to the selected Proposer authorizing the work to begin on a date which is on or after the Effective Date. The selected Proposer shall not start the performance of any work prior to the date set forth in the Notice to Proceed and the Commission shall not be liable to pay the selected Proposer for any service or work performed or expenses incurred before the date set forth in the Notice to Proceed. No Commission employee has the authority to verbally direct the commencement of any work under this Contract.
III-1. Mandatory Responsiveness Requirements. To be eligible for selection, a proposal should be (a) timely received from a Proposer; (b) properly signed by the Proposer; and (c) formatted such that all cost data is kept separate from and not included in the Technical Submittal.

III-2. Proposals will be reviewed and evaluated by a committee of qualified personnel selected by the Commission. This committee will recommend for selection the proposal that most closely meets the requirements of the RFP and satisfies Commission needs. Award will only be made to a Proposer determined to be responsive and responsible in accordance with Commonwealth Management Directive 215.9, Contractor Responsibility Program.

III-3. The following criteria will be used, in order of relative importance from the highest to the lowest, in evaluating each proposal:

   a. Understanding the Problem. This refers to the Proposer’s understanding of the Commission needs that generated the RFP, of the Commission’s objectives in asking for the services or undertaking the study, and of the nature and scope of the work involved.

   b. Proposer Qualifications. This refers to the ability of the Proposer to meet the terms of the RFP, especially the time constraint and the quality, relevancy, and recency of studies and projects completed by the Proposer. This also includes the Proposer’s financial ability to undertake a project of this size.

   c. Personnel Qualifications. This refers to the competence of professional personnel who would be assigned to the job by the Proposer. Qualifications of professional personnel will be measured by experience and education, with particular reference to experience on studies/services similar to that described in the RFP. Particular emphasis is placed on the qualifications of the project manager.

   d. Soundness of Approach. Emphasis here is on the techniques for sequence and relationships of major steps and methods for managing the project. Of equal importance is whether the technical approach is completely responsive to all written specifications and requirements contained in the RFP and if it appears to meet Commission objectives.

   e. Flexibility. This refers to the Proposer’s capability to meet scheduling constraints and work effectively. Of equal importance is the ability of the Proposer to have a flexible schedule and willingness to redirect staff allocation due to unanticipated complications so as not to burden the Commission with additional costs to complete the project.

   f. Available Facilities. This refers to the Proposer’s capability to securely warehouse and transport equipment, hardware and/or materials associated with this project like GAI-Tronics Tele-panels on skids or wall mount telephone hardware if space would not be available in a Commission Facility.
g. **Cost.** While this area may be weighted heavily, it will not normally be the deciding factor in the selection process. The Commission reserves the right to select a proposal based upon all the factors listed above, and will not necessarily choose the firm offering the best price. The Commission will select the firm with the proposal that best meets its needs, at the sole discretion of the Commission.

h. **DBE/MBE/WBE Participation.** This refers to the inclusion of D/M/WBE firms, as described in Part II-7, and the extent to which they are expected to participate in this contract. Participation will be measured in terms of total dollars committed to certified D/M/WBE firms.
PART IV

WORK STATEMENT

IV-1. Objectives.

a. General. The Commission is building a new Everett Fares Warehouse/Office building on the existing Everett Maintenance campus site. This facility will require connection to the Commission’s network.

b. Specific. The objective of this RFP is to secure a qualified cabling contractor to install the infrastructure necessary to support the network services required for the Everett Fares Warehouse/Office building. The new facility will require campus connectivity to the Commission’s existing Fares/PSP building and to the Miller Building on campus. This bid will provide the cabling necessary to support data/voice workstation network connectivity, GAI-Tronics cabling infrastructure, radio hardware installation/certification and inter-campus building backbone cable. The Contractor will work within the schedule that the General Contractor dictates at all times during the project. Access to the site might occur as early as July 2010. The successful contractor will be notified of schedule provisions as construction proceeds at the site. The Proposer should state any site requirements they require in their RFP, e.g., if utilizing a trailer indicate the size and the anticipated site storage needs, etc. The Contractor will provide and be responsible for the security of their equipment and all materials required to complete the objectives of this RFP throughout the duration of this project. The Commission will not sustain any expense for lost, stolen or damaged equipment/materials.

IV-2. Nature and Scope of the Project. This project will be located at mile marker 154.42 WB along the Turnpike main line. The cabling infrastructure that will be installed includes copper cable for workstation, voice and GAI-Tronics radio connectivity as well as single mode fiber for campus building connections. The contractor will also be responsible for the installation of all GAI-Tronics hardware, GAI-Tronics system fiber drivers, wall mount telephones and their associated hardware. The contractor may be responsible for some minor electrical work.

IV-3. Requirements.

1. Codes, Ordinances and Regulations. All cabling and materials included in this specification shall be installed and maintained in accordance with prevailing codes, ordinances and regulations and meet or exceed guidelines sponsored or endorsed by the National Fire Protection Agency (NFPA) and the National Electrical Code (NEC). The cable shall meet all requirements stated in this specification. The fiber cabling shall consist of cable, system components and connecting hardware manufactured by Corning Cable Systems to obtain an EWP warranty. The copper data/voice cabling must consist of copper cable manufactured by BerkTek and system components and connecting hardware manufactured by Ortronics and/or BerkTek to obtain a NetClearGT3 warranty. If this document and any of the documents listed below are in conflict, then the more stringent requirement shall apply. All documents listed are believed to be the most current releases of the documents. The Contractor has the responsibility to determine and adhere to the most recent release when developing the proposal for installation. Specifically, the structured cabling system shall be in strict accordance with and reflect the latest codes, standards, regulations and ordinances in effect at the time the PO is issued for all cabling types, but not limited to, the following. This document does not replace any code, either partially or wholly. The contractor must be aware of local codes that may impact this project.
National Electrical Code® (NEC)® Section 770 and 800.
Non-Plenum Applications - Applicable Flame Tests: UL 1666. Cables shall be listed OFNR (OFCR)
Plenum Applications - Applicable Flame Test: NFPA 262. Cables shall be listed OFNP (OFCP)
Finished cables shall conform to the applicable performance of the Insulated Cable Engineers
Association, Inc. (ICEA) Standard for Fiber Optic Premises Distribution Cable (ICEA S-83-596-2001)
The cable shall meet the requirements of ANSI/ICEA Standard for Fiber Optic Outside Plant
Communications Cable, ANSI/ICEA S-87-640-2006
The cable should be in accordance with EIA/TIA-598 Optical Fiber Cable Color Coding
The cable shall meet the requirements of ANSI/ICEA Standard for Fiber Optic Indoor/Outdoor Communications Cable, ANSI/ICEA S-104-696-2001
The cable shall meet the requirements of ANSI/ICEA Standard for Fiber Optic Inside Communications Cable, ANSI/ICEA S-83-596-2001
The optical fiber shall be a matched-clad design manufactured by the outside vapor deposition process
Electronic Industries Association (EIA) Publications 455 series of Standard Test
Procedures for Fiber Optic Fibers, Cables, Transducers, Connecting and Terminating Devices
EIA/TIA-455-61-A (FOTP-61) Measurement of Fiber or Cable Attenuation
EIA/TIA-455-171-A Attenuation by Substitution Measurement – for Short Length Multi-mode Graded Index and Single Mode Optical Fibers Cable Assemblies
EIA/TIA-526-14 Optical Power Loss Measurement of Installed Multi-mode Fiber Cable Plant
EIA/TIA-455-60-A Measurements of Fiber Optic Cable Length Using an OTDR
Nationally Recognized Testing Laboratory (NRTL) 11
ANSI/TIA/EIA -568-B.2-1, Commercial Building Telecommunications Cabling Standard Part 2: Balanced Twisted Pair Cabling Components, Addendum 1 – Transmission Performance Specifications for 4-pair 100 Ω Category 6 Cabling
ANSI/TIA/EIA – 569-B, Commercial Building Standard for Telecommunications Pathways and Spaces, October, 2004
ANSI/TIA/EIA – 570-B, Residential Telecommunications Cabling Standard, April, 2004
ANSI/TIA/EIA – 607-A, Commercial Building Grounding and Bonding Requirements for Telecommunications, October, 2002
BICSI - TDMM, Building Industries Consulting Services International, Telecommunications Distribution Methods Manual (TDMM)
National Fire Protection Agency (NFPA – 70), National Electrical Code (NEC) –2005
FCC 47 CFR 68
NEMA 250

2. General Provisions. The Proposer must provide all the labor, parts, installation equipment,
test equipment/instrumentation and materials necessary to meet the objectives of this Proposal. The
installation of all cabling systems must be done in a workman like fashion, resulting in a quality
installation for the Commission. Any work judged not acceptable by the Commission must be redone at
no charge to the Commission. The Proposer must ensure that all fiber cable is installed with proper “strain relief” by installing/utilizing Corning Universal Clamps. All copper cable for data/voice must be appropriately installed to provide the necessary “strain relief, bend radius and cable routing” for proper installation of high performance cross connect products, meeting all specifications of ANSI/TIA/EIA-568-B. All GAI-Tronics copper cable and connecting hardware cabling must be installed as to provide the necessary “strain relief” as determined by the GAI-Tronics Corporation and the chosen cable Manufacturer’s installation specifications. Any fiber splicing must be “fusion splicing” and the Proposer must provide a list of any proposed fiber splices for the project along with the reason for the intended splice. All support structures must meet Commission standards. No cable is to be left exposed. All cable is to be in conduit, on ladder rack/cable tray, or correctly suspended in J hooks above a drop ceiling, following standards for each cable type. All drops should be tied with fabric cable ties, i.e. Velcro. No plastic tie wraps should be used. All fiber inserts must follow the standard color code for Corning Fiber installation. All cables must be permanently labeled on both ends of each cable. Cable To/From direction must be clearly indicated on the panels. All cabling labels must follow the Commission’s standards. Any penetrations made or entered by said contractor must be fire stopped according to EIA/TIA standards and local building codes. All grounding, electrical receptacles and rack power strip hardware and the installation of those electrical systems must comply with or exceed the standards set forth in the National Electrical Code (NEC), the National Fire Protection Agency (NFPA) and any local ordinances/building codes. Any electrical tasks must be installed by a qualified electrician.

3. Proposer’s Certifications, Credentials and Requirements. The Proposer, must have the following resources, certifications/credentials and experience before submitting a proposal. Proof verifying the certifications/credentials, experience and resources must be provided at the time the proposal is submitted. The Proposer must be a Corning Cable Systems LANscape® Solutions Extended WarrantySM Program (EWP) Member and must provide written warranty certification and evidence of current EWP program membership. The Proposer must offer a twenty-five (25) year extended warranty for the premises/campus fiber cabling solution comprised of covered Corning Cable Systems products. The Proposer must follow all warranty registration procedures set forth by Corning Cable Systems, including submitting all required materials to Corning Cable Systems for warranty certification. The Proposer must have an RCDD on staff that will be available to the Commission throughout the contract term. The Proposer must be a Certified Installer Plus, NetClear® Warranty installer and provide evidence of program standing. The Proposer must offer a NetClear® 25-year System Warranty on the copper, premise/campus structured cabling system, comprised of BerkTek/Ortronics’ products and must follow all warranty registration procedures set forth for installations for a NetClear® System Cabling System. The Proposer must have an AutoCAD operator on staff that will be available during the course of the project. The Proposer must have a qualified Project Manager on staff, assigned and available to be on site as required for the term of the project to handle all aspects of the requirements set forth in this RFP. The Proposer must be able to provide any electrical requirement solutions utilizing appropriately certified personnel for each task, throughout the project duration, (i.e.: rack receptacles, grounding, etc.).

4. Cable and Components Systems. The contractor shall warrant that all materials and equipment furnished under the contract are in good working order, free from defects, and in conformance with system specifications. Any equipment or materials supplied by the contractor for the project that become damaged, found to be faulty, or that do not meet the specifications set forth in this RFP must be replaced to the PTC’s satisfaction at no additional cost to the Commission. All installed equipment must conform to the manufacturer’s official published specifications. The contractor shall agree to repair, adjust, and/or replace, (as determined by the Purchaser to be in its best interest), any damaged or defective equipment, materials, or other parts of the system at the contractor’s sole cost. The Purchaser will incur no costs for service or replacement of parts. All third party warranties shall be
passed through from contractor to Purchaser. The contractor shall warrant and supply evidence that the installation of materials and hardware will be made in strict compliance with all applicable provisions of the National Electric Code®, the rules and regulations of the Federal Communications Commission, and state and/or local codes or ordinances that may apply. The contractor shall warrant that the system will function as specified in the approved manufacturer’s Technical Description Guide. The contractor shall warrant that the system shall accommodate traffic at the levels specified in all appropriate sections of this proposal. All materials used for the copper cable installation/termination of workstation/voice drops must meet all requirements, specifications and performance standards as to provide a 25 year NetClear GT3 Manufacturer’s warranty for the site. All workstation/voice drops will be 110 terminations to the building server room patch panels. All materials used for the fiber installations must meet all requirements, specifications and performance standards as to provide a 25 year EWP Manufacturer’s warranty for the campus. All materials used for the copper cable installation of the radio system must meet the specifications set forth by the GAI-Tronics Corporation for the hardware that will be installed throughout the campus. All parts should be designed for high density to conserve space in the housing(s)/panel(s) and electronics racks. Data/Voice jacks will all be the same color matching the wall plate color. The contractor will follow all GAI-Tronics manufacturer installation procedures as detailed in the Installation and Maintenance Manual. The contractor will follow all installation procedures from the manufacturer for the chosen copper cable that is used for GAI-Tronics system installation. The contractor will schedule the initialization and certification of all GAI-Tronics installed equipment directly with the GAI-Tronics Corporation representative.

5. Testing and Certification of Cabling. All fiber cables, components and systems must be tested and certified to meet all warranty conditions. All copper cable, components and systems for data/voice must be tested and certified to meet all warranty conditions. All copper cable, components and systems for GAI-Tronics systems must be tested and certified to meet the GAI-Tronics Corporation and the chosen manufacturer of the cable performance and specification requirements. All testing and certification of cabling will be the responsibility of the contractor. All test results for each type of cable must be documented providing the results by cable label as installed. Tests must be conducted with FLUKE/MICROTEST devices. Test documentation must be provided in the form of electronic media, (CD) and paper, from the cable tester(s) selected by the contractor and approved by the Commission. The contractor will submit one paper copy and 3 separate CD copies, of all cable test results for each type of cable. The CD’s and each paper copy should be clearly labeled as follows:

- LANMark 2000 Copper Cable Test Results
- Corning 24 Strand Single Mode Fiber Test Results
- GAI-Tronics Copper Cable Test Results

6. Final Fiber System Test - All backbone and horizontal cabling, which is terminated by the contractor, shall be tested to applicable EIA/TIA Standards.

a. The insertion loss for each mated fiber optic connector pair shall be 0.75 dB. Reflectance for single-mode single fiber UPC cable assemblies shall be -55 dB. Mated connector pair loss testing shall be based on one unidirectional OTDR inspection in accordance with the OTDR operating manual for systems greater than 300 meters.

b. In addition to connector insertion loss for each mated pair, the contractor shall perform end-to-end insertion loss testing for each single-mode fiber at 1310 nm and 1550 nm from one direction for each terminated fiber span in accordance with TIA/EIA-526-7 (OFSTP 7). For spans greater than 90 meters, each tested span must test to a value less than or equal to the value determined by calculating a link loss budget. For horizontal spans less than or equal to 90 meters, each tested span must be < 2.0 dB.
c. Inspect each terminated single-mode fiber span for continuity and anomalies with an OTDR at 1550 nm from one direction in accordance with OTDR operating manual for systems greater than 100 meters.
d. The attenuation loss of any fusion splice must be less than .1 dB

7. Final Copper System Test for Workstation Data/Voice cabling – Category 6 Performance - All twisted-pair copper cable links shall be tested for continuity, pair reversals, shorts, opens and performance as indicated below. Additional testing is required to verify Category performance.
a. Follow the standards requirements established in ANSI/TIA/EIA-568-B .1, B.2 and B.2-1
b. Use a Level III test unit to verify category 6 performance.
c. Minimal Tests:
   1. Wire Map
   2. Length
   3. Attenuation
   4. NEXT (Near end crosstalk)
   5. Return Loss
   6. ELFEXT Loss
   7. Propagation Delay
   8. Delay skew
   9. PSNEXT (Power sum near-end crosstalk loss)
10. PSELFEXT (Power sum equal level far-end crosstalk loss)

8. Access. The contractor may be given access to the construction site in July, 2010. The specific dates will be determined after the contract is awarded and issued. The contractor must be able to proceed immediately with installation tasks based on that permission to proceed date. The intention of the Commission is to have all the infrastructure cabling identified in this RFP completed by July 31, 2010. The contractor will coordinate their activities with the construction project manager on site to ensure there are no conflicts between installation tasks and construction project objectives. The contractor must be willing/able to comply with any time constraints/schedules that the General Contractor for the site may impose. The contractor must be flexible in their ability to start initiation of work based on the construction schedule progression. The contractor must be able to redirect their staff to other projects should delays arise due to building construction schedules, unforeseen complications, imperfect conditions that must be corrected before work may proceed, inclement weather conditions, etc., at no additional cost to the Commission.

9. Accuracy. The contractor will be totally responsible for accurately determining the amount of inter-building fiber required including all service slack necessary to completely satisfy the requirements of this RFP prior to submitting a proposal. The contractor will be totally responsible for accurately determining the total amount of copper cable for both the data/voice and GAI-Tronics installations including any service slack required prior to submitting a proposal. The Contractor will be responsible for all parts utilized for the RFP including part numbers and counts necessary to completely satisfy this RFP. If the Proposer determines there should be modifications/additions to the part specifications in order to satisfy the RFP objectives they should so state and provide alternatives and/or additional solutions in their response. See attached drawings and supporting documentation to determine requirements.
10. Final Acceptance Tasks.

a. A walkthrough of the entire project with the Contractor’s Project Manager and Commission staff will be scheduled at the end of the installation after all testing and certification of the infrastructure cabling system is completed, to identify any outstanding tasks or issues that might need to be addressed to finalize the project. A list will be developed from this walk through and provided to the Contractor.

b. The Commission will turn up electronic systems at all building locations in this phase and run data loads from the site to the Central Administration Building to determine if the system accommodates the traffic levels as set forth in the proposal and as required to provide warranties for the site. The successful performance of the cabling system for a two week period will constitute acceptance of the system.

c. All outstanding tasks identified during the review period must be addressed and resolved to the Commission’s satisfaction before the contract may be closed out.

IV-4. Tasks. The contractor shall perform the following tasks to provide an infrastructure for the Everett Fares Warehouse/Office communications and campus network requirements. A spreadsheet, (Appendix B), “Everett Fares Warehouse Drops By Location and Type” listing the Everett Fares Warehouse/Office and Campus drops by room and/or building location and the designated drop definition is attached. The sheet is organized by the assigned room number and/or building as indicated on the site drawings, (Appendix D). The contractor should use the site, architectural, electrical and communication system drawings, (Appendix D), to determine footage, locations of campus buildings and to verify cabling requirements. The contractor should use the “Everett Fares Warehouse/Office Part Specifications”, (Appendix E), spreadsheet to determine part requirements and installation locations for the campus. The contractor should refer to the “Everett Fares Warehouse Server Room Layout” Visio drawing, (Appendix F), for the general IDF configuration and electrical provisions. Exact rack placement and actual electrical tasks associated with the server room will be finalized during an initial site walk through at the beginning of the installation phase. The contractor should use the Radio/Intercom System Expansion Everett Riser Wiring Diagram, (Appendix C), to determine the GAITronics installation requirements for the Everett Fares Warehouse/Office building.

A. Racks, Housings, Panels, Cable Management, Electrical

1. Server Room 106 - Everett Warehouse/Office Building

a. Install two 7 foot standing racks in the server room for the fiber housing, patch panel, electronic network equipment. Exact location will be field verified. Electronics will be installed by others.

b. Install a cable chase on either side of each of the 7 foot standing rack(s) installed in task “a.” in a manner that all of the racks installed in the above tasks are connected together by the cable chase. Secure the cable chase to the racks.

c. Secure all installed racks at the top and the bottom. The method of securing racks and chases must be identified and will be approved by the Commission’s Project Manager prior to installation.

d. Ground each rack as appropriate to meet NEC standards or above.

e. Install an electrical strip, on the back of the 7 foot standing rack designated for electronics, in a manner that will not impede the loading/installation of panels, electronic equipment and miscellaneous hardware in to the center compartment area of the rack.

f. Install 1 quad electrical box with 4 receptacles, at the bottom of the 7 foot standing rack designated for electronics, in a manner that will not impede the loading/installation of panels, electronic equipment and miscellaneous hardware in to the center compartment area of the rack. The box must have a cable long enough to plug in to the twist lock receptacle located above the rack.

g. Install a 1 U cable management above and below each housing and patch panel that will be installed in the 7 foot standing rack allocated for fiber housing and patch panel installation.

h. Install a PCH-04U fiber housing at the top of the rack that will be used for fiber housing and
patch panels, immediately below the first 1 U cable management installed in task “g.”.
i. Install the high density CAT 6 patch panels between cable management installed in task “g.”, in the 7 foot standing rack allocated for fiber housing and patch panel installation to accommodate CAT 6e data/voice cable terminations.
j. Provide eight, 1 U cable management for the electronics rack. Cable management for the electronics rack will be installed by others.
k. The additional cable management, electrical strips, etc. may be used for a miscellaneous equipment rack if required. This would be determined during the initial walk through of the site prior to the beginning of the cable installation. The additional rack would be supplied by others but installed by the contractor.

2. Everett Fares/PSP Building
a. Install a PWH-02P wall mount housing on the board by the existing GAI-Tronics Control Panel. Location for mounting the housing on the board will be field verified.

3. Everett Campus Miller Building
a. The contractor will utilize an existing PCH-04U housing for the campus fiber termination in this building. The housing is located at the top of the Ortronics 7 foot standing electronics rack.

B. Copper Cable Data/Voice – all data/voice cable will be installed to either a rough-in wall box on a wall or to a floor box, Wiremold RFB6-OG, (or equivalent). Each rough-in wall box/floor box has a one inch conduit with a pull string to above the drop ceiling for cable installation. All data/voice cable will be pulled through the 1 inch conduit to the corridor cable tray and in to Server Room 106 for termination on patch panels. Contractor will be responsible for bundling and securing all cabling in a manner that clarifies system groupings and properly supports suspended cabling according to the latest standards and the manufacturer’s recommended installation procedures. Use the Appendix B spreadsheet “Everett Fares Warehouse Drops By Location and Type” and the Appendix D drawings to verify the locations of boxes. The total number of data/voice cables for the Everett Fares Warehouse/Office building will be 253.

1. Workstation Cable for Data/Voice and Phone Hardware
a. The contractor will install 4, LANMark 2000 CAT 6e cables from each data/voice box indicated on the drawings, to Server Room 106 in the Everett Fares Warehouse/Office Building.
b. The contractor will install 1, LANMark 2000 CAT 6e cable from each of the vestibule and wall mount phone rough in boxes to Server Room 106 in the Everett Fares Warehouse/Office.
c. The contractor will install a wall plate that holds a single jack and 1 jack each for the vestibule drops.
d. The contractor will install a wall plate and 4 jacks for all other data/voice drops where the cable will be terminated in a “wall” rough in box as indicated on the drawings.
e. If the cable is terminated in a Wiremold RFB6-OG, (or equivalent), floor box, the contractor will install 4 inserts and 4 jacks in each box.
f. All labels should follow PTC standards.
g. Patch panels should be clearly permanently labeled.
h. Cables should be clearly permanently labeled on each end of each cable.
i. Jacks should be clearly permanently labeled.
j. Each cable will be terminated back to a CAT6 patch panel located in the rack allocated for panels, in Server Room 106 of the Everett Fares Warehouse/Office Building.
k. Each cable and components will be end to end tested and certified to GT3 standards.
l. The contractor must provide enough service loop for each cable, to accommodate moving any
patch panel or the patch panel rack to any other area within Server Room 106 without having to re-
cable.

m. The contractor will install all wall mounted phone hardware at the locations designated on the
drawings. The Turnpike will provide the phone and mounting hardware for installation.

C. Copper Cable, Fiber Cable and Radio Hardware for the GAI-Tronics Communication System

1. General Requirements - Everett Fares Warehouse/Office Building and Everett Fares/PSP
   Building - GAI-Tronics Cable and Radio Equipment
   The GAI-Tronics installation is comprised of a variety of units. The contractor should refer to the drawings for clarification of unit type and location within the facility. The control panel is located in the Everett Fares/PSP Building communication room on the west wall mounted on a plywood board. The contractor should refer to Appendix C, GAI-Tronics Radio/Intercom System Expansion Everett Riser Wiring Diagram for the system layout that was developed by the GAI-Tronics Corporation specifically for this site. Speaker units will be flush mount, a box speaker or a bullhorn speaker. Intercom units will be offset on a wall over a rough in box or will be a desk unit. The desk unit is similar to a standard phone which plugs into a GAI-Tronics box. The GAI-
   Tronics box is approximately 8 inches W x 8 inches L x 5 inches D and includes two (2), 11-point
termination strips. The cable that attaches to the GAI-Tronics desk unit is a pre-manufactured cable with
   a 22 pin connector to plug in to the GAI-Tronics box. The desk unit is connected to the other end of the
cable and the connection is pre-soldered. That cable is 8 feet long. The GAI-Tronics box for the desk top
unit will mount over top of a wall rough in box.

2. Fiber Drivers and Fiber Cables – GAI-Tronics
   a. The contractor will install a 24 strand fiber cable from the Everett Fares Warehouse/Office Server
      Room 106 through a 4 inch conduit in to the Everett Fares/PSP Building Communication Room
      for GAI-Tronics connectivity to the Control Panel. (NOTE: This fiber will continue on to the Everett
      Campus Miller Building for network connectivity after dropping off 12 strands in the
      Communication Room housing).
   b. The contractor should install a 30 foot service loop in all manholes for this fiber run between the
      Everett Fares Warehouse/Office Building and the Everett Fares/PSP Building.
   c. The contractor should install a 50 foot fiber service loop in Server Room 106 to accommodate moving
      the fiber housing to any location within that room without re-cabling or extending the fiber cable.
   d. The contractor should allow enough fiber service loop in the Everett Fares/PSP Communication
      Room to accommodate moving the fiber housing to any location within that room without re-cabling or
      extending the fiber cable.
   e. The contractor will install/terminate the 24 strand fiber cable in to the PCH-04U fiber housing that
      was mounted in the housing/patch panel rack in Server Room 106 in the Everett Fares
      Warehouse/Office Building. The contractor should install the CCH-CP24-A9 connector panel in to this
      housing to terminate the fiber on this side.
   f. The contractor should terminate all 24 strands of fiber in the PCH-04U housing in the Server Room
      106 location.
   g. The contractor will continue the install of the 24 strand fiber cable in to the PWH-02P wall mount
      housing that was installed in the Everett Fares/PSP Communication Room. The contractor should install
      a CCH-CP12-A9 connector panel in to the wall unit to terminate the fiber on this side.
   h. The contractor will drop off/terminate 12 strands of the 24 strand fiber cable in the Communication
      Room location.
   i. The contractor will install a fiber driver, supplied by the PTC, in Server Room 106 at a location that
      will be field verified.
   j. The contractor will install a fiber driver, supplied by the PTC, at a location that will be field verified,
The contractor will provide and install the fiber patch cables for the fiber drivers on each end of the connection. The fiber driver installation, initialization, connectivity and performance level must be verified/certified to follow all installation procedures and requirements as specified by the GAI-Tronic Corporation representative.

3. Copper Cable and GAI-Tronics Radio Hardware
a. The contractor will install a separate home run cable from each GAI-Tronics unit to Server Room 106 in the Everett Fares Warehouse/Office Building. Installation shall follow procedures in the GAI-Tronics Installation and Maintenance Manual. Refer to Appendix E, “Everett Fares Warehouse/Office Part Specifications” spreadsheet, for the type of cable to be used for GAI-Tronics equipment.
b. The contractor will terminate the GAI-Tronics copper cable to the fiber driver installed in the Everett Fares Warehouse/Office Server Room 106.
c. The contractor will terminate from the control panel to the fiber driver installed in the Everett Fares/PSP Communication Room.
d. All copper GAI-Tronics cables must be permanently labeled on each end to PTC standards.
e. All fiber driver terminations must comply with the GAI-Tronics Installation and Maintenance Manual.
f. All fiber driver terminations must be permanently labeled to PTC standards.
g. Each cable must be end to end tested to comply with the chosen cable manufacturer’s specifications and the GAI-Tronics Corporation installed requirements/standards.
h. All labeling in the Everett Fares/PSP Communication Room GAI-Tronics Control panel must comply with PTC standards.
i. All labels must follow through end to end between buildings for each GAI-Tronics installed device.
j. The contractor will install wall mount intercom units at the locations designated in the drawings to GAI-Tronics Corporation specifications.
k. The contractor will install flush mount ceiling speakers, bull horn speakers and volume control at the locations designated in the drawings, to GAI-Tronics Corporation specifications.
l. The contractor will install GAI-Tronics desk unit cabling to rough in boxes at the locations designated in the drawings following GAI-Tronics specifications.
m. The contractor will contact the GAI-Tronics Corporation directly to set a date to initialize/certify the GAI-Tronics installation. The contractor must notify the Turnpike’s GAI-Tronics Coordinator at least three weeks in advance of the scheduled review date.
n. The contractor will not initialize any GAI-Tronic units until the GAI-Tronics representative is present on site and at that time authorizes initialization during the formally scheduled initialization/certification testing date.
o. The contractor will work with GAI-Tronics to remedy any issues that arise through the initialization/certification process.
p. At the time of certification representatives from/for the PTC will also be present and must agree that the system is working to their satisfaction before the system is accepted. Each representative will have to sign the “Acceptance Sign Off For GAI-Tronics Certification” for the system to be considered acceptable by the Commission.

D. HIRSCH System Cable
a. The contractor will install one blank and jack inside the HIRSCH control panel in the Everett Fares Warehouse/Office Server Room 106. The location of the control panel in the Server Room will be field verified.
b. The contractor will install/terminate one LANMark 2000 cable from the HIRSCH control panel jack to port 47, on the first CAT 6 patch panel from the top of the rack, in the Server Room rack allocated for housing and panel installation.
c. The cable should be clearly permanently labeled on both ends of the cable.
d. The label on the jack should follow PTC standard labels.
e. The label on the cable should follow PTC standard labels.
f. The label on the patch panel should be marked as HIRSCH.
g. The cable must be tested and certified.
h. The contractor must notify the Turnpike’s project manager when the Hirsch cabling is complete so testing can be scheduled for HIRSCH system connectivity and certification.

E. HVAC System Cable

a. The contractor will install one blank and jack inside the HVAC control panel.
b. The contractor will install one LANMark 2000 cable from the HVAC control panel jack to port 48 on the first CAT 6 patch panel from the top of the rack, in the Server Room rack allocated for housing and panel installation.
c. The cable should be clearly permanently labeled on both ends of the cable.
d. The label on the jack should follow PTC standard labels.
e. The label on the cable should follow PTC standard labels.
f. The label on the patch panel port should be HVAC.
g. The cable must be tested and certified.
h. The contractor must notify the Turnpike’s project manager when the HVAC cabling is complete so testing can be scheduled for HVAC system connectivity and certification.

F. Campus Site Fiber Cable

1. From Everett Fares Warehouse/Office Building to Everett Maintenance Miller Building electronics rack.
a. The contractor should continue the 24 strand fiber cable installation that was run from the Everett Fares Warehouse/Office Server Room 106 to the Everett Fares/PSP Communication Room for the GAI-Tronics hardware connectivity.
b. The contractor will continue the 24 strand fiber cable installation from the Communication Room out through the east wall conduits that run to the Everett Maintenance Building. They will enter Maintenance through the external 4 inch conduit and box that stubs up on the west wall of the Maintenance cage area of the garage bay.
c. There is conduit in the Maintenance Building that runs the length of that facility west to east and penetrates down to the basement. The contractor will continue the installation of the 24 strand fiber cable through that conduit run in to the Maintenance Building basement to exit through the basement wall.
d. The contractor will exit the basement of the Maintenance Building through the box/conduit on the east wall of that room.
e. The contractor will continue the fiber pull in an external 4 inch conduit to the Miller Building located on the east end of the Everett Campus compound.
f. The contractor will install/terminate the final 12 strand of the 24 strand single mode fiber cable in the existing PCH-04U housing located in the Miller Building Ortronics 7 foot standing rack designated for fiber and electronics.
g. The contractor should install 30 feet of slack in each manhole throughout the cable run from the Everett Fares/PSP Building to the Everett Maintenance Miller Building.
h. The contractor will install 50 foot of slack on the Miller Building side of the cable run inside the building. The location where the slack will be mounted will be field verified.
i. The contractor will install one CCH-CP12-A9 Connector Panel in the PCH-04U housing and install/terminate the fiber in this housing.
j. The contractor will end to end test and certify the fiber cable and components.
k. The contractor will clearly permanently mark From/To Locations on both ends at the Fiber Housing Connector Panels.
l. The contractor will clearly mark fiber strand count and type of fiber on both ends of the Fiber Housing Connector Panels and on the fiber cable.

IV-5. Reports and Project Control.

a. Task Plan. A work plan for each task that identifies the work elements of each task, the resources assigned to the task, and the time allotted to each element and the deliverable items to be produced.
b. Status Report. A weekly progress report covering activities, problems, and recommendations; the report should be keyed to the work plan developed by the Proposer in its proposal, as amended or approved by the Commission.
c. Problem Identification Report. An “as required” report, identifying problem areas. The report should describe the problem and its impact on the overall project and on each affected task. It should list possible courses of action with advantages and disadvantages of each, and include Contractor recommendations with supporting rationale.
d. Final Report(s). The final submission will consist of the following documentation that must be delivered and reviewed by the Commission’s Project Manager prior to the closing of the contract.

1. As-Built Documentation must be provided in both VISIO 2003 and CAD format. If existing as-built campus documentation exists, the as-built must incorporate the current campus drawings into the new documentation, to provide a comprehensive overall site view as well as the individual new building drawings.
2. Data/Voice Copper Cable Test Results – see IV-3 Requirements. 5. Testing and Certification of Cabling, for format and media requirements.
3. GAI-Tronics Copper Cable Test Results - see IV-3 Requirements. 5. Testing and Certification of Cabling, for format and media requirements.
4. Fiber Cable Test Results - see IV-3 Requirements. 5. Testing and Certification of Cabling, for format and media requirements.
5. NetClearGT3 Warranty Certificate
6. Corning EWP Warranty Certificate
7. Acceptance Sign Off For GAI-Tronics Certification Form

IV-6. Pre-bid Campus Review. The Everett Fares Warehouse/Office building is not constructed at this time. However, if any Proposer intends to go to the Everett campus to obtain measurements for their bid they must wear a hard hat, reflective vest and appropriate footwear at all times while they are on site. Each representative must be able to provide proof of their identity and employee affiliation with their company if requested. The Proposer must contact Stephanie Bentley, (717) 645-2235, at least 2 days prior to the date they plan to visit and provide a list of personnel that will be reviewing the site, so notification can be provided to Everett Maintenance personnel of their intended arrival.
Subject: Travel Guidelines 2005

To: All Consultants

From: George Hatalowich
Pennsylvania Turnpike Commission
Manager, Contract Administration

The travel guidelines below should be followed when traveling on PTC business. These guidelines are effective February 1, 2005, for any Commission consultant contract (agreement or supplemental agreement).

1. General Guidelines
   a. Maximums established are not flat allowances. Only amounts actually expended may be claimed, if less than the maximum.
   b. All claims for reimbursement are subject to Commission audit. Valid itemized receipts are required for all claims and must include: name and address of vendor, date of service, itemized description of service(s), amount(s).
   c. A summary listing of expenditures from a credit card company is not a substitute for itemized receipts.

2. Transportation
   a. All modes of transportation are authorized consistent with and appropriate to the requirements of the assignment.
   b. Travel by company or personal vehicle will be reimbursed at the current IRS-approved mileage rate. The current rate is $0.405 per mile.
   c. Rental cars are permissible and will be paid at the rental cost or at the IRS-approved mileage rate whichever is less. If the rental car rate is higher than the mileage rate, it will still be paid if the rental car was the reasonable means of transportation at the time and location.

3. Lodging and Meals
   a. Reimbursements will be in accordance with the current federal government General Services Administration's (GSA) Continental United States (CONUS) per diem rates (attached).
   b. If traveling to areas not included in the CONUS Pennsylvania listing, the "Standard Rate" will apply, which is currently $60 Lodging and $31 per day for meals. The Commission will advise of applicable CONUS rate changes.
   c. Meals are reimbursable only when on overnight travel status.
   d. Overnight travel that is not part of a full 24-hour period will be divided into 6-hour periods for reimbursement allowances:
      
      | Time Range          | Max. Daily Allowance |
      |---------------------|----------------------|
      | 0 to less than 6 hrs| 25% max. daily allowance |
      | 6 to less than 12 hrs| 50% max. daily allowance |
      | 12 to less than 18 hrs| 75% max. daily allowance |
      | 18 to 24 hrs        | 100% max. daily allowance |
### CONUS Subsistence Allowances County and/or Other Defined Location

<table>
<thead>
<tr>
<th>Constellation Location</th>
<th>Lodging Amount</th>
<th>Meal Allowance</th>
<th>25% Partial Allowance</th>
<th>50% Partial Allowance</th>
<th>75% Partial Allowance</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONUS Cities</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONUS, Standard Rate</td>
<td>See Note 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$60.00</td>
<td>$31.00</td>
<td>$7.75</td>
<td>$15.50</td>
<td>$23.25</td>
</tr>
</tbody>
</table>

**Note 1:** The CONUS standard rate applies to all locations within CONUS not specifically listed below or encompassed by the boundary definition (Note 2) of a listed location.

**Note 2:** Unless otherwise specified, the per diem locality is defined as "all locations within, or entirely surrounded by, the corporate limits of the key city, including independent entities located within those boundaries." Per diem localities with county definitions shall include "all locations within, or entirely surrounded by, the corporate limits of the key city as well as the boundaries of the listed counties, including independent entities located within the boundaries of the key city and the listed counties.

### Pennsylvania

<table>
<thead>
<tr>
<th>Constellation Location</th>
<th>Lodging Amount</th>
<th>Meal Allowance</th>
<th>25% Partial Allowance</th>
<th>50% Partial Allowance</th>
<th>75% Partial Allowance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allentown/Easton/Bethlehem</td>
<td>Lehigh and Northampton</td>
<td>73.00</td>
<td>35.00</td>
<td>8.75</td>
<td>17.50</td>
</tr>
<tr>
<td>Chester/Radnor/Essington</td>
<td>Delaware</td>
<td>75.00</td>
<td>39.00</td>
<td>9.75</td>
<td>19.50</td>
</tr>
<tr>
<td>Erie</td>
<td>Erie</td>
<td>75.00</td>
<td>35.00</td>
<td>8.75</td>
<td>17.50</td>
</tr>
<tr>
<td>Gettysburg (4/1-10/31)</td>
<td>Adams</td>
<td>94.00</td>
<td>39.00</td>
<td>9.75</td>
<td>19.50</td>
</tr>
<tr>
<td>Gettysburg (11/1-3/31)</td>
<td>Adams</td>
<td>68.00</td>
<td>39.00</td>
<td>9.75</td>
<td>19.50</td>
</tr>
<tr>
<td>Harrisburg</td>
<td>Dauphin (except Hershey)</td>
<td>81.00</td>
<td>47.00</td>
<td>11.75</td>
<td>23.50</td>
</tr>
<tr>
<td>Hershey (5/1-8/31)</td>
<td>City Limits of Hershey</td>
<td>150.00</td>
<td>43.00</td>
<td>10.75</td>
<td>21.50</td>
</tr>
<tr>
<td>Hershey (9/1-4/30)</td>
<td>City Limits of Hershey</td>
<td>99.00</td>
<td>43.00</td>
<td>10.75</td>
<td>21.50</td>
</tr>
<tr>
<td>King of Prussia/Ft. Washington/Warminster</td>
<td>Montgomery and Bucks</td>
<td>106.00</td>
<td>47.00</td>
<td>11.75</td>
<td>23.50</td>
</tr>
<tr>
<td>Lancaster</td>
<td>Lancaster</td>
<td>82.00</td>
<td>43.00</td>
<td>10.75</td>
<td>21.50</td>
</tr>
<tr>
<td>Malvern/Frazer/Exton</td>
<td>Chester</td>
<td>103.00</td>
<td>43.00</td>
<td>10.75</td>
<td>21.150</td>
</tr>
<tr>
<td>Mechanicsburg</td>
<td>Cumberland</td>
<td>78.00</td>
<td>35.00</td>
<td>8.75</td>
<td>17.50</td>
</tr>
<tr>
<td>Philadelphia</td>
<td>Philadelphia</td>
<td>116.00</td>
<td>51.00</td>
<td>12.75</td>
<td>25.50</td>
</tr>
<tr>
<td>Pittsburgh</td>
<td>Allegheny</td>
<td>85.00</td>
<td>47.00</td>
<td>11.75</td>
<td>23.50</td>
</tr>
<tr>
<td>Reading</td>
<td>Berks</td>
<td>85.00</td>
<td>43.00</td>
<td>10.75</td>
<td>21.50</td>
</tr>
<tr>
<td>Scranton</td>
<td>Lackawanna</td>
<td>70.00</td>
<td>35.00</td>
<td>8.75</td>
<td>17.50</td>
</tr>
<tr>
<td>State College</td>
<td>Centre</td>
<td>76.00</td>
<td>31.00</td>
<td>7.75</td>
<td>15.50</td>
</tr>
</tbody>
</table>
### APPENDIX A

**Project Name:**

**Awarding Agency:**

**Contract Award Date:**

**Serial Number:**

**Project Classification:**

**Determination Date:**

**Assigned Field Office:**

**Field Office Phone Number:**

**Toll Free Phone Number:**

---

**Bedford County**

<table>
<thead>
<tr>
<th>Contractor Craft</th>
<th>Hourly Rate</th>
<th>Fringe Benefits</th>
<th>Total</th>
<th>Effective Date</th>
<th>Expiration Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asbestos &amp; Insulation Workers</td>
<td>$30.82</td>
<td>$19.19</td>
<td>$50.01</td>
<td>08/01/2009</td>
<td></td>
</tr>
<tr>
<td>Boilermakers</td>
<td>$33.90</td>
<td>$20.06</td>
<td>$53.96</td>
<td>06/01/2008</td>
<td></td>
</tr>
<tr>
<td>Bricklayer</td>
<td>$25.31</td>
<td>$13.54</td>
<td>$38.85</td>
<td>06/01/2009</td>
<td></td>
</tr>
<tr>
<td>Bricklayer</td>
<td>$25.61</td>
<td>$14.19</td>
<td>$39.80</td>
<td>12/01/2009</td>
<td></td>
</tr>
<tr>
<td>Carpenters</td>
<td>$24.79</td>
<td>$9.68</td>
<td>$34.47</td>
<td>06/09/2009</td>
<td></td>
</tr>
<tr>
<td>Carpenters</td>
<td>$25.33</td>
<td>$10.14</td>
<td>$35.47</td>
<td>06/01/2010</td>
<td></td>
</tr>
<tr>
<td>Carpenters</td>
<td>$25.85</td>
<td>$10.61</td>
<td>$36.46</td>
<td>06/01/2011</td>
<td></td>
</tr>
<tr>
<td>Cement Masons</td>
<td>$23.65</td>
<td>$11.54</td>
<td>$35.19</td>
<td>06/01/2009</td>
<td></td>
</tr>
<tr>
<td>Cement Masons</td>
<td>$24.60</td>
<td>$11.99</td>
<td>$36.59</td>
<td>06/01/2010</td>
<td></td>
</tr>
<tr>
<td>Dock Builder/Pile Drivers</td>
<td>$28.85</td>
<td>$12.00</td>
<td>$40.85</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Dock Builder/Pile Drivers</td>
<td>$29.95</td>
<td>$12.25</td>
<td>$42.20</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td><strong>Drywall Finishes</strong></td>
<td>$24.45</td>
<td>$13.59</td>
<td>$38.04</td>
<td>06/01/2009</td>
<td></td>
</tr>
<tr>
<td>Drywall Finisher</td>
<td>$26.03</td>
<td>$13.26</td>
<td>$39.29</td>
<td>06/01/2010</td>
<td></td>
</tr>
<tr>
<td>Drywall Finisher</td>
<td>$27.28</td>
<td>$13.26</td>
<td>$40.54</td>
<td>06/01/2011</td>
<td></td>
</tr>
<tr>
<td>Electric Lineman</td>
<td>$39.54</td>
<td>$16.03</td>
<td>$55.57</td>
<td>05/31/2009</td>
<td></td>
</tr>
<tr>
<td>Electricians &amp; Telecommunications</td>
<td>$33.11</td>
<td>$17.13</td>
<td>$50.24</td>
<td></td>
<td>12/26/2008</td>
</tr>
<tr>
<td>Installation Technician</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electricians &amp; Telecommunications</td>
<td>$35.61</td>
<td>$17.13</td>
<td>$52.74</td>
<td></td>
<td>12/25/2009</td>
</tr>
<tr>
<td>Installation Technician</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electricians &amp; Telecommunications</td>
<td>$38.01</td>
<td>$17.13</td>
<td>$55.14</td>
<td></td>
<td>12/24/2010</td>
</tr>
<tr>
<td>Installation Technician</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elevator Constructor</td>
<td>$39.88</td>
<td>$20.23</td>
<td>$60.11</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Glazier</td>
<td>$20.20</td>
<td>$14.00</td>
<td>$34.20</td>
<td>09/01/2009</td>
<td></td>
</tr>
<tr>
<td>Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)</td>
<td>$26.08</td>
<td>$13.12</td>
<td>$39.20</td>
<td>05/01/2009</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 01 - See notes)</td>
<td>$18.05</td>
<td>$9.19</td>
<td>$27.24</td>
<td>07/01/2009</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 01 - See notes)</td>
<td>$18.55</td>
<td>$9.74</td>
<td>$28.29</td>
<td>07/01/2010</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 02 - See notes)</td>
<td>$18.20</td>
<td>$9.19</td>
<td>$27.39</td>
<td>07/01/2009</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 02 - See notes)</td>
<td>$18.70</td>
<td>$9.74</td>
<td>$28.44</td>
<td>07/01/2010</td>
<td></td>
</tr>
<tr>
<td>Class</td>
<td>Rate</td>
<td>Fringe Benefits</td>
<td>Total</td>
<td>Date</td>
<td></td>
</tr>
<tr>
<td>------------------------------</td>
<td>----------</td>
<td>-----------------</td>
<td>----------</td>
<td>------------</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 03 - See notes)</td>
<td>$18.30</td>
<td>$9.19</td>
<td>$27.49</td>
<td>07/01/2009</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 03 - See notes)</td>
<td>$18.80</td>
<td>$9.74</td>
<td>$28.54</td>
<td>07/01/2010</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 04 - See notes)</td>
<td>$17.05</td>
<td>$9.19</td>
<td>$26.24</td>
<td>07/01/2009</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 04 - See notes)</td>
<td>$17.55</td>
<td>$9.74</td>
<td>$27.29</td>
<td>07/01/2010</td>
<td></td>
</tr>
<tr>
<td>Landscape Laborer</td>
<td>$18.25</td>
<td>$9.05</td>
<td>$27.30</td>
<td>07/01/2009</td>
<td></td>
</tr>
<tr>
<td>Landscape Laborer (Skilled)</td>
<td>$18.67</td>
<td>$9.05</td>
<td>$27.72</td>
<td>07/01/2009</td>
<td></td>
</tr>
<tr>
<td>Landscape Laborer (Tractor Operator)</td>
<td>$18.97</td>
<td>$9.05</td>
<td>$28.02</td>
<td>07/01/2009</td>
<td></td>
</tr>
<tr>
<td>Marble Finisher</td>
<td>$19.17</td>
<td>$10.55</td>
<td>$29.72</td>
<td>06/01/2009</td>
<td></td>
</tr>
<tr>
<td>Marble Finisher</td>
<td>$19.32</td>
<td>$11.05</td>
<td>$30.37</td>
<td>12/01/2009</td>
<td></td>
</tr>
<tr>
<td>Marble Mason</td>
<td>$19.42</td>
<td>$8.48</td>
<td>$27.90</td>
<td>06/01/2009</td>
<td></td>
</tr>
<tr>
<td>Marble Mason</td>
<td>$19.42</td>
<td>$8.91</td>
<td>$28.33</td>
<td>12/01/2009</td>
<td></td>
</tr>
<tr>
<td>Millwright</td>
<td>$32.71</td>
<td>$14.29</td>
<td>$47.00</td>
<td>06/01/2008</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 01 - see notes)</td>
<td>$25.47</td>
<td>$12.63</td>
<td>$38.10</td>
<td>07/01/2009</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 01 - see notes)</td>
<td>$26.37</td>
<td>$13.13</td>
<td>$39.50</td>
<td>07/01/2010</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 02 -see notes)</td>
<td>$22.79</td>
<td>$12.63</td>
<td>$35.42</td>
<td>07/01/2009</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 02 -see notes)</td>
<td>$23.69</td>
<td>$13.13</td>
<td>$36.82</td>
<td>07/01/2010</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 03 - see notes)</td>
<td>$21.24</td>
<td>$12.63</td>
<td>$33.87</td>
<td>07/01/2009</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 03 - see notes)</td>
<td>$22.14</td>
<td>$13.13</td>
<td>$35.27</td>
<td>07/01/2010</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 04 - Chief of Party (Surveying and Layout))</td>
<td>$20.84</td>
<td>$12.63</td>
<td>$33.47</td>
<td>07/01/2009</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 04 - Chief of Party (Surveying and Layout))</td>
<td>$21.74</td>
<td>$13.13</td>
<td>$34.87</td>
<td>07/01/2010</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 04 - Instrument Person (Surveying &amp; Layout))</td>
<td>$19.84</td>
<td>$12.63</td>
<td>$32.47</td>
<td>07/01/2009</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 04 - Instrument Person (Surveying &amp; Layout))</td>
<td>$20.74</td>
<td>$13.13</td>
<td>$33.87</td>
<td>07/01/2010</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 04 - Rodman/Chairman (Surveying and Layout))</td>
<td>$19.39</td>
<td>$12.63</td>
<td>$32.02</td>
<td>07/01/2009</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 04 - Rodman/Chairman (Surveying and Layout))</td>
<td>$20.29</td>
<td>$13.13</td>
<td>$33.42</td>
<td>07/01/2010</td>
<td></td>
</tr>
<tr>
<td>Painters Class 6 (see notes)</td>
<td>$24.77</td>
<td>$12.81</td>
<td>$37.58</td>
<td>06/01/2009</td>
<td></td>
</tr>
<tr>
<td>Painters Class 6 (see notes)</td>
<td>$25.28</td>
<td>$13.53</td>
<td>$38.81</td>
<td>06/01/2010</td>
<td></td>
</tr>
<tr>
<td>Pile Driver Divers (Building, Heavy, Highway)</td>
<td>$43.28</td>
<td>$12.00</td>
<td>$55.28</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Pile Driver Divers (Building, Heavy, Highway)</td>
<td>$44.39</td>
<td>$12.25</td>
<td>$56.64</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Plasterers</td>
<td>$20.97</td>
<td>$9.64</td>
<td>$30.61</td>
<td>06/01/2008</td>
<td></td>
</tr>
<tr>
<td>Plumbers and Steamfitters</td>
<td>$28.54</td>
<td>$18.48</td>
<td>$47.02</td>
<td>06/01/2009</td>
<td></td>
</tr>
<tr>
<td>Plumbers and Steamfitters</td>
<td>$30.14</td>
<td>$18.83</td>
<td>$48.97</td>
<td>06/01/2010</td>
<td></td>
</tr>
<tr>
<td>Plumbers and Steamfitters</td>
<td>$31.81</td>
<td>$19.18</td>
<td>$50.99</td>
<td>06/01/2011</td>
<td></td>
</tr>
<tr>
<td>Pointers, Caulkers, Cleaners</td>
<td>$25.88</td>
<td>$13.33</td>
<td>$39.21</td>
<td>07/01/2009</td>
<td></td>
</tr>
<tr>
<td>Pointers, Caulkers, Cleaners</td>
<td>$25.98</td>
<td>$13.83</td>
<td>$39.81</td>
<td>12/01/2009</td>
<td></td>
</tr>
<tr>
<td>Roofers</td>
<td>$26.00</td>
<td>$11.69</td>
<td>$37.69</td>
<td>06/01/2009</td>
<td></td>
</tr>
<tr>
<td>Roofers</td>
<td>$27.50</td>
<td>$11.69</td>
<td>$39.19</td>
<td>06/01/2010</td>
<td></td>
</tr>
<tr>
<td>Sheet Metal Workers</td>
<td>$29.56</td>
<td>$29.12</td>
<td>$58.68</td>
<td>06/01/2009</td>
<td></td>
</tr>
<tr>
<td>Sign Makers and Hangars</td>
<td>$24.17</td>
<td>$15.99</td>
<td>$40.16</td>
<td>07/01/2009</td>
<td></td>
</tr>
</tbody>
</table>
### (Heavy/Highway)  
**BEDFORD COUNTY**

<table>
<thead>
<tr>
<th>Contractor Craft</th>
<th>Hourly Rate</th>
<th>Fringe Benefits</th>
<th>Total</th>
<th>Effective Date</th>
<th>Expiration Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carpenter Welder</td>
<td>$27.99</td>
<td>$12.16</td>
<td>$40.15</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Carpenter Welder</td>
<td>$28.94</td>
<td>$12.56</td>
<td>$41.50</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Carpenters</td>
<td>$27.26</td>
<td>$12.16</td>
<td>$39.44</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Carpenters</td>
<td>$28.32</td>
<td>$12.56</td>
<td>$40.79</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Cement Finishers</td>
<td>$26.72</td>
<td>$12.97</td>
<td>$39.69</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Cement Finishers</td>
<td>$27.62</td>
<td>$13.42</td>
<td>$41.04</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 01 - See notes)</td>
<td>$23.20</td>
<td>$12.65</td>
<td>$35.85</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 01 - See notes)</td>
<td>$23.65</td>
<td>$13.55</td>
<td>$37.20</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 02 - See notes)</td>
<td>$23.36</td>
<td>$12.65</td>
<td>$36.01</td>
<td>01/01/2000</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 02 - See notes)</td>
<td>$23.81</td>
<td>$13.55</td>
<td>$37.36</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 03 - See notes)</td>
<td>$23.85</td>
<td>$12.65</td>
<td>$36.50</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 03 - See notes)</td>
<td>$24.50</td>
<td>$13.55</td>
<td>$37.85</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 04 - See notes)</td>
<td>$24.30</td>
<td>$17.65</td>
<td>$41.95</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 04 - See notes)</td>
<td>$24.75</td>
<td>$13.55</td>
<td>$38.30</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 05 - See notes)</td>
<td>$24.71</td>
<td>$17.65</td>
<td>$37.36</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 05 - See notes)</td>
<td>$25.16</td>
<td>$13.55</td>
<td>$38.71</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 06 - See notes)</td>
<td>$21.55</td>
<td>$12.65</td>
<td>$34.20</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 06 - See notes)</td>
<td>$22.00</td>
<td>$13.55</td>
<td>$35.55</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Class</td>
<td>Hourly Rate</td>
<td>Weekly Rate</td>
<td>Biweekly Rate</td>
<td>Date</td>
<td></td>
</tr>
<tr>
<td>------------------------------</td>
<td>-------------</td>
<td>-------------</td>
<td>---------------</td>
<td>------------</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 07 - See notes)</td>
<td>$24.20</td>
<td>$12.65</td>
<td>$36.85</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 07 - See notes)</td>
<td>$24.65</td>
<td>$13.55</td>
<td>$38.20</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 08 - See notes)</td>
<td>$25.70</td>
<td>$12.65</td>
<td>$38.35</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Laborers (Class 08 - See notes)</td>
<td>$26.15</td>
<td>$13.55</td>
<td>$39.70</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 01 - see notes)</td>
<td>$26.09</td>
<td>$14.44</td>
<td>$40.53</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 01 - see notes)</td>
<td>$26.89</td>
<td>$14.99</td>
<td>$41.88</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 02 - see notes)</td>
<td>$25.81</td>
<td>$14.44</td>
<td>$40.25</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 02 - see notes)</td>
<td>$26.61</td>
<td>$14.99</td>
<td>$41.60</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 03 - See notes)</td>
<td>$22.17</td>
<td>$14.44</td>
<td>$36.61</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 03 - See notes)</td>
<td>$22.97</td>
<td>$14.99</td>
<td>$37.96</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 04 - See notes)</td>
<td>$21.68</td>
<td>$14.44</td>
<td>$36.12</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 04 - See notes)</td>
<td>$22.48</td>
<td>$14.99</td>
<td>$37.47</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 05 - See notes)</td>
<td>$21.47</td>
<td>$14.44</td>
<td>$35.91</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Operators (Class 05 - See notes)</td>
<td>$22.27</td>
<td>$14.99</td>
<td>$37.26</td>
<td>01/01/2010</td>
<td></td>
</tr>
<tr>
<td>Painters Class 1 (see notes)</td>
<td>$27.24</td>
<td>$12.81</td>
<td>$40.05</td>
<td>06/01/2009</td>
<td></td>
</tr>
<tr>
<td>Painters Class 1 (see notes)</td>
<td>$27.84</td>
<td>$13.53</td>
<td>$41.37</td>
<td>06/01/2010</td>
<td></td>
</tr>
<tr>
<td>Painters Class 2 (see notes)</td>
<td>$28.38</td>
<td>$13.53</td>
<td>$41.91</td>
<td>06/01/2010</td>
<td></td>
</tr>
<tr>
<td>Painters Class 3 (see notes)</td>
<td>$29.81</td>
<td>$12.81</td>
<td>$42.62</td>
<td>06/01/2009</td>
<td></td>
</tr>
<tr>
<td>Painters Class 3 (see notes)</td>
<td>$30.48</td>
<td>$13.53</td>
<td>$44.01</td>
<td>06/01/2010</td>
<td></td>
</tr>
<tr>
<td>Painters Class 4 (see notes)</td>
<td>$33.79</td>
<td>$17.61</td>
<td>$36.01</td>
<td>06/01/2009</td>
<td></td>
</tr>
<tr>
<td>Painters Class 4 (see notes)</td>
<td>$24.27</td>
<td>$13.53</td>
<td>$37.80</td>
<td>06/01/2010</td>
<td></td>
</tr>
<tr>
<td>Painters Class 5 (see notes)</td>
<td>$19.29</td>
<td>$12.81</td>
<td>$32.09</td>
<td>06/01/2009</td>
<td></td>
</tr>
<tr>
<td>Painters Class 5 (see notes)</td>
<td>$19.61</td>
<td>$13.53</td>
<td>$33.14</td>
<td>06/01/2010</td>
<td></td>
</tr>
<tr>
<td>Piledrivers</td>
<td>$28.85</td>
<td>$12.00</td>
<td>$40.85</td>
<td>01/01/2009</td>
<td></td>
</tr>
<tr>
<td>Piledrivers</td>
<td>$29.95</td>
<td>$12.25</td>
<td>$42.20</td>
<td>01/01/2010</td>
<td></td>
</tr>
</tbody>
</table>

**Bureau of Labor Law Compliance**

**Labor & Industry Building**

**Room 1301**

**651 Boas Street**

**Harrisburg PA 17121**

**(717)783-0746**

**Email:** L.T. SLMR-LLC
# Appendix B

## Everett Fares Warehouse Drops By Location and Type

<table>
<thead>
<tr>
<th>Office Number/Description</th>
<th>Data and Voice Drops</th>
<th>GAI-Tronics Desk Set Drop</th>
<th>GAI-Tronics Flush Mount Speaker</th>
<th>Volume Control</th>
<th>GAI-Tronics Wall Mount Intercom</th>
<th>GAI-Tronics Bull Horn Speaker</th>
<th>24 Strand Single Mode Fiber</th>
</tr>
</thead>
<tbody>
<tr>
<td>101 (Vestibule)</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>102 (Supply Clerk)</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>103 (Main Warehouse)</td>
<td>8</td>
<td></td>
<td></td>
<td>4</td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>103A (Warehouse)</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>104 (Secure Loading)</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>105 (File Room)</td>
<td>4</td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>106 (Server Room)</td>
<td>25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>107 (Ticket Room)</td>
<td>25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>108 (Electrical Room)</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>109 (Mechanical Room)</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>110 (Field Supervisors)</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>111 (Meeting Room 1)</td>
<td>8</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>112 (Meeting Room 2)</td>
<td>8</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>113 (Construction Inspection)</td>
<td>48</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>114 (Recently Archived Projects)</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Everett Fares Warehouse Drops By Location and Type

<table>
<thead>
<tr>
<th>Office Number/Description</th>
<th>Data and Voice Drops</th>
<th>GAI-Tronics Desk Set Drop</th>
<th>Flush Mount Speaker</th>
<th>Volume Control</th>
<th>GAI-Tronics Wall Mount Intercom</th>
<th>GAI-Tronics Bull Horn Speaker</th>
<th>24 Strand Single Mode Fiber</th>
</tr>
</thead>
<tbody>
<tr>
<td>115 (Field Managers)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>116 (Project Managers)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>117 (Construction Manager)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>118 (Construction Manager)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>119 (CDS Technicians and Sub)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>120 (Vestibule)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>121 (Kitchen/Break Room)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>122 (Janitor)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>123 (Men's Room)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>124 (Women's Room)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>125 (Fare Collection Storage)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>126 (District Manager)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>127 (District Clerks)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C001 (Corridor)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C002 (Corridor)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIRSCH Controller</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HVAC Controller</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSP and Miller Buildings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>253</strong></td>
<td><strong>1</strong></td>
<td><strong>5</strong></td>
<td><strong>3</strong></td>
<td><strong>14</strong></td>
<td><strong>1</strong></td>
<td><strong>1</strong></td>
</tr>
</tbody>
</table>
COMMONWEALTH OF PENNSYLVANIA

APPENDIX D

PENNSYLVANIA TURNPIKE COMMISSION

DRAWINGS FOR

CONTRACT NUMBER T-154.42F003-3-02

FARE COLLECTIONS WAREHOUSE / OFFICE BUILDING

AT THE

EVERETT MAINTENANCE FACILITY

AT MILEPOST 154.42 EASTBOUND

IN

BEDFORD COUNTY, PENNSYLVANIA

SCALE: 1' - 500'

DISTRICT COUNTY TOWNSHIP / BOROUGH SECTION SHEETS

2 REDFORD WEST PENN TOWNSHIP

115

ARCHITECT / ENGINEER

ASTORINO

D.W. LA'SOTA ENGINEERING, INC.

227 Fort Pitt Boulevard

Pittsburgh, PA 15222

(412) 765-1700

901 Sixth Avenue, Suite 100

Patton, PA 16668

(814) 674-2258

PHONE: 724-755-1688

CONTACT PERSON:

PENNSYLVANIA TURNPIKE COMMISSION

233 NORTH CENTER AVENUE

NEW CASTLE, PA 16102

PHONE: 724-755-1688

ATTACHMENT 1 OF 4

DATE: 7-30-2005

PENNSYLVANIA TURNPIKE COMMISSION

COMMISSION APPROVAL

AUG 30 2005
16'-8" CONCRETE DRIVE.

RIGID FRAME COLUMN - TYP.

4" PERFORATED FOUNDATION DRAIN FOR STORM DRAIN CONNECTION LOCATIONS

2000 GAL. RAINWATER HARVESTING TANK No. 2

21" ENLARGED WAREHOUSE FLOOR PLAN

SUPPORT CLERK

MAIN WAREHOUSE

RECEIVING & STAGING AREAS

SECURE LOADING

FILE ROOM

SERVER ROOM

RECEPTION ROOM

ELECTRICAL ROOM

MECHANICAL ROOM

FIELD SUPERVISORS

MEETING ROOM 1

MEETING ROOM 2

CONSTRUCTION INSPECTIONS

RECENTLY ARCHIVED PROJECTS

CONSTRUCTION MANAGER

CDS TECHNICIAN AND SUBMISSIONS

VESTIBULE

KITCHEN / BREAK ROOM

JANITOR

WOMEN

FARE COLLECTION / STORAGE

DISTRICT MANAGER

DISTRICT CLERKS

CORRIDOR

CORRIDOR

BUILDING ROOM NAME LEGEND

SYMBOLS AND KEYS

DOOR TAG

WINDOW TYPE

PARTITION TYPE

COLUMN BUBBLE, NEW WORK

FRAMED PARTITION

MASSIVE PARTITION

SPOT ELEVATION

ALARM EMERGENCY EXIT

CARD ACCESS

CONTROL JOINT

LOWER TYPE

FIRE EXTINGUISHER TYPE A-B-C

FIRE EXTINGUISHER

FIRE EXTINGUISHER, TYPE A-B-C

ROOM TAG

MATCHLINE

1 HOUR RATED PARTITION

GENERAL DRAWING NOTES

SURE-BOARD SHEAR WALL MATERIAL (SERIES 200W AND SERIES 200) TO BE LOCATED ON EXTERIOR AND INTERIOR BEARING WALLS OF CO-FOCUSED FRAMING SYSTEM, DIRECTLY TO THE STUD. (SERIES 200W FOR EXTERIOR BEARING WALLS AND SERIES 200 FOR INTERIOR BEARING WALLS). SURE-BOARD SERIES 200W CAN BE INSTALLED WITH INSULATED SHEATHING OR GYPSUM WALL BOARD OVER THE SURE-BOARD MEDIUM DENSITY FIBERBOARD (MDF). SURE-BOARD ALSO TO TURN THE CORNER OF EXTERIOR BEARING WALLS ONTO NON-BEARING PERPENDICULAR WALLS FOR A MINIMUM DISTANCE OF 8 FT UNLESS INTERRUPTED BY A WINDOW. OR AS REQUIRED BY CO-FOCUSED FRAMING SPECIFICATION.
BUILDING SECTION

CEILING SYSTEM. 1 LAYER 5/8" PROPRIETARY TYPE "X" GYPSUM WALL BOARD ON RESIDENTIAL FURNITURE CHANNELS AT 24" O.C. ON 2 X 4 NON-FRAME CONTINUOUS WOOD BLOCKING - UL# R3001 1 HOUR FIRE RATING - CEILING TYPE 22, DWG. AB10

1. LAYER 5/8" TYPE "X" GYPSUM WALL BOARD ON THE CORRIDOR SIDE OF 6" METAL STUDS. AND 1 LAYER 5/8" SURF-BOARD SERIES 200 TYPE "X" GYPSUM WALL BOARD ON THE CORRIDOR SIDE OF 6" METAL STUDS. - UL# U465 1 HOUR FIRE RATING INSULATED, TYPICAL FOR EACH BEARING WALL - WALL TYPE 6, DWG. AB10. ROOM 114 ONLY

2. MFGR. LISTED DENOTES QUALITY LEVEL ONLY. EQUIVALENT PRODUCTS WILL BE CONSIDERED.

3. STRUCTURAL BEARING WALLS AND ROOF SYSTEM OF COLD-FORMED FRAMING FOR OFFICE AREA TO BE ENGINEERED (AND SEALED) PER PERFORMANCE SPEC. GAUGE, SPACING. ETC. SHOWN MAY VARY BASED ON ENGINEERING WHICH TAKES PRECEDENCE.
<table>
<thead>
<tr>
<th>ROOM NO.</th>
<th>ROOM NAME</th>
<th>FLOOR</th>
<th>BASE</th>
<th>WALL</th>
<th>CASework</th>
<th>CEILING</th>
<th>REMARKS</th>
<th>CEILING HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>Vestibule</td>
<td>RES</td>
<td>P2</td>
<td>P2</td>
<td>RES</td>
<td>CLG 1</td>
<td>NOTE 1, 2</td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>103</td>
<td>Supply Clerk</td>
<td>VIT</td>
<td>P2</td>
<td>P2</td>
<td>P2</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>104</td>
<td>Main Warehouse</td>
<td>CS</td>
<td>P4</td>
<td>P4</td>
<td>P4</td>
<td>PIP</td>
<td></td>
<td>Varies</td>
</tr>
<tr>
<td>105</td>
<td>RECESSING &amp; STACKING AREAS</td>
<td>CS</td>
<td>P4</td>
<td>P4</td>
<td>P4</td>
<td>PIP</td>
<td>CLG 2</td>
<td>10'-0&quot;</td>
</tr>
<tr>
<td>106</td>
<td>Secure Loading</td>
<td>CS</td>
<td>P4</td>
<td>P4</td>
<td>P4</td>
<td>CLG 2</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>107</td>
<td>Walk-Off Matt</td>
<td>CS</td>
<td>P3</td>
<td>P3</td>
<td>P3</td>
<td>CLG 2</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>108</td>
<td>4'x3' Mat</td>
<td>CS</td>
<td>P3</td>
<td>P3</td>
<td>P3</td>
<td>CLG 2</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>109</td>
<td>MECHANICAL ROOM</td>
<td>CS</td>
<td>P3</td>
<td>P3</td>
<td>P3</td>
<td>CLG 2</td>
<td></td>
<td>Varies</td>
</tr>
<tr>
<td>110</td>
<td>Field Supervisors</td>
<td>VIT</td>
<td>P2</td>
<td>P2</td>
<td>P2</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>111</td>
<td>Meeting Room 1</td>
<td>VIT</td>
<td>P1</td>
<td>P1</td>
<td>P1</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>112</td>
<td>Meeting Room 2</td>
<td>VIT</td>
<td>P1</td>
<td>P1</td>
<td>P1</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>113</td>
<td>CONSTRUCTION INSPECTIONS</td>
<td>VIT</td>
<td>P2</td>
<td>P2</td>
<td>P2</td>
<td>CLG 1</td>
<td>NOTE 3 AT EXTERIOR DOOR</td>
<td>Varies</td>
</tr>
<tr>
<td>114</td>
<td>Recently Reassembled Projects</td>
<td>VIT</td>
<td>P2</td>
<td>P2</td>
<td>P2</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>115</td>
<td>Field Managers</td>
<td>VIT</td>
<td>P1</td>
<td>P1</td>
<td>P1</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>116</td>
<td>Project Manager</td>
<td>VIT</td>
<td>P1</td>
<td>P1</td>
<td>P1</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>117</td>
<td>Construction Manager</td>
<td>VIT</td>
<td>P1</td>
<td>P1</td>
<td>P1</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>118</td>
<td>Construction Manager</td>
<td>VIT</td>
<td>P1</td>
<td>P1</td>
<td>P1</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>119</td>
<td>CDS Technician &amp; Submissions</td>
<td>VIT</td>
<td>P1</td>
<td>P1</td>
<td>P1</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>120</td>
<td>Vestibule</td>
<td>RES</td>
<td>P2</td>
<td>P2</td>
<td>P2</td>
<td>CLG 1</td>
<td>NOTE 1, 2</td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>121</td>
<td>Kitchen / Break Room</td>
<td>RES</td>
<td>P2</td>
<td>P2</td>
<td>P2</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>122</td>
<td>Janitor</td>
<td>RES</td>
<td>P3</td>
<td>P3</td>
<td>P3</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>123</td>
<td>Men</td>
<td>RES</td>
<td>P2</td>
<td>P2</td>
<td>P2</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>124</td>
<td>Kitchen</td>
<td>RES</td>
<td>P2</td>
<td>P2</td>
<td>P2</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>125</td>
<td>Fare Collections / Storage</td>
<td>VIT</td>
<td>P3</td>
<td>P3</td>
<td>P3</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>126</td>
<td>District Manager</td>
<td>VIT</td>
<td>P1</td>
<td>P1</td>
<td>P1</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>127</td>
<td>District Clerks</td>
<td>VIT</td>
<td>P2</td>
<td>P2</td>
<td>P2</td>
<td>CLG 1</td>
<td></td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>130</td>
<td>Corridor</td>
<td>RES</td>
<td>P1</td>
<td>P1</td>
<td>P1</td>
<td>CLG 1</td>
<td></td>
<td>8'-0&quot;</td>
</tr>
<tr>
<td>130</td>
<td>Corridor</td>
<td>RES</td>
<td>P1</td>
<td>P1</td>
<td>P1</td>
<td>CLG 1</td>
<td></td>
<td>8'-0&quot;</td>
</tr>
</tbody>
</table>

**NOTE:**
1. HOLD DOWN CLIPS AT CEILING
2. WALK-OFF MATT - SEE SPEC.
3. 4'x3' MAT WITH TAPERED VINYL EDGE

---

**FLOOR:**
- Carpet Tile
- Resinous Flooring (1/8"

**VIT:**
- Vinyl Interlocking Floor Tile
- Concrete Sealer

**BASE:**
- Resinous Integral Cove Base (4"

**VIT:**
- Rubber Base

**WALL:**
- Ceramic Tile Wainscoting

**PT:**
- Paint
  - PT 1
  - PT 2
  - PT 3

**COLORS TO BE SELECTED**
- CLG 1 - LAY-IN ACOUSTIC TILE - SEE SPEC
- CLG 2 - LAY-IN ACOUSTIC TILE - SEE SPEC
- CLG 3 - PAINTED GYPSUM BOARD

**PP:**
- Prefinished Insulated Panel

**SS:**
- Solo Surface
FOR CONTINUATION OF UNDERGROUND RACEWAYS SEE ELECTRICAL I CO. PAD MOUNTED TRANSFORMER TRANSFORMER BY UTILUM CO.. TRANSFORMER WIRING VAULT BY CONTRACTOR. REFER TO UTILUM CO. DRAWING FOR REQUIREMENTS.

KEY NOTES:
1. FORKLIFT CHARGER - 320V, 14, 13A
2. SHEER SLICER - 120V, 14, 15FLA
3. DOOR OPERATOR - CONTROL PANEL, & CONTROL SWITCH 208V, 30, 1 Hp
4. GARAGE DOOR MOTOR OPERATOR & CONTROL SWITCH
5. PANELED - 6-208/120V, 3, 4 FLA
6. 30A-40 SAFETY SWITCH (Rv. 1)
7. 60A-60 FUS WITH FUSE SIZE AS DIRECTED BY EQUIPMENT MFR (NEMA)

BUILDING ROOM NAME LEGEND:

1. RESTROOM
2. SUPPLY CLOSET
3. MAIN WAREHOUSE
4. WAREHOUSE
5. SECURITY LOADING
6. FILE ROOM
7. SERVER ROOM
8. TOILET ROOM
9. ELECTRICAL ROOM
10. MECHANICAL ROOM
11. FIELD SUPERVISIONS
12. MEETING ROOM 1
13. MEETING ROOM 2
14. CONSTRUCTION INSPECTIONS
15. RECENTLY ARCHIVED PROJECTS
16. FIELD MANAGERS
17. PROJECT MANAGERS
18. CONSTRUCTION MANAGER
19. CONSTRUCTION MANAGER
20. GIS TECHNICIAN AND SUBMISSIONS
21. RESTROOM
22. KITCHEN / BREAK ROOM
23. JANITOR
24. MEN
25. WOMEN
26. FAIR COLLECTION / STORAGE
27. DISTRICT MANAGER
28. DISTRICT CLOSET
29. CORRIDOR
30. CORRIDOR

POWER PLAN - WAREHOUSE
FINISHED GRADE

SECTION THRU DUCT BANK
SCALE: NO SCALE

3'-0" EMPTY PVC CONDUITS (UTILITY CO. - TELECOMMUNICA TIONS)

CONDUIT (WELL PUMP)

3'-0" EMPTY PVC CONDUIT WITH REMOTE GATE CONTROL WIRING FROM 2 ACCESS GATE PEDESTALS. WAREHOUSE BLDG. AND STATE POLICE BLDG.

UNDERGROUND RACEWAYS TO BE CONCRETE DUCTBANK ENCASED UNDER ROADWAY ONLY

1'-0" WC CONDUIT

CONCRETE

3'-0" WC CONDUIT (WELL PUMP)

CONCRETE DUCTBANK

3'-0" EMPTY PVC CONDUIT WITH INTERCOM WIRING

3'-0" PVC CONDUIT WITH REMOTE GATE CONTROL WIRING (ACCESS GATE CONTROLLER).

UNDERGROUND RACEWAYS TO BE CONCRETE DUCTBANK ENCASED UNDER ROADWAY ONLY

3'-0" PVC CONDUIT WITH INTERCOM WIRING

SECTION THRU DUCT BANK
SCALE: NO SCALE

FINISHED GRADE

FILL

SELECT EARTH FILL

1'-0" WC CONDUIT WITH REMOTE GATE CONTROL WIRING (ACCESS GATE CONTROLLER).

CONVERGENCE CABLE BY COMMISSION)

[section through duct bank]

5'-0" PVC CONDUIT (SECONDARY)

3'-0" PVC CONDUIT (EMERGENCY)

4'-0" PVC CONDUIT WITH SURVEILLANCE CAMERA POWER WIRING SEE PANELBOARD SCHEDULE ON DRAWING EP604 FOR WIRE SIZE.

UNDERGROUND RACEWAYS TO BE CONCRETE DUCTBANK ENCASED UNDER ROADWAY ONLY

3'-0" PVC CONDUIT WITH SURVEILLANCE CAMERA POWER WIRING

SECTION THRU DUCT BANK
SCALE: NO SCALE

FINISHED GRADE

FILL

SELECT EARTH FILL

1'-0" WC CONDUIT WITH REMOTE GATE CONTROL WIRING FROM 2 ACCESS GATE PEDESTALS. WAREHOUSE BLDG. AND STATE POLICE BLDG.

CONVERGENCE CABLE BY COMMISSION)

1'-0" PVC CONDUIT WITH INTERCOM WIRING

SECTION THRU DUCT BANK
SCALE: NO SCALE

FINISHED GRADE

FILL

SELECT EARTH FILL

1'-0" WC CONDUIT WITH REMOTE GATE CONTROL WIRING FROM 2 ACCESS GATE PEDESTALS. WAREHOUSE BLDG. AND STATE POLICE BLDG.

CONVERGENCE CABLE BY COMMISSION)

1'-0" PVC CONDUIT WITH INTERCOM WIRING

SECTION THRU DUCT BANK
SCALE: NO SCALE

FINISHED GRADE

FILL

SELECT EARTH FILL

1'-0" WC CONDUIT WITH REMOTE GATE CONTROL WIRING FROM 2 ACCESS GATE PEDESTALS. WAREHOUSE BLDG. AND STATE POLICE BLDG.

CONVERGENCE CABLE BY COMMISSION)
# APPENDIX E

## EVERETT FARES WAREHOUSE/OFFICE PART SPECIFICATIONS

<table>
<thead>
<tr>
<th>Hardware</th>
<th>Part Number</th>
<th>Location</th>
<th>TOTAL QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fiber Connectors</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corning Single Mode LC Connector</td>
<td>95-201-985P</td>
<td>Everett Fares Warehouse/OFFICE Building, Everett Fares/PSP Building, Everett Maintenance Miller Building</td>
<td>48</td>
</tr>
<tr>
<td><strong>CCH Panels</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CCH Connector Panel, 12 fiber, LC, single-mode, Duplex Adapters, Ceramic Composite Housing</td>
<td>CCH-CP12-A9</td>
<td>Everett Fares Warehouse/OFFICE Building, Everett Fares/PSP Building, Everett Maintenance Miller Building</td>
<td>2</td>
</tr>
<tr>
<td>CCH Connector Panel, 24 fiber, LC, single-mode, Duplex Adapters, Ceramic Composite Housing</td>
<td>CCH-CP24-A9</td>
<td>Everett Fares Warehouse/OFFICE Building</td>
<td>1</td>
</tr>
<tr>
<td><strong>Fiber Components</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buffer Tube Fan Out Kit</td>
<td>FAN-RT25-12</td>
<td>Everett Fares Warehouse/OFFICE Building, Everett Fares/PSP Building, Everett Maintenance Miller Building</td>
<td>4</td>
</tr>
<tr>
<td><strong>Wall Mount Connector Housing</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Premium® Wall-Mountable Connector Housing that will accept up to 2 CCH panels or modules</td>
<td>PWH-02P</td>
<td>Everett Fares/PSP Building</td>
<td>1</td>
</tr>
<tr>
<td>Wall-Mountable Connector Housing Wall Stand-off Brackets for -02P; brackets provide a 1 inch spacing from wall</td>
<td>PWH-STDOFF-BKT-02P</td>
<td>Everett Fares/PSP Building</td>
<td>1</td>
</tr>
<tr>
<td>External Cable Strain-Relief Kit that utilizes Corning Cable Systems Universal Cable Clamp; includes bracket, mounting hardware, 1 strain-relief clamp and 1 multi-cable insert tiles Corning Cable Systems Universal Cable</td>
<td>PWH-STDOFF-BKT-02P</td>
<td>Everett Fares/PSP Building</td>
<td>1</td>
</tr>
<tr>
<td><strong>Rack Mount Connector Housing</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Premium Connector Housing, 4U tall, accepts up to 12 CCH connector panels or modules; supplied with 1 UCC, 12 blank panels and installation hardware</td>
<td>PCH-04U</td>
<td>Everett Fares Warehouse/OFFICE Building</td>
<td>1</td>
</tr>
<tr>
<td>Strain Relief Bracket for PCH-04U</td>
<td>PC4-STRN</td>
<td>Everett Fares Warehouse/OFFICE Building</td>
<td>2</td>
</tr>
<tr>
<td><strong>Fiber Cable</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ALTOS All-Dielectric Cable, 24 Fiber, Single-mode, 0.4/0.3 dB/km Attenuation</td>
<td>024EW4-T4101D20</td>
<td>Everett Fares Warehouse/OFFICE Building to Everett Fares/PSP Building through Everett Maintenance Building down to Basement, to Everett Maintenance Miller Building</td>
<td>Approx 4,000 feet</td>
</tr>
</tbody>
</table>
### EVERETT FARES WAREHOUSE/OFFICE PART SPECIFICATIONS

<table>
<thead>
<tr>
<th>Hardware</th>
<th>Part Number</th>
<th>Location</th>
<th>TOTAL QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Copper Cable and Components</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Berk-Tek Lanmark 2000 Copper Cable for Voice and Data, Riser, Blue</td>
<td>10167477</td>
<td>Everett Fares Warehouse/Office Building</td>
<td>253 Drops</td>
</tr>
<tr>
<td>ALPHA WIRE 18 AWG 9 P STR Shielded CM Cable -OR- Equivalent P/N</td>
<td>Alpha Wire 2248C -OR- Equivalent P/N</td>
<td>Everett Fares Warehouse/Office Building</td>
<td>24 Drops</td>
</tr>
<tr>
<td>Ortronics Trac-Jack Fog White, Ivory</td>
<td>OR-TJ600</td>
<td>Everett Fares Warehouse/Office Building to each data/voice jack</td>
<td>263</td>
</tr>
<tr>
<td>Wiremold Bezel for Floor Data/Voice - Package of 2 accommodates 4 Trac-Jacks</td>
<td>RFB8RT</td>
<td>Everett Fares Warehouse/Office Building</td>
<td>2</td>
</tr>
<tr>
<td>Ortronics Trac-Jack Blank Module - Package of 10</td>
<td>OR-42100002</td>
<td>Everett Fares Warehouse/Office Building in HVAC and HIRSCH control panels</td>
<td>1</td>
</tr>
<tr>
<td>Ortronics Faceplate, holds one jack - for vestibule</td>
<td>OR-40300549</td>
<td>Vestibule</td>
<td>2</td>
</tr>
<tr>
<td>Ortronics Faceplate, holds four jacks</td>
<td>OR-40300546</td>
<td>Everett Fares Warehouse/Office Building</td>
<td>60</td>
</tr>
<tr>
<td>Ortronics Clarity CAT 6 High Density 48 port Patch Panel</td>
<td>OR-PHD66U48</td>
<td>Everett Fares Warehouse/Office Building</td>
<td>6</td>
</tr>
<tr>
<td><strong>Racks and Patch Cables</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ortronics, 7&quot; open rack, black, 19&quot;</td>
<td>OR-604004600</td>
<td>Everett Fares Warehouse/Office Building</td>
<td>2</td>
</tr>
<tr>
<td>Ortronics Cable Management Panel with five horizontal plastic distribution rings, 1.7&quot; H x 2.70&quot; D, 1 rack unit (1.75&quot;), black</td>
<td>OR-808004759</td>
<td>Everett Fares Warehouse/Office Building</td>
<td>20</td>
</tr>
<tr>
<td>LC to LC SM Fiber Zip Cord 1 meter</td>
<td>040402RS120001M</td>
<td>Installed by others</td>
<td>24</td>
</tr>
<tr>
<td>LC to LC SM Fiber Zip Cord 2 meter</td>
<td>040402RS120002M</td>
<td>Installed by others</td>
<td>24</td>
</tr>
<tr>
<td>CAT 6 Copper Patch Cables - 5 foot, gray</td>
<td>OR-MC605-08</td>
<td>Installed by others</td>
<td>100</td>
</tr>
<tr>
<td>CAT 6 Copper Patch Cable - 7 foot, blue</td>
<td>OR-MC607-06</td>
<td>Installed by others</td>
<td>160</td>
</tr>
<tr>
<td>CAT 6 Copper Patch Cables - 9 foot, purple</td>
<td>OR-MC609-07</td>
<td>Installed by others</td>
<td>50</td>
</tr>
<tr>
<td>Ortronics Vertical Cable Chase - single sided</td>
<td>SVMS706C</td>
<td>Everett Warehouse/Office Sever Room</td>
<td>6</td>
</tr>
<tr>
<td><strong>Electrical Components</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geist Mfg, 66 inch, Vertical Rack 20 outlet, 125 volt, 20 amp, Power Strip, with 10 ft. cord, black</td>
<td>VRTBN200-10210TL</td>
<td>Everett Warehouse/Office Sever Room</td>
<td>2</td>
</tr>
</tbody>
</table>
24" w on 7" centers
ladder tray

24" x 8' 11.5" footprint
Minimum 3' wide aisle spacing between equipment rack columns

8 each 19" x 7' racks with
6" x 6" wire management
channels

Twist lock receptacle 125
VAC 20 AMP mounted
above 19" racks

.75" plywood sheeting
Addendum No. 1
RFP # 10-10350-2433
Everett Fares Warehouse/Office Infrastructure Cabling

Prospective Respondents: You are hereby notified of the following information in regard to the referenced RFP:

ADDITIONS

1. An additional drawing was provided at the mandatory pre-proposal and has been attached to this Addendum and is to be made part of this RFP.

QUESTIONS and ANSWERS

Following are the answers to questions submitted in response to the above referenced RFP up to and including questions submitted during the Pre-Proposal Conference on April 6, 2010. All of the questions have been listed verbatim, as received by the Pennsylvania Turnpike Commission.

1. The cabling / connecting hardware specified is BeckTek/ Ortronics. Will the PTC accept Tyco AMP NETCONNECT which is actually headquartered in Harrisburg and are a major mfg of cabling systems… significantly larger and higher end products than Berktek?

The RFP requirements stand as written. Proposers should base there submission on the specifications as advertised.

2. Do outside plant conduits enter into Room 106 (Server Rm)?

Refer to drawing EP302 of 8, Sheet 103 of 115, for conduit penetration placement through the floor of the Server Room. There will be more than the 3 conduits shown on the drawing and they will be dual stacked.

All other terms, conditions and requirements of the original RFP posted March 17, 2010 remain unchanged unless modified by this Addendum.