



Office of Purchasing and Supply Service
Facilities Administration Building (FAB)
13300 Old Marlboro Pike, Room 20
Upper Marlboro, MD 20772
Phone: 301-952-6560 Fax: 301-952-6605

JUL 12 16 2:41 PM

Brenda Allen, Director

NOTICE OF CONTRACT AWARD

June 22, 2016

Specialized Engineering
7504 Connelley Drive, Suite G
Hanover, MD 21076
Phone: 410.768.4800
Fax: 410.768.4803
Contact Email: dschultz@specialized engineering.com

Steve Francisco
Phone: 301.952.6567
Fax: 301.952.6605
Email: Donna.Parks@pgcps.org

RE: IFB 054-16 Tulip Grove ES Additions & Renovations Third Party Testing and Inspection Services

Dear Mr. Schultz:

Specialized Engineering has been selected as the vendor to provide services in accordance with the above-mentioned Task Order. This contract sets forth the terms and conditions and is provided for your review and acceptance. Any changes or additions made by your company must first be accepted by the Purchasing Division before the contract is valid.

The intent of this contract is to provide the Board with an expedited means of procuring supplies and/or services at the lowest cost. This contract is for the convenience of the Board and is considered by the Purchasing Department to be a "Non-Exclusive" use contract. The Board does not guarantee any usage. The Board will not be held to purchase any particular brand, in any groups, prices or discount ranges, but reserves the right to purchase any item/items listed in the price schedule submitted.

Until the contract is signed by **Specialized Engineering** and the BOARD, authorization for commence to service sites on behalf of the contract is forbidden. Please sign below and return all documents to the PURCHASING OFFICE within ten (10) days. Failure to sign the contract award and return all required documents within the specified time, shall rule your offer null and void and, therefore, award shall be made to the next low responsive bidder.

This notice of award, bid documents terms and/or attachments and any conditions and instructions will constitute the entire contract after acceptance by your firm and the BOARD. Please refer to the bid for all applicable terms and conditions.

CONTRACT AWARD ESTIMATED AMOUNT

The estimated amount of award is **\$51,599.00**

INITIAL CONTRACT TERM

The initial term of the contract will be from date of contract award until completion as specified in the bid documents and Notice to Proceed. Prices shall remain firm for the entire first year of the contract. **All prices must be submitted per F.O.B. destination only unless otherwise specified herein.**

THIS NOTICE OF AWARD IS NOT AN ORDER TO COMMENCE SERVICE/WORK OR TO MAKE DELIVERIES at this time. Commence service/work/deliveries only after receipt of a **Purchase Order** signed by the Purchasing Agent and a **Notice to Proceed** issued by Department of Capital Programs.

INSURANCE

Certificate of Insurance, made in favor of the **BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY, UPPER MARLBORO, MARYLAND 20772-9983**, must be submitted to the PURCHASING OFFICE with the returned signed contract award **WITHIN TEN (10) DAYS**. The Certificate should reference the BID NUMBER as shown herein. It will be the responsibility of the contractor to ensure that a **current** Certificate of Insurance is on file in the Purchasing Office during the entire period of the contract.

PERFORMANCE/PAYMENT BOND (N/A)

The successful Respondents shall submit a performance or payment bond, Cashier's or Certified Check in the amount of one hundred percent (100%) as determined by the BOARD and specified in the IFB, of all phases of the contract to ensure the satisfactory completion of the work for which a contract or purchase order is awarded that exceed \$100K. (Comar 21.06.07.03) The Board reserves the right to request performance bond for amount under or over \$1,000.00. The performance bond shall be submitted with the return of the signed contract award **WITHIN TEN (10) DAYS**.

The bond, cashiers or certified check must be made in favor of the **BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY, UPPER MARLBORO, MARYLAND 20772-9983**.

CRIMINAL BACKGROUND CHECK/PHOTO IDENTIFICATION BADGE

It is the responsibility of the Consultant to make certain that its employees, agents, volunteers, and contractors who have contact with students be fingerprinted and have a background check in compliance with Title 5, Subtitle 5, Part VI, of the Family Law Article of the Maryland Code.

A. **Employees Having Direct Contact with Students:**

Any and all current and future employees of Consultant/Contractors who may have direct contact with students must have a criminal background check and fingerprinting conducted by the Finger Printing Office of the Board before 14 days before beginning work. Previous background checks will not be accepted. The fee for the background check shall be paid by the Consultant/Contractors by check or money order at the time the fingerprinting is performed. No employee can begin work in a PGCPSS Schools until results have been received. Violation of this provision may result in Termination for Cause.

B. **Employees Do Not Have Direct Contact With Students:**

Employees of Consultant/Contractor who will be placed in a PGCPSS Schools but will not have direct contact with students must have on record a Criminal Justice Information Service (CJIS) and NCIC background checks. Copies of the background checks must be forwarded to the Contract Officer before services can commence. Every two years the Consultant shall submit copies of background checks to the Contract Officer. Should any employee be flagged during the term of this agreement, the Consultant shall contact the Contract Officer within 24 hours of notification. Violation of this provision may result in Termination for Cause.

C. **Employment of Child Sex Offenders:**

The Consultant/Contractor shall at all times be compliant with the Criminal Procedure Article of Annotated Code of Maryland Section 11-722 that states that a person who enters a contract with a County Board of Education or a nonpublic school may not knowingly employ an individual to work at a school if the individual is a registered child sex offender. If a registered child sex offender is employed by the Consultant/Contractor, the Consultant/Contractor is prohibited from assigning that employee to perform management, delivery, installation, repair, construction or any other type of services on any The Board property. Violation of this provision may result in Termination for Cause.

LIQUIDATED DAMAGES/FAILURE TO PERFORM WORK

The successful respondents accepts this contract with the understanding that should they fail to complete the work in an acceptable manner and in the time stated, shall be subject to the payment of liquidated damages as stated in the proposal document.

TAXES

Respondents shall assume full responsibility for payment of any and all taxes which may be construed by law authority as being due for materials and supplies under any contract with the BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY. They shall hold the BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY safe and harmless from any liability for said taxes.

Responses to the proposal submitted shall not include Federal Excise Taxes or State or Local Sales or Use Taxes (if applicable). The cost of any taxes (operational and/cost of doing business) that are lawfully due and paid by the contractor may be passed on to the Board of Education as part of the overall cost.

The BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY is subject to the provisions of Article 81, Section 326 (a) of the Annotated Code of Maryland which provides that the Retail Sales Tax shall not apply to the following Sales:

State Sales - "Sales to the State of Maryland or any of its political subdivisions. Provided that this sub-section shall not be construed or applied to exempt any sale, otherwise taxable under this subtitle, or tangible personal property to contractors or builders to be used for the construction, repair or alteration of real property, on contracts advertised for solicitation after July 1, 1968."

INSPECTION AND ACCEPTANCE

Inspection and acceptance of materials or supplies will be made after delivery at specified destinations unless otherwise stated. The Board will bear the expense of inspection except for the value of samples used in case of rejection. Final inspection shall be conclusive except in regard to latent defects, fraud or such gross mistakes as to amount to fraud. Final inspection and acceptance or rejection of the materials or supplies will be made in a reasonable time, but failure to inspect and accept or reject materials or supplies shall not impose liability on the Board for such materials or supplies as are not in accordance with the specifications.

CHANGES IN TERMS OR DELIVERY/COMPLETION DATE

After award of individual contracts, any questions or correspondence related but not limited to the following matters must be directed to the PURCHASING OFFICE, BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY, UPPER MARLBORO, MARYLAND 20772-9983, in writing:

In the event of strikes, Acts of God, or other circumstances beyond the contractors control which prevent completion of work or delivery, the contractor must secure temporary contractual relief. The circumstances and duration must be stated by the contractor in writing and be forwarded to the PURCHASING OFFICE within ten (10) days after their development. Contractual relief shall be only that which is acceptable to and in agreement with the PURCHASING OFFICE, for those goods and services which are necessary for the day to day needs of the BOARD. **Please Note: ALL OVERTIME MUST BE APPROVED IN ADVANCE**

INVOICES

Invoices must be submitted QUADRUPLE, ACCOMPANIED BY A SIGNED DELIVERY TICKET, TO DEPARTMENT OF CAPITAL PROGRAMS, BOARD OF EDUCATION OF PRINCE GEORGE'S COUNTY, FACILITIES ADMINISTRATION BUILDING, 13300 OLD MARLBORO PIKE, ROOM 11, UPPER MARLBORO, MD 20772, Attention: Lucian Mussawwi and contain the following minimal information:

- Purchase Order Number
- Invitation for Bid Number
- Delivery destinations as it appears on the purchase document
- Quantity, item number, and description of item billed

- Unit price and extended price of item
- Total amount of invoice

GUARANTEES & WARRANTIES

All guarantees and warranties required shall be furnished by the successful vendor and shall be delivered to the Purchasing department before final payment on the contract is made. Unless in conflict with this contract or as otherwise stated, manufacturer's standard warranty applies.

PAYMENT

Payment will be made upon receipt of proper invoices. Payment shall be NET 30 days from date of receipt of invoice.

DAMAGES OR INJURY

Qualifying contractors will be held pecuniary responsible for any and all damage to BOARD property done or caused by them or their employees or other personnel engaged in the execution of the contract.

The contractor shall be similarly responsible for all injury to persons that occur as a result of his fault or negligence.

The contractor shall take proper safety and health precautions to protect the work, the workers, the public and the property of others.

The contractor shall be responsible for any and all damage to adjacent property incurred in the performance of the contract and shall hold the BOARD free of any and all claims for damages arising from the execution of the contract.

TERMINATION FOR CONVENIENCE

This contract may be terminated by the BOARD OF EDUCATION in accordance with this clause in whole or in part whenever the Board Contracting Officer shall determine that such a termination is in the best interest of the BOARD OF EDUCATION. Any such termination shall be effected by delivery to the Contractor at least five (5) working days prior to the termination date of a Notice of Termination specifying the extent to which performance shall be terminated and date upon such termination becomes effective. An equitable adjustment in the contract price shall be made for completed service, but no amount shall be allowed for anticipated profit on unperformed services.

TERMINATION FOR DEFAULT

The BOARD OF EDUCATION may, by written notice of default to the Contractor, terminate the whole or any part of the Contract in any one of the following circumstances:

If the Contractor fails to make delivery of the supplies or equipment exactly as specified or perform the services within the time and manner specified herein or any extension thereof, or If the Contractor fails to perform any of the other provisions of this Contract, or so fails to make progress as to endanger performance of this Contract in accordance with its terms, and in either of these two circumstances does not cure such failure within a period of ten (10) days (or such longer period as the Purchasing Office may authorize in writing) after receipt of written notice from the Purchasing Office specifying such failure, or will fully attempt to make delivery of items other than the items in the Contract, or perform the services other than specified as to quality, contents of pack, work processes or otherwise, without specific authorization in the form of a contract amendment, or If a determination is made by the BOARD OF EDUCATION that the obtaining of the Contract was influenced by an employee of the BOARD having received a gratuity, or promise thereof, in any way or form.

INFRINGEMENT OF PATENT, TRADEMARK, COPYRIGHT, TRADE SECRET, OTHER INTEREST

The following terms apply to any infringement, of claim or infringement, of any patent, trademark, copyright, trade secret or other proprietary interest based on the manufacture, normal use or sale of any material, equipment, programs or services furnished by Respondent to the Board, unless such infringement or claim results from the Respondent following written instruction or directions of The BOARD. Respondent shall indemnify the Board, for any loss, damage, expense, or liability that may result by reason of any such infringement or claim. Respondent shall defend or settle, at Respondent's own expense, any action or suit for which Respondent is responsible hereunder. The Board shall notify

Respondent promptly of any claim or infringement for which Respondent is responsible and shall cooperate with Respondent in every way to facilitate the defense of any such claim.

NON-DISCRIMINATION

The Contractor is to conduct business in a non-discriminatory manner prohibiting discrimination in any manner against any employee or applicant for employment because of sex, race, creed, color, age, mental or physical disability, sexual orientation or national origin.

RIGHT TO DATA

All data, reports and other documents generated for the BOARD and accumulated by the consultant/contractor in the performance of this order/award, shall remain the property of the BOARD, and shall be returned to the control of the BOARD upon completion of the contract. No personal student or BOARD information, as defined by federal and state law and BOARD policy, shall be disclosed or published unless otherwise agreed herein.

RIGHT TO AUDIT

The contractor shall agree that in accordance with Section 952 of the Omnibus Budget Reconciliation Act of 1980, its contracts, books, documents and records will be made available to the Comptroller General of the United States and the BOARD until the expiration of services is finalized under this Agreement.

AVAILABILITY OF FUNDS

The contract shall be deemed executory only to the extent of appropriations available to the BOARD for the purchase of such articles. The obligation of the BOARD on all contracts, including those which envision funding through current and successive fiscal years, shall be contingent upon actual Board appropriations for the fiscal year(s) involved.

RESTRICTIONS

Potential contractors/vendors of the Board of Education of Prince George's County Schools are advised that Maryland law now provides the following mandatory restrictions on registered sex offenders performing work or services on school system property: "A person who enters into a contract with a county board of education or a nonpublic school may not knowingly employ an individual to work at a school if the individual is a registrant. A person who violates this section is guilty of a misdemeanor and on conviction is subject to imprisonment not exceeding 5 years or a fine not exceeding \$5,000 or both."

Persons or entities awarded contracts with the Board of Education of Prince George's County are required to certify that no employee, subcontractor, subcontractor employee, or material supplier that is a registered sex offender will be allowed to enter onto school system property at any time in the performance of the work or services for which the contract is awarded. Such certification is a condition precedent to any contract award, and failure to so certify will be grounds for not awarding a contract. It will be the responsibility of contractors to obtain similar certification from all sub-contractors and material suppliers performing work or services on school system property and to monitor adherence to this requirement. In the event that the Board of Education of Prince George's County determines that a registered sex offender has entered upon school system property in the performance of work for a contractor/vendor, such will be grounds for termination of the contract.

LAWS AND PERMITS

The contractor shall, without additional cost to the BOARD, be responsible for paying for and obtaining any necessary licenses, inspections and permits for complying with any and all FEDERAL, STATE AND LOCAL LAWS, CODES AND REGULATIONS, in connection with the performance of the work.

Laws of the STATE OF MARYLAND and PRINCE GEORGE'S COUNTY shall govern the contract.

The contractor may not assign or transfer this contract any interest herein or any claim hereunder, except as expressly authorized in writing by the Director.

No officer or employee of the Board of Education Prince George's County Public Schools, whether elected or appointed, has in any manner whatsoever, any interest in or has received prior hereto or will received subsequent hereto any benefit, monetary or material, or consideration from the profits or emoluments of this contract, job, work or service for the Board, and that no officer or employee has accepted or received or will receive in the future a service or thing of value, directly or indirectly, upon more favorable terms than those granted to the public generally, nor has any such officer or employee of the Board received or will receive, directly or indirectly, any part of any fee, commission or other compensation paid or payable to the Board in connection with this contract, job, work, or service for the Board, excepting, however, the receipt of dividends on corporation stock.

ACCEPTED BY:

FOR THE FIRM:

FOR THE BOARD OF EDUCATION:

[Signature]
SIGNATURE
6-30-16
DATE

[Signature]
SIGNATURE
7/13/16
DATE

David S. Schultz
NAME

Brenda Allen [Signature]
NAME:

President
TITLE

Acting Director, Purchasing & Supply Services
TITLE:

Specialized Engineering
4845 International Dr. Suite 104
Frederick, MD 21703

FOR THE BOARD OF EDUCATION
OF PRINCE GEORGE'S COUNTY
UPPER MARLBORO, MARYLAND 20772

CONTRACT PRICING

Item Description	Contract Pricing
Third Party Testing and Inspection Services (see breakdown of services below)	\$51,599.00
Total Contract Value	\$51,599.00

BREAKDOWN OF SERVICES					
	DESCRIPTION				
A-1	LABORATORY TESTING SERVICES	QTY	UNIT	UNIT RATE	AMOUNT
	<i>Laboratory testing as described below</i>				
1	PRECONSTRUCTION MASONRY UNIT TEST - (ASTM C 140)	1	TESTS	\$75.00	\$75.00
2	PRECONSTRUCTION MORTAR TEST-ASTM C 109/C 109M-COMPRESSIVE STRENGTH, ASTM C 1506-WATER RETENTION & ASTM C 91-AIR CONTENT)	1	TESTS	\$200.00	\$200.00
3	PRECONSTRUCTION MORTAR TEST - (ASTM C 780 COMPRESSIVE STRENGTH)	1	TESTS	\$20.00	\$20.00
4	PRECONSTRUCTION GROUT TEST - (ASTM C 1019 COMPRESSIVE STRENGTH)	1	TESTS	\$20.00	\$20.00
5	PRECONSTRUCTION PRISM TEST - (ASTM C 1314)	1	TESTS	\$150.00	\$150.00
6	MASONRY PRISM COMPRESSIVE STRENGTH (ASTM C1314, 1 SET OF 3)	1	TESTS	\$250.00	\$250.00
7	CONCRETE BLOCK COMPRESSIVE STRENGTH (ASTM C1314, 1 SET OF 3)	1	TESTS	\$250.00	\$250.00
	TOTAL COST FOR THIS SECTION.				\$965.00
EARTHWORK (SOIL & FOUNDATION) SERVICE - SEE ATTACHMENT # 2					
A-2	STRUCTURAL FILL ANALYSIS	QTY	UNIT	UNIT RATE	AMOUNT
	<i>Laboratory testing of fill materials proposed for using as structural fill</i>				
1	MOISTURE CONTENT (ASTM D 2216)	1	TESTS	\$10.00	\$10.00
2	GRADATION ANALYSIS (ASTM D 422)	1	TESTS	\$50.00	\$50.00
3	SIEVE ANALYSIS (ASTM D 1140)	1	TESTS	\$50.00	\$50.00
4	ATTERBERG LIMITS (ASTM D 4318)	1	TESTS	\$50.00	\$50.00
5	PERMEABILITY TESTING (ASTM D 2434)	1	TESTS	\$100.00	\$100.00
6	STANDARD PROCTOR (ASTM D 698)	2	TESTS	\$150.00	\$300.00

7	MODIFIED PROCTOR (ASTM D1557)	0	TESTS	\$150.00	\$0.00
8	UNIFIED SOIL CLASSIFICATION (USCS) OF FILL (ASTM D 2487)	2	TESTS	\$10.00	\$20.00
9	SPECIFIC GRAVITY (ASTM D 854)	1	TESTS	\$70.00	\$70.00
10	FILL MEETS ENGINEERING CRITERIA FOR STRUCTURAL FILL	1	LUMP SUM	\$250.00	\$250.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$250.00
	TOTAL COST FOR THIS SECTION				\$1,150.00
A-3	BULK EARTHWORK OBSERVATION AND COMPACTION TESTING SERVICE	QTY	UNIT	UNIT RATE	AMOUNT
	<i>Field observation of earthwork operations and in place density testing of structural fill and backfill</i>				
1	FIELD ENGINEER	20	HRS	\$33.00	\$660.00
2	ENGINEERING REPORT & REVIEW	1	LUMP SUM	\$100.00	\$100.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$250.00
	TOTAL COST FOR THIS SECTION				\$1,010.00
A-4	UTILITY TRENCH BACKFILL OBSERVATION AND COMPACTION TESTING SERVICE	QTY	UNIT	UNIT RATE	AMOUNT
	<i>Field observation of utility trench excavation operations and in place density testing of structural fill and backfill</i>				
1	FIELD ENGINEER	20	HRS	\$33.00	\$660.00
2	ENGINEERING REPORT & REVIEW	1	LUMP SUM	\$100.00	\$100.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$250.00
	TOTAL COST FOR THIS SECTION				\$1,010.00

A-5	PAVEMENT SUBGRADE OBSERVATION AND TESTING SERVICE	QTY	UNIT	UNIT RATE	AMOUNT
	<i>Field observation of proofrolling and in-place density testing at pavement subgrades</i>				
1	FIELD ENGINEER	8	HRS	\$33.00	\$264.00
2	ENGINEERING REPORT & REVIEW	1	LUMP SUM	\$40.00	\$40.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$250.00
	TOTAL COST FOR THIS SECTION				\$554.00
A-6	PAVEMENT AGGREGATE BASE OBSERVATION AND TESTING SERVICE	QTY	UNIT	UNIT RATE	AMOUNT
	<i>Field observation of proofrolling and in-place density testing of aggregate base pavement</i>				
1	FIELD ENGINEER OBSERVATION & IN-PLACE DENSITY TESTING	10	HRS	\$33.00	\$330.00
2	ENGINEERING REPORT & REVIEW	1	LUMP SUM	\$50.00	\$50.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$250.00
	TOTAL COST FOR THIS SECTION				\$630.00
A-7	ASHPALT PAVING OBSERVATION AND TESTING SERVICE	QTY	UNIT	UNIT RATE	AMOUNT
	<i>Field observation of construction and in-place density testing of bituminous pavement</i>				
1	FIELD ENGINEER OBSERVATION & IN-PLACE DENSITY TESTING	10	HRS	\$33.00	\$330.00
2	ENGINEERING REPORT & REVIEW	1	LUMP SUM	\$50.00	\$50.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$250.00
	TOTAL COST FOR THIS SECTION				\$630.00

A-8	FOUNDATIONS SUB-GRADE OBSERVATION & TESTING SERVICE	QTY	UNIT	UNIT RATE	AMOUNT
	<i>Field observation of Foundation Subgrade and in-place density testing prior to concrete placement pavement</i>				
1	INSPECTION OF SUB-GRADE AT PROPOSED FOUNDATION ELEVATIONS	2	HRS	\$33.00	\$66.00
2	SHORING AND UNDERPINNING AT EXIST. BLDG. INTERFACES	4	HRS	\$33.00	\$132.00
3	COMPACTION RESULTS AT SLAB AND FOOTING LOCATIONS	8	HRS	\$33.00	\$264.00
4	PLACEMENT AND COMPACTION OF STONE SUB-BASE AT SLAB ON GRADE LOCATIONS	8	HRS	\$33.00	\$264.00
5	INSPECTION OF REINFORCING STEEL WELDING FOR QUALITY, INTEGRITY, AND CONFORMANCE (AWS D1.4 & ACI 318)	0	HRS	\$65.00	\$0.00
6	ENGINEERING REPORT & REVIEW (NOT ON BID)				
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$500.00
	TOTAL COST FOR THIS SECTION				\$1,226.00
A-9	SLAB ON GRADE SUB-GRADE OBSERVATION TESTING SERVICE	QTY	UNIT	UNIT RATE	AMOUNT
	<i>Field observation of subgrade placement and in-place density testing prior to aggregate base placement</i>				
1	FIELD ENGINEER OBSERVATION & IN-PLACE DENSITY TESTING	20	HRS	\$33.00	\$660.00
2	ENGINEERING REPORT & REVIEW	1	LUMP SUM	\$100.00	\$100.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$250.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$1,010.00
A-10	SLAB ON GRADE AGGREGATE BASE OBSERVATION TESTING SERVICE	QTY	UNIT	UNIT RATE	AMOUNT

	<i>Field observation of Aggregate base placement prior to concrete placement</i>				
1	FIELD ENGINEER OBSERVATION & IN-PLACE DENSITY TESTING	10	HRS	\$33.00	\$330.00
2	ENGINEERING REPORT & REVIEW	1	LUMP SUM	\$50.00	\$50.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$250.00
	TOTAL COST FOR THIS SECTION				\$630.00
A-11	CONCRETE TESTING - FOOTINGS, SLABS ON GRADE & ELEVATED SLABS	QTY	UNIT	UNIT RATE	AMOUNT
	<i>Field observation of Concrete placement including on site testing of fresh Portland cement concrete. (Testing to include taking of cylinders, slump testing, entrained air testing & temperature testing)</i>				
1	FIELD ENGINEER	200	HRS	\$33.00	\$6,600.00
2	REVIEW PLACEMENT & WELDING OF CONCRETE REINFORCEMENT	10	HRS	\$33.00	\$330.00
3	VERIFY DESIGN MIXTURE, CURING & PLACEMENT PROCEDURES	10	HRS	\$33.00	\$330.00
4	SLUMP TESTING (ASTM C 143/C 143M)	20	TESTS	\$33.00	\$660.00
5	AIR CONTENT TESTING (ASTM C 231)	20	TESTS	\$33.00	\$660.00
6	CONCRETE TEMPERATURE TESTING (ASTM C 1064/C 1064M)	20	TESTS	\$1.00	\$20.00
7	CAST & FIELD CURE STANDARD CONCRETE CYLINDERS (ASTM C 31/C 31M)	0	STS of 4	\$40.00	\$0.00
8	CAST & LAB CURE STANDARD CONCRETE CYLINDERS (ASTM C 31/C 31M)	20	STS of 4	\$32.00	\$640.00
9	COMPRESSIVE-STRENGTH LABORATORY TESTING (ASTM C 39/C 39M)	20	STS of 4	\$32.00	\$640.00
10	MEASURE FLOOR & SLAB FLATNESS & LEVELNESS (ASTM E 1155/E 1155M)	4	HRS	\$75.00	\$300.00

11	PROFESSIONAL ENGINEERING CERT. OF CAST-IN-PLACE CONCRETE	1	LUMP SUM	\$250.00	\$250.00
12	ENGINEERING REPORT & REVIEW	1	LUMP SUM	\$1,600.00	\$1,600.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$250.00
	TOTAL COST FOR THIS SECTION				\$12,280.00
	CONCRETE SERVICE - SEE ATTACHMENT # 3				
A-12	CONCRETE WORK	QTY	UNIT	UNIT RATE	AMOUNT
1	VERIFY SIZE LAYOUT OF ELEMENTS	8	HRS	\$33.00	\$264.00
2	SLUMP TESTING (ASTM C 143/C 143M)	0	TESTS	\$1.00	\$0.00
3	AIR CONTENT TESTING (ASTM C 231)	0	TESTS	\$1.00	\$0.00
4	CONCRETE TEMPERATURE TESTING (ASTM C 1064/C 1064M)	0	TESTS	\$1.00	\$0.00
5	CAST & FIELD CURE STANDARD CONCRETE CYLINDERS (ASTM C 31/C 31M)	0	STS of 4	\$32.00	\$0.00
6	CAST & LAB CURE STANDARD CONCRETE CYLINDERS (ASTM C 31/C 31M)	0	STS of 4	\$32.00	\$0.00
7	COMPRESSIVE-STRENGTH LABORATORY TESTING (ASTM C 39/C 39M)	0	STS of 4	\$32.00	\$0.00
8	MEASURE FLOOR & SLAB FLATNESS & LEVELNESS (ASTM E 1155/E 1155M)	2	HRS	\$75.00	\$150.00
9	VERIFY SIZE, SHAPE & LOCATION OF FORMWORK (ACI 318)	2	HRS	\$33.00	\$66.00
10	VERIFY SIZE AND PLACEMENT OF REINFORCING (ACI 318 & AWS D1.4)	20	HRS	\$33.00	\$660.00
11	INSPECT ELEVATED SLAB PLACEMENT CURING METHOD AND DURATION, PLACEMENT OF CONTROL JOINTS AND CONSTRUCTION JOINTS	2	HRS	\$33.00	\$66.00

12	ENGINEERING REPORT & REVIEW (NOT ON BID)				
	TOTAL COST OF ATTACHMENT #2 FOR THIS SECTION				\$250.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$200.00
	TOTAL COST FOR THIS SECTION				\$1,656.00
	MASONRY SERVICE - SEE ATTACHMENT # 4 & # 5				
A-13	MASONRY WORK - INSPECTION	QTY	UNIT	UNIT RATE	AMOUNT
1	VERIFY BLOCK MATERIAL STRENGTH AND SIZE (ACI 530.1/ASCE 6/TMS 602)	1	HRS	\$33.00	\$33.00
2	PERIODICALLY INSPECT REINFORCING SIZE AND PLACEMENT (ACI 530/ASCE 5/TMS 402 - ACI 530.1/ASCE 6/TMS 602)	16	HRS	\$33.00	\$528.00
3	VERIFY MORTAR MIX AND JOINT WORKMANSHIP AND CONSTRUCTION OF BOND BEAMS AND PIERS (ACI 530.1/ASCE 6/TMS 602)	4	HRS	\$33.00	\$132.00
4	PERIODICALLY INSPECT BLOCK GROUTING (ACI 530.1/ASCE 6/TMS 602)	16	HRS	\$33.00	\$528.00
5	VERIFY PROPER ATTACHMENTS TO SUPPORTING OR BRACING ELEMENTS (ACI 530/ASCE 5/TMS 402 - ACI 530.1/ASCE 6/TMS 602)	8	HRS	\$33.00	\$264.00
6	VERIFY PROPER ANCHORAGE OF VENEER	4	HRS	\$33.00	\$132.00
7	ENGINEERING REPORT & REVIEW (NOT ON BID)				
	TOTAL COST OF ATTACHMENT #3 & #4 FOR THIS SECTION				\$250.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$250.00
	TOTAL COST FOR THIS SECTION				\$2,117.00
A-14	MASONRY TESTING SERVICE	QTY	UNIT	UNIT RATE	AMOUNT

	<i>Field observation of masonry mortar mixing. Field observation of grout mixing & placement. Laboratory testing of mortar and grout specimens (compressive strength)</i>				
1	FIELD ENGINEER	20	HRS	\$33.00	\$660.00
2	MORTAR CUBE TESTING (Compressive Strength ASTM C 780, 1 SET OF 3)	5	SETS	\$40.00	\$200.00
3	GROUT CYLINDER (Compressive Strength ASTM C 1019, 1 SET OF 3)	5	SETS	\$40.00	\$200.00
4	BRICK TESTS - (ASTM C 67)	1	TEST	\$100.00	\$100.00
5	CONCRETE MASONRY UNIT TEST - (ASTM C 140)	1	TEST	\$75.00	\$75.00
6	COMPRESSIVE STRENGTH OF MASONRY PRISMS TEST - (ASTM C 1314)	1	TEST	\$150.00	\$150.00
7	ENGINEERING REPORT & REVIEW	1	LUMP SUM	\$250.00	\$250.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$250.00
	TOTAL COST FOR THIS SECTION				\$1,885.00
	STRUCTURAL STEEL SERVICE - SEE ATTACHMENTS # 6 & #7				
A-15	STEEL JOIST MEMBERS AND ACCESSORIES SERVICE	QTY	UNIT	UNIT RATE	AMOUNT
1	PERIODIC INSPECTION OF THE CONDITION, SIZE AND SPACING AND PLACEMENT OF VARIOUS MEMBERS AT SITE	8	HRS	\$65.00	\$520.00
2	PERIODIC VERIFICATION OF JOIST ATTACHMENTS TO SUPPORTING ELEMENTS	16	HRS	\$65.00	\$1,040.00
3	PERIODIC INSPECTION OF BRIDGING PLACEMENT AND ANCHORAGE	4	HRS	\$65.00	\$260.00
4	PERIODIC INSPECTION OF BEARING PLATE SIZE AND ANCHORAGE	4	HRS	\$65.00	\$260.00
5	PERIODIC INSPECT FRAMING FOR ROOFTOP MECH. UNITS	8	HRS	\$65.00	\$520.00

6	ENGINEERING REPORT & REVIEW (NOT ON BID)				
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$600.00
	TOTAL COST FOR THIS SECTION				\$3,200.00
A-16	STRUCTURAL STEEL / LINTELS SERVICE	QTY	UNIT	UNIT RATE	AMOUNT
1	VERIFY MEMBER SIZES, PLACEMENT AND CONDITION AT SITE (ASTM MATERIAL SPECIFICATIONS & AISC 360)	4	HRS	\$65.00	\$260.00
2	INSPECTION & TESTING OF FIELD WELDED CONNECTIONS FOR QUALITY, INTEGRITY, AND CONFORMANCE (AWS D1.1)	4	HRS	\$65.00	\$260.00
3	COMPLIANCE WITH APPROVED CONTRUCTION DOCUMENTS	4	HRS	\$65.00	\$260.00
4	INSPECTION OF HIGH-STRENGTH BOLTS IN ACCORDANCE WITH AISC SPECIFICATIONS (AISC 360)	4	HRS	\$65.00	\$260.00
5	CHECK PLUMB NESS AND LEVELNESS OF ERECTED STEEL	2	HRS	\$65.00	\$130.00
6	CHECK COLUMN BASES FOR ELEVATION AND PLAN LOCATION TOLERANCES PRIOR TO ERECTION OF STEEL	2	HRS	\$65.00	\$130.00
7	ENGINEERING REPORT & REVIEW (NOT ON BID)				
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$400.00
	TOTAL COST FOR THIS SECTION				\$1,700.00
A-17	STEEL FLOOR AND ROOF DECKING SERVICE	QTY	UNIT	UNIT RATE	AMOUNT
1	VERIFY SIZE, CONDITION, AND TYPE OF DECK AT SITE	1	HRS	\$65.00	\$65.00
2	VERIFY PLACEMENT DECK AND ACCESSORIES IN ACCORDANCE WITH SHOP DRAWINGS	1	HRS	\$65.00	\$65.00

3	INSPECT ROOF DECK ATTACHMENTS TO SUPPORTING ELEMENTS FOR CONFORMANCE WITH SHOP DRAWINGS.	1	HRS	\$65.00	\$65.00
4	INSPECTION OF FLOOR & ROOF DECK WELDS FOR QUALITY, INTEGRITY AND CONFORMANCE	2	HRS	\$65.00	\$130.00
5	ENGINEERING REPORT & REVIEW (NOT ON BID)				
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				\$300.00
	TOTAL COST FOR THIS SECTION				\$625.00
A-18	STRUCTURAL WELDING & BOLTING TESTING SERVICE	QTY	UNIT	UNIT RATE	AMOUNT
	<i>Field observation and testing of welds & bolted connections</i>				
1	FIELD ENGINEER	10	HRS	\$65.00	\$650.00
2	VISUAL INSPECTION OF WELDS FOR QUALITY, INTEGRITY, AND CONFORMANCE (AWS D1.3)	8	HRS	\$65.00	\$520.00
3	TESTING OF WELDS ACCORDING TO AWS D1.3 AND AS APPLICABLE ASTM E 94, ASTM E 709, ASTM E 164 ASTM E 165	8	HRS	\$65.00	\$520.00
4	VISUAL INSPECTION OF BOLTED CONNECTIONS	4	HRS	\$65.00	\$260.00
5	TEST AND VERIFY HIGH-STRENGTH, FIELD BOLTED CONNECTIONS USING ASTM A 325 OR ASTM A 490	8	HRS	\$65.00	\$520.00
6	ENGINEERING REPORT & REVIEW	1	LUMP SUM	\$600.00	\$600.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				
	TOTAL COST FOR THIS SECTION				\$3,070.00
A-19	STRUCTURAL WELDING & BOLTING TESTING SERVICE CONTINGENCY	QTY	UNIT	UNIT RATE	AMOUNT

	<i>Additional Inspection and Testing Services listed above which are beyond the control of the Testing & Inspection Consultant</i>				
1	FIELD ENGINEER ON SITE INSPECTION AND / OR TESTING	10	HRS	\$65.00	\$650.00
2	ENGINEERING REPORT & REVIEW	1	LUMP SUM	\$100.00	\$100.00
3	ADDITIONAL LABORATORY TESTING	1	TEST	\$1.00	\$1.00
	TOTAL COST OF TPIP SERVICE (if any) FOR THIS SECTION				
	TOTAL COST FOR THIS SECTION				\$751.00
	TPIP FIRE PROTECTION SERVICE				
B-1	A. FIRE PROTECTION INSPECTION	QTY	UNIT	UNIT RATE	AMOUNT
	<i>Field observation and testing of welds & bolted connections</i>				
1	FIELD ENGINEER	10	HRS	\$120.00	\$1,200.00
2	VISUAL INSPECTION OF SYSTEM FOR QUALITY, INTEGRITY, AND CONFORMANCE	4	HRS	\$120.00	\$480.00
	TOTAL COST FOR THIS SECTION				\$1,680.00
	TPIP FIRE PROTECTION SYSTEM SERVICE				
B-2		QTY	UNIT	UNIT RATE	AMOUNT
	<i>Field observation and testing of fire protection</i>				
1	FIELD ENGINEER	10	HRS	\$120.00	\$1,200.00

2	VISUAL INSPECTION OF SYSTEMS FOR QUALITY, INTEGRITY, AND CONFORMANCE	8	HRS	\$120.00	\$960.00
	TOTAL COST FOR THIS SECTION				\$2,160.00
TPIP ELECTRICAL SYSTEM					
C-1		QTY	UNIT	UNIT RATE	AMOUNT
	<i>Field observation and testing of</i>				
1	FIELD ENGINEER	20	HRS	\$100.00	\$2,000.00
2	VISUAL INSPECTION FOR QUALITY, INTEGRITY, AND CONFORMANCE	10	HRS	\$100.00	\$1,000.00
2	TPIP Code and Compliance Inspections (NOT ON THE BID)	18	HRS	\$100.00	\$1,800.00
	TOTAL COST FOR THIS SECTION				\$4,800.00
TPIP MECHANICAL SYSTEM SERVICE					
D-1		QTY	UNIT	UNIT RATE	AMOUNT
	<i>Field observation and testing</i>				
1	FIELD ENGINEER	20	HRS	\$100.00	\$2,000.00
2	VISUAL INSPECTION FOR QUALITY, INTEGRITY, AND CONFORMANCE	10	HRS	\$100.00	\$1,000.00
2	TPIP Code and Compliance Inspections (NOT ON THE BID)	6	HRS	\$100.00	\$600.00
	TOTAL COST FOR THIS SECTION				\$3,600.00

E-1	CONTINGENCY	QTY	UNIT	UNIT RATE	AMOUNT
	<i>Additional Inspection and Testing Services listed above which are beyond the control of the Testing & Inspection Consultant</i>				
1	FIELD ENGINEER - ON SITE INSPECTION AND / OR TESTING	40	HRS		\$0.00
2	ENGINEERING REPORT & REVIEW	5	HRS		\$0.00
3	MORTAR CUBE TESTING (Compressive Strength ASTM C 780, 1 SET OF 3)	1	SETS		\$0.00
4	GROUT CYLINDER (Compressive Strength ASTM C 1019, 1 SET OF 3)	1	SETS		\$0.00
5	ADDITIONAL LABORATORY TESTING	1	SETS		\$0.00
	TOTAL COST FOR THIS SECTION				\$0.00
E-2	REIMBURSABLE EXPENSES	QTY	UNIT	UNIT RATE	AMOUNT
1	PROJECT MANAGER/ENGINEER	1	LUMP SUM	\$0.00	\$0.00
2	PREPARE REPORTS, CORRESPONDENCE, RFI'S, REVIEW PHOTO AND DOCUMENTATION	1	LUMP SUM	\$2,500.00	\$2,500.00
3	TRAVEL TIME AND EXPENSES	0	HRS	\$100.00	\$0.00
4	MILAGE EXPENSES	1267	MILES	0.60	\$760.20
5	MISCELLANEOUS EXPENSES	1	LUMP SUM	\$0.00	\$0.00
	Total				\$3,260.20