

NORTH PENN SCHOOL DISTRICT

Lansdale, PA 19446

Liquid Propane Gas (LPG) Storage and Maintenance 2019

Bid Summary

The North Penn School District is hereby soliciting bids to submit bids for: Liquid Propane Gas (LPG) Storage

All bids shall be submitted on the enclosed district forms. The sealed bid proposal package should also include:

- A Bid Bond or Certified Check for 10% of the total bid price.
- Completed and notarized Non Collusion Affidavit.
- Completed and notarized Vendor's Qualification Statement.
- 3 Signed copies (1 original and 2 photocopy)

The North Penn School District is exempt from Pennsylvania state sales tax.

Installation of the LPG Storage tank must occur between June 1, 2019 and August 1, 2019.

All interested providers must attend a **pre-submission** meeting held at North Penn High School, 1340 Valley Forge Road, Lansdale, PA 19446, on **Thursday, April 11, 2019, at 3:00 p.m.**

Sealed bids will be accepted for the **LPG Services Bid 2019 until April 23, 2019, at 2:00 p.m.**, at the Educational Service Center, 401 E. Hancock St., Lansdale, PA. At which time the bids will be publicly opened.

All questions regarding this bid should be directed to:

Kristin Johnson
Assistant Director of Business Administration
401 E. Hancock St.
Lansdale, PA 19446
johnsok@npenn.org
215-853-1015

GENERAL CONDITIONS

I. BID PROPOSAL PROCEDURE

Pursuant to the "Notice to Bidders," sealed proposals for the work will be received by the North Penn School District at the Administration Building, 401 E. Hancock Street, Lansdale, PA 19446 and then publicly opened and read aloud. The award of the Contract, if made, will be announced by the Board of School Directors soon thereafter as practicable. Sealed bids will be **opened on Tuesday, April 23, 2019 at 2:00 p.m.** at 401 E. Hancock Street, Lansdale, PA 19446.

All proposals shall be submitted in a sealed envelope and clearly marked on the outside, "LPG Services Bid". Proposals should be delivered to Kristin Johnson at 401 E. Hancock St., Lansdale, PA 19446. The envelope shall be labeled as to what proposal is contained within and the name of the company submitting the bid. Only proposals which are submitted on the attached proposal forms will be considered. No proposals will be considered which have not been received by the School District prior to the hour and date designated. If the proposal is sent by mail, the sealed envelope marked in accordance with instructions above shall be enclosed in an additional mailing envelope.

Each proposal shall be duly signed by an authorized representative of the bidding company.

II. SCHEDULE

- A. Pre-bid meeting: April 11, 2019, at 3:00 p.m. – NPHS
- B. Bids received by North Penn School District: April 23, 2019, at 2:00p.m. - ESC
- C. Award announcement: May 7, 2019
- D. Construction work: June 1, 2019 through August 1, 2019
- E. Supply of fuel: Upon completion of installation (estimated August 1, 2019) through June 30, 2020

III. BID SECURITY

Each proposal shall be accompanied by a Proposal Guarantee in the form of:

- A. Certified Check or Cashier's Check made payable to the owner in the sum of Ten Percent (10%) of the Proposal.
- B. Bid Bond in the amount of Ten Percent (10%) of the Base Bid Proposal. Attorney in fact who signs bonds must file with each bond certificate and effectively dated copy of their Power of Attorney.
- C. All Proposal Guarantees will be returned within three (3) days after the Contract(s) has been awarded, except those of the bidder(s) to whom the Contract(s) were awarded. The Proposal Guarantees of those bidders will be returned when the Contract is executed or when the matter has been disposed of by the Owner, except when the Proposal Guarantee has been forfeited as liquidated damages.

IV. SUBMISSION OF BIDS

The price bid shall cover all cost of any nature growing out of the work. In explanation, but not in limitation thereof, these costs shall include the cost of equipment and all else necessary to perform and complete the order.

V. ACCEPTANCE OF PROPOSAL & AWARD OF CONTRACT

- A. Award of the Contract will be made to the lowest responsive, responsible bidder as determined by the North Penn School District. The School District reserves the right to waive informalities and irregularities in the Bid Submission, if said waivers are in the best interest of the School District, and the unqualified right to reject all bids.

- B. Bids shall remain firm for 60 days from date of bid opening and cannot be withdrawn during this period.
- C. The Owner reserves the right to accept or reject any or all bids under any Contract for a period up to sixty (60) days after receipt of bids.
- D. The successful bidder will be issued a purchase order by the School District to provide the product specified. This purchase order, combined with the successful bidder's Bid Proposal and his submission to the School District of insurance certificates and performance bond as requested in the Special Conditions, will constitute a binding contract between both parties.
- E. Owner reserves the right to award bid to the lower responsive and responsible bidder for Liquid Propane Gas (LPG) Commodity, Storage, Maintenance & Delivery Services and any noted alternate prices.

VI. CONDITIONS OF THE CONTRACT

- A. The bidder agrees that if awarded the contract for the work herein specified, he will not assign, transfer or sublet the contract or purchase order. He must own or direct an established company, currently active in performing the type of work specified.
- B. The bidder agrees that if awarded the contract, the product shall be subject to inspections by qualified personnel of the School District. Any non-conformity with the specifications shall be replaced or reworked by the contractor, at the sole discretion of the Owner.
- C. The bidder does hereby agree that if awarded the contract, he will indemnify and hold harmless the North Penn School District, the School Board Directors, its members, the Secretary and the District Superintendent from all suits and actions of every nature and description brought against them or any of them growing out of any contractor contracts, written or verbal, entered into between the successful bidder and the School District.
- D. Installation of the infrastructure will be coordinated with the Manager of Transportation and the Business Manager to be installed no earlier than June 1, 2019 and no later than August 1, 2019.

VII. PENNSYLVANIA PREVAILING WAGE RATES

- A. The general provisions of the Pennsylvania Prevailing Wage Act, approved August 15, 1961, as amended are applicable to contracts for construction, reconstruction, demolition, alternation and/or repair work other than maintenance work, exceeding \$25,000.00. If your bid exceeds \$25,000.00, the general provisions of the Pennsylvania Prevailing Wage Act as set forth in the following paragraph shall apply to this project.
 - B. The general prevailing minimum wage rates including contributions for employee benefits as shall have been determined by the Secretary of Labor and Industry (hereinafter "Secretary") must be paid to the workmen employed in the performance of the Contract. Please find the prevailing wages on Attachment A.
- C. The Contractor shall pay no less than the wage rates as determined in the decision of the Secretary and shall comply with the conditions of the Pennsylvania Prevailing Wage Act approved August 15, 1961 (Act No. 442), as amended August 9, 1963 (Act No. 342), and the Regulations issued pursuant thereto, to assure the full and proper payment of said rates.
- D. These Contract provisions shall apply to all work performed on the Contract by the Contractor and to all work performed on the contract by all subcontractors.
- E. The Contractor shall insert in each of his subcontracts all of the stipulations contained in these required provisions.
- F. No workmen may be employed on the Work except in accordance with the classifications set forth in the decision of the Secretary. In the event that additional or different classifications are necessary the procedure set forth in the Regulations shall be followed.
- G. All workmen employed or working on the Work shall be paid unconditionally, regardless of whether any contractual relationship exists or the contractual relationship which may be alleged to exist between any contractor, subcontractor and workmen, not less than once a week without deductions or rebate, on any account, either directly or indirectly, except authorized deductions, the full amount due at the time of payment, computed at the rates applicable to the time worked in the appropriate

classification. Nothing in this Contract, the Act or the Regulations shall prohibit the payment of more than the general prevailing minimum wage rates as determined by the Secretary to the workmen on the Work.

- H. The Contractor and each subcontractor shall post for the entire period of construction the wage determination decisions of the Secretary, including the effective date of any changes thereof, in a prominent and easily accessible place or places at the site of the work and at such place or places used by them to pay workmen their wages. The posted notice of wage rates must contain the following information:
- Name of Project
 - Name of public body of which it is constructed
 - The crafts and classification of workmen listed in the Secretary's general prevailing minimum wage rate determination for the particular project
 - The general prevailing minimum wage rates determined for each craft and classification and the effective date of any changes.
 - A statement advising workmen that if they have been paid less than the general prevailing minimum wage rate for their job classification or that the Contractor and/or subcontractor are not complying with the Act or the Regulations in any manner whatsoever, they may file a protest with the Secretary within three (3) months of the date of the occurrence, objecting to the payment to the Contractor to the extent of the amount or amounts due or to become due to them as wages for work performed on the Project. Any workmen paid less than the rate specified in the Contract shall have a civil right of action for the difference between the wage paid and wages stipulated in the Contract, which right of action must be exercised within six (6) months from the occurrence of the event creating such right.
- I. The Contractor and all subcontractors, shall keep an accurate record showing the name, craft and/or classification, number of hours worked per day, and the actual hourly rate of wage paid (including employee benefits) to each workman employed by him in connection with the Work and such record must include any deductions from each workman. The record shall be preserved for two (2) years from the date of payment and shall open at all reasonable hours to the inspection of the Owner and to the Secretary or his duly authorized representative.
- J. Apprentices shall be limited to such numbers as shall be in accordance with a bona fide apprenticeship program registered with and approved by the Pennsylvania Apprenticeship and Training Council and only apprentices whose training and employment are in full compliance with the provisions of the Apprenticeship and Training Act approved July 14, 1961 (Act No. 304) and the Rules and Regulation issued pursuant thereto shall be employed on the Work. Any workmen using the tools of a craft who does not qualify as an apprentice within the provisions of this submission shall be paid the rate predetermined for journeyman in that particular craft and/or classification.
- K. Wages shall be paid without any deductions except authorized deductions. Employers not party to a contract requiring contributions for employee benefits which the Secretary has determined to be included in the general prevailing minimum wage rate shall pay the monetary equivalent thereof directly to the workman.
- L. Payment of compensation to workmen for work performed on public work on a lump sum basis, or a piece work system, or a price certain for the completion of a certain amount of work, or the production of a certain result shall be deemed a violation of the Act and the Regulations, regardless of the average hourly earnings resulting therefrom.
- M. Prevailing Wage Certification: Each Contractor and each subcontractor shall file a statement each week and a final statement at the conclusion of the Work on the Contract with Owner, under oath, and in form satisfactory to the Secretary, certifying that all workmen have been paid wages in strict conformity with the provisions of the Contract as prescribed by the Regulations, or if any wages remain unpaid, to the amount of wages due and owing to each workman respectively.
- N. The provision of the Act and the Regulations are incorporated by reference in the Contract.
- O. Failure of the Contractor to comply with all requirement as set forth above may result in the withholding of payment to the Contractor.

VIII. SALES TAX

No charge will be allowed for federal, state, or municipal sales or excise taxes, for which the school district is exempt by law. The bid price shall be net and shall not include the amount of any such tax. Exemption certificates, if required, will be furnished on forms provided by the bidder.

IX. INSURANCE COVERAGE

On bids for Services involving the furnishing of labor, materials, and/or equipment, while said Services are being performed the successful bidder must maintain in full effect the following minimum insurance coverage:

- A. General Liability Insurance – General liability insurance coverages shall be provided by commercial general liability policy on an occurrence basis. The policy date or retroactive date shall predate the contract. The termination date of the policy or applicable extended reporting period shall be no earlier than the termination date of the contract or later if otherwise specified in this request for bid. Such shall be endorsed with a save harmless clause in favor of the North Penn School District, its officers, members, and employees
 - Bodily Injury: \$1,000,000 per occurrence/\$2,000,000 in aggregate
 - Property Damage: \$1,000,000 per occurrence/\$2,000,000 in aggregate
- B. Automobile Liability (Including owned, on-owned and hired vehicles).
 - Bodily Injury: \$1,000,000 single combined limit
 - Property Damage: \$1,000,000 single combined limit
- C. Workers' Compensation and Employers' Liability
 - Employers' Liability: \$500,0000 per occurrence/\$1,000,000 in aggregate
 - Statutory limits for Workers' Compensation
- D. If special hazards, such as might result from blasting, represent a possibility, these shall be covered by a rider to the policy or policies in an amount of not less than \$100,000.

Prior to the beginning of the Service, etc., to be performed, a certificate of insurance shall be furnished to the School District showing the insurance coverage required above. Contractor agrees to provide to District a certificate of insurance evidencing such coverage and designating District as an additional insured as its interest may appear for both the General and Automobile Liability programs, such certificate to be provided by July 1st of each Contract Year, or on renewal of such policies. All insurance policies shall provide that no coverage shall be canceled except by thirty (30) days' written notice to Contractor and District. Insurer shall maintain a minimum A.M. Best's & Company rating of A or Contractor shall obtain insurance from a company mutually agreed upon between Contractor and District. Upon request, Contractor shall provide District with a certificate of insurance as evidence of having statutory workers' compensation coverage at levels and in forms required by the laws in which Contractor shall operate for this Agreement. The Contractor shall assume full responsibility for loss of life and property, injuries to persons, including all employees of the Contractor or Subcontractors.

X. METHOD OF PAYMENT (INSTALLATION/SERVICE)

- A. Unless otherwise specified, the contractor will be paid in full when, in judgment of the School District, the product has been tested and accepted.
- B. Invoices shall be submitted to the School District of North Penn Administrative Office, Accounts Payable, 401 E. Hancock Street, Lansdale, PA 19446.

XI. METHOD OF PAYMENT (FUEL)

- A. The contractor must furnish delivery tickets with each fuel delivery. Payment will only be made on gallon information printed on metered tickets. Partial compartment deliveries, unless made by prior ticket, will not be accepted.
- B. Invoicing shall indicate the date of delivery, quantity of delivery, and pricing.
- C. No temperature correction factors shall be applied to the invoice.

XII. DISCRIMINATION PROHIBITED

According to Section 755, Public School Code of Pennsylvania, 1949 as amended, the contractor agrees:

- A. That in the hiring of employees for the performance of work under this contract, or any sub-contract hereunder, no contractor, subcontractor, nor any person acting on behalf of such contractor or sub-contractor, shall, by reason of race, creed or color, discriminate against any citizen who is qualified and available to perform the work to which the employment relates;
- B. That no contractor, sub-contractor, nor any person on his behalf, shall in any manner discriminate against or intimidate any employee hired for the performance of work under this contract on the account of race, creed or color;
- C. That there may be deducted from the amount payable to the contractor under this contract, a penalty of five dollars (\$5) for each person for each calendar day during which such person was discriminated against or intimidated, in violation of the provisions of this contract; and,
- D. That this contract may be canceled or terminated by the School District, and all money due or to become due hereunder may be forfeited, for a second or any subsequent violation of the terms and conditions of the contract.

XIII. ASBESTOS

In the event a contractor by virtue of his work for the District discovers asbestos, the contractor must immediately notify the District and perform no further work in connection with the asbestos. If directed by the District to remove the asbestos, the contractor must take all steps required by all federal, state, and local agencies regarding asbestos removal. The asbestos removal operations may be the subject of a change order or a supplemental contract to this contract, or a separate contract to another contractor as the District may determine. If a contractor fails to meet the requirements of the federal, state, and local regulations and these specifications related to the discovery, removal, and clean-up, the contractor shall be subject to immediate termination and the contractor shall be responsible for all costs and expenses related to the removal and cleanup of the asbestos including architect and engineering fees.

XIV. HUMAN RELATIONS ACT

The provisions of the Pennsylvania Human Relations Act, Act 222 of October 27, 1955 (P.L. 744) (43 P.S. Section 951 et. seq.) of the Commonwealth of Pennsylvania prohibit discrimination because of race, color, religious creed, ancestry, age, sex, national origin, handicap or disability, by employers, employment agencies, labor organizations, contractors and others. The contractor shall agree to comply with the provisions of this Act as amended that are made part of this specification. Your attention is directed to the language of the Commonwealth's non-discrimination clause in 16 PA Code 349.101.

XV. COMPETENT WORKERS

According to Section 752 of the Public School Code of 1949, no person shall be employed to do work under such contract except competent and first class workmen and mechanics. No workmen shall be regarded as competent and first class, within the meaning of this Act, except those who are duly skilled in their respective branches of labor, and who shall be paid not less than such hours by employers of organized labor in doing of similar work in the district where the work is being done.

XVI. CLARIFICATION OF STANDARD OF QUALITY

The various materials and products specified in the specifications by name or description are given to establish a standard of quality and cost for bid purposes. It is not the intent to limit the bidder, the bid or the evaluation of the bid to any one material or product specified but rather describes the minimum standard. When proprietary names are use, they should be followed by the words "or alternatives of the quality necessary to meet the specifications." A bid containing an alternative that does not meet the specifications may be declared non-responsive. A bid containing an alternative may be accepted but, if an award is made to that bidder, the bidder will be required to replace any alternatives which do not meet

the specifications. The bidder, upon request, shall submit samples for any or all items on which a price is quoted, within three (3) days after such request is made. These samples shall be plainly marked with the name of the product, the name of the bidder, and the item number as shown on the proposal form. Samples may be returned at the expense of the bidder. Also upon request, the bidder must supply, within three (3) days, a list of schools and/or businesses using the item indicated in their bid.

XVII. OWNER’S COMPLIANCE IN RETAINING PAYMENTS

On projects where it is considered to retain a portion of the amount of payment due the contractor, or to insure proper performance of the contract, refer to Act No. 317 of the 1978 General Assembly of Pennsylvania, approved November 26, 1978.

XVIII. COMPLIANCE WITH POLICY/LAW

Contractor shall comply with all policies, procedures and regulations of the District as established and amended from time to time as well as all applicable state and federal laws and regulations, including but not limited to the provisions of the Pennsylvania Right to Know Law, 65 P.S. 67.101 et seq., regarding possession of public records by agency contractors. In the event the District receives a request for access to a public record that is in the possession of Contractor, the District shall notify Contractor of the request and Contractor shall provide the District with the requested record in a timely manner so as to enable District compliance with the Pennsylvania Right to Know Law.

Contractor shall maintain and provide to the District a current Child Abuse History Clearance as provided by the Pennsylvania Department of Human Services, a satisfactory PA State Criminal History Report, and a Federal Criminal History Record Report (FBI Fingerprinting) for each individual engaged by Contractor to provide services who will have direct contact with children, including Contractor (if an individual).

Contractor agrees to comply with the provisions of Act 168 of 2014, Employment History Review Law and, to the extent applicable, Act 126 of 2012, Child Abuse Recognition and Reporting Training.

Signature	Title	Date
Printed Name		
Company Name	Address	
Phone Number	Fax Number	Email Address

North Penn School District
Lansdale, Pennsylvania 19446

Non-Collusion Affidavit

Instructions:

1. This Non-Collusion Affidavit is material to any contract awarded pursuant to this bid. According to the Pennsylvania Antibid-Rigging Act, 73 P.S. 1611 et sec., governmental agencies may require Non-Collusion Affidavits to be submitted together with bids.
2. This Non-Collusion Affidavit must be executed by the member, officer or employee of the bidder who makes the final decision on prices and the amount quoted in the bid.
3. Bid rigging and other efforts to restrain competition, and the making of false SWORN statement in connection with the submission of bids are unlawful and may be subject to criminal prosecution. The person who signs the Affidavit should examine it carefully before signing and assure himself or herself that each statement is true and accurate, making diligent inquiry, as necessary, of all other persons employed by or associated with the bidder with responsibilities for the associated approval or submission of the bid.
4. In the case of a bid submitted by a joint venture, each party to the venture must be identified in the bid documents, and an Affidavit must be submitted separately on behalf of each party.
5. The term "Complementary Bid" as used in the Affidavit has the meaning commonly associated with that term in the bidding process, and includes the knowing submission of bids higher than the bid of another firm, any intentionally high or non-competitive bid, and any other form of bid submitted for the purpose of giving a false appearance of competition.
6. Failure to file an Affidavit in compliance with these instructions may result in disqualification of the bid.

Non-Collusion Affidavit

For Bid for LPG Services Bid

State of _____ County of _____

I state that I am _____ of _____
(Title) (Name of my Firm)

and that I am authorized to make this affidavit on behalf of my firm, and its Owners, Directors, and Officers.
I am the person responsible in my firm for price(s) and the amount of this bid.

I state that:

1. The price(s) and amount of this bid have been arrived at independently and without consultation, communication or agreement with any other contractor, bidder or potential bidder.
2. Neither the price(s) nor the amount of this bid, and neither the approximate price(s) nor approximate amount of this bid, have been disclosed to any other firm or person who is a bidder or potential bidder, and they will not be disclosed before bid opening.
3. No attempt has been made or will be made to induce any firm or person to refrain from bidding on this contract, or to submit a bid higher than this bid, or to submit any intentionally high or non-competitive bid or other form of competitive bid.
4. The bid of my firm 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 non-competitive bid.
5. _____, its affiliates, subsidiaries, officers, directors, and employees are not currently
(name of my firm)
under investigation by any governmental agency and have not in the last four 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 on any public contract, except as follows:

I state that _____ understands and acknowledges that the above representations are material
(name of my firm)
and important, and will be relied on by North Penn School District in awarding the contract for which this bid is submitted. I understand and my firm understands that any misstatement in this affidavit is and shall be treated as fraudulent concealment from the North Penn School District of the true facts relating to the submission of bids for this contract.

(Name)

and

(Company Position)

SWORN TO AND SUBSCRIBED

BEFORE ME THIS _____ DAY

OF _____, 20____.

Notary Public

My Commission Expires

North Penn School District
Lansdale, PA 19446

Vendor's/Contractor's Qualification Statement

The Undersigned certified under oath the truth and correctness of all statements and of all answers to questions made hereinafter.

Submitted by:	_____	Corporation	_____
Name:	_____	Partnership	_____
Address:	_____	Individual	_____
Principal Office:	_____	Joint Venture	_____
Phone:	_____	Other	_____

1. How many years has your organization been in business as a vendor/contractor?

2. How many years has your organization been in business under its present business name?

3. If a corporation, answer the following:
 - a. Date of Incorporation: _____
 - b. State of Incorporation: _____
 - c. President's name: _____
 - d. Vice President's name(s): _____
 - e. Secretary's or Clerk's name: _____
 - f. Treasurer's name: _____
 - g. List names and address of all parties holding greater than 10% interest in the corporation.

4. Trade References:

5. Bank References:

6. Name of bonding company and name and address of agent:

7. Dated at

this _____ day of _____, 20____.

Name of Organization: _____

By: _____

Title: _____

8. _____ being duly sworn deposes and says that he/she is the
_____ of Vendor/Contractor and that answers to the foregoing questions
and all statements therein contained are true and correct.

Subscribed and sworn before me this _____ day of _____, 20_____.

Notary Public:

My commission Expires:

Vendor's Contractor's Qualification State Abbrev.

FORM OF PROPOSAL

To Owner:

NORTH PENN SCHOOL DISTRICT ADMINISTRATION BUILDING

Bid due date: April 23, 2019 Time: 2:00 p.m.

The undersigned, _____

(Name of Bidder)

After complete examination of specifications, form of Contract and Bond, hereby proposes to furnish all equipment, materials and labor for the project listed below, together with all incidents thereto, in accordance with the enclosed specifications which are understood as being part of this proposal.

NOTE: ALL AMOUNTS SHALL BE SHOWN IN BOTH WORDS AND FIGURES.

In case of a discrepancy, the amount shown in words will govern.

CONTRACT - NORTH PENN SCHOOL DISTRICT BID#

The undersigned hereby submits the name, _____, a corporation organized under the laws of the State of _____, as his surety if a contract be awarded him and a letter form said company stating that they will furnish a 100% Payment and Performance Bond.

The Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities in the bidding.

The Bidder agrees that this bid shall be good for a period of ninety (90) days after the scheduled closing time for receiving bids and my not be withdrawn during this period.

The undersigned does further agree, within eight (8) days of receipt of written notice of the acceptance of this bid, to execute the formal contract, bound in the specification and contract, and deliver a Surety Bond(s) as required by General Conditions.

The Bid Security is a bid bond, certified check or cashier's check attached in the sum of ten percent (10%) of base bid,

DOLLARS (\$ _____)

And is to become the property of the Owner in the event the contract bonds are not executed within the timeset forth, as liquidated damages for the delay and additional expense to the Owner caused thereby.

Bid Options	Bid Details	Total Cost
Option A	NEW LPG Tank Installation/Service Only	
Option B	LPG Fuel Purchase Only	
Option C	NEW LPG Tank Installation/Service & Fuel	

Respectfully submitted by:

COMPANY NAME CORPORATE OFFICER (SIGNATURE)

ADDRESS – Print Name

ADDRESS – 2nd line

FEDERAL TAX IDENTIFICATION NO.

PHONE: _____

FAX: _____

INFORMATION REQUESTED:

1. Location of the Vendor to the bus terminal.
2. Response time of the Vendor to the bus terminal in the event of an emergency or a required repair that could potentially disrupt service.
3. Ability of the Vendor to assist the School District with emergency re-fueling of vehicles directly from a fuel truck or through other available means in the event of a break down or loss of power at the bus terminal.
4. LPG fuel tank storage and dispensing options available to the District. Please indicate the cost of a new 18,000-gallon fuel tank for purchase and the fuel dispensing system from the Vendor.
5. Bid amount may be provided for one of three options: 1) tank installation/service only, 2) fuel supply only, or 3) tank installation/service and fuel supply.

NORTH PENNSCHOOL DISTRICT

Liquid Propane Gas (LPG) Fuel Request for Bid Specifications

The North Penn School District is seeking a qualified vendor/contractor for the District's Liquid Propane (LPG) fueled fleet of 14 school buses. The vehicles will be fueled at the Bus Depot. The District's total annual LPG consumption for these vehicles is estimated to be approximately 60,000 gallons, with the possibility of adding additional propane buses in the near future. The District expects delivery of six LPG 48-passenger vehicles, four 29-passenger vehicles, and four 78-passenger vehicles in the 2019 summer for implementation at the beginning of the 2019-2020 school year. The district anticipates purchasing an additional six propane vehicles during the 2019-2020 school year. Additional vehicles will be added to the LPG fleet over a period of ten (10) years through attrition.

Fuel supply is a critical element to the District making this "green" alternative fuel program a success and seeks to contract with a qualified LPG fuel supplier to cost effectively deliver and to manage the LPG fuel supply. The LPG fuel supplier shall recommend and provide vehicle refueling options as determined to the best suited for the specific operation location and conditions.

The District is looking for prospective LPG fuel suppliers to provide innovative pricing options for the LPG fuel equipment at the bus terminal location.

- The qualified LPG fuel contractor must provide a comprehensive LPG fueling solution including all equipment, equipment installation, training, ongoing support, and maintenance.
- The qualified LPG fuel contractor will be responsible for all technical and professional services required to obtain and to maintain compliant on-site refueling operations including but not limited to: site survey(s), drawings, all necessary and required permit applications, Fire Safety Analysis (FSA), inspections, certifications, controls, protection and equipment. Equipment furnished under this specification shall be the latest improved model in current production, as offered to commercial trade and shall be of highest quality workmanship and material. The qualified LPG fuel contractor will ensure that all equipment offered under this specification will, through the term of this agreement, remain in good working order and shall be in compliance with the current Liquefied Petroleum Gas (LPG) Safety Rules, National Fire Protection Association (NFPA-58) safety codes and all other applicable Federal, State and Local Codes or Regulations.
- The qualified LPG fuel contractor's proposal shall include the required LPG fuel equipment.
- The qualified LPG fuel vendor will be responsible for all maintenance, repairs and ongoing compliance associated with the LPG fuel equipment. The District will be responsible for fencing (not trenching) installation and maintenance.
- It is the District's desire to lock in the price of the LPG fuel through June 30, 2020. The district anticipates fuel deliveries to start upon completion of the installation, approximately August 1, 2019. The qualified LPG fuel contractor's proposal may include the LPG fuel supply, 60,000 \pm 10%. Pricing exceeding requested fuel supply will be at the current market price of propane as established by Mont Belvieu, TX propane spot pricing. This price must be verified by producing invoicing from the wholesaler or the contractor's supplier indicating the current market price. Differential costs shall be added to the market price. The differential shall include all additional

costs, profits and delivery. The differential price shall be indicated in the proposal.

Propane Autogas Dispenser Specifications

The following are the minimum specifications, from the Propane Education and Research Council (PERC), to ensure positive end-user experiences with the installation and operation of propane autogas dispensing equipment. The District will require that all installed equipment will meet or exceed these specifications.

- Meets all necessary federal, state, and local codes and regulations.
- Delivers fuel to end-users similar to those using gasoline.
- Will be the correct dispenser for the type of vehicle that will be filled. (Quick Connect)
- Provides propane autogas powered vehicle operators a safe, reliable refueling option.
- Fueling capacity for two vehicles at the same time.

System performance requirements:

- Dispensing rate minimum of 12 gallons per minute (GPM).
- Pump package (motor, pump, bypass, piping, system sizing, and electrical) must be able to provide adequate differential pressure (minimum 145 psig) based on vehicle type, geographic location, and climate conditions.
- Location of dispensing station and proximity to the pump package impacts performance and shall be considered as to its impact to the performance of the entire system.
- Vehicle fueling area (ground where vehicle is parked) should be reasonably level to allow for complete fuel fills.

Equipment Requirements:

- **Dispenser cabinet:**
 - o Shall be constructed of nonflammable, noncombustible materials; including but not limited to powder coat steel, stainless steel, aluminum, or equivalent materials.
 - o Shall meet all federal, state, and local codes and regulations applicable at the installation location.
 - o Shall be constructed with lockable access panels to prevent tampering.
 - o Shall provide separation of the base classified area from the non-classified area (above 48") by a permanent seal.
- **Dispenser metering:**
 - o Shall have a digital display capable of providing gross or net volumes.
 - o Where required, temperature compensation shall be provided and meet all federal, state, and local codes and regulations; dispenser meter shall be provided with secondary temperature thermometer well for testing and proving (checking the accuracy/calibrating) the meter.
 - o The metering system selected must have a minimum capacity sufficient to meet the performance standard listed in the System performance requirements section.
 - o If you are using an electronic dispensing system, it shall be equipped with a pulse transmitter providing a minimum of 100 pulses per gallon (PPG) for retail sales and/or custody transfer.
 - o Dispenser must be all encompassing including fuel management and cellular capability.
 - o The Vendor shall provide all required cables, hardware and software to tie into the District's Fuel Management System.
 - o The District shall provide the contact information for the existing fuel management system.
 - o Meter accuracy shall be in accordance with federal, state, and local codes and regulations, with a minimum accuracy of $\pm 0.6\%$ (.006) linearity and $\pm 0.24\%$ (.0024) repeatability when dispenser is used for retail sales and/or custody transfer.
 - o The meter shall be inspected prior to operation to ensure compliance with state weights and measure standards applicable at the location of installation when dispenser is used for retail sales and/or custody transfer.
- **Dispenser display:**
 - o Shall indicate gallons dispensed, with mechanical or electronic register.
 - If equipment is mechanical, indicate gallons dispensed and totalizer display.

- If equipment is electronic, indicate gallons dispensed, net or gross gallons, dispenser may include display with an alpha numeric keypad for ease of entering data.
- **Electrical requirements:**
 - All electrical installations shall be performed by a licensed, bonded electrician with motor control experience to ensure compliance with all federal, state, and local codes and regulations at the location of installation.
 - Dispenser and all internal electrical components shall be wired in full compliance with the manufacturer's specifications. Electrical components contained within the dispenser cabinet, where required, shall be Class 1 Group D Division 1 or Division 2, and be provided with all required seal off devices.
 - Distance must be considered when selecting service wire sizing to meet necessary voltage and amperage requirements of the motor manufacturer.
 - The motor for the pump must meet requirements for Class 1 Group D Division 1 or Division 2, and be provided with all required seal off devices.
 - A properly sized Variable Frequency Drive (VFD) unit shall be provided to act as motor starter.
 - An identified Emergency Stop switch for the motor and dispenser shall be installed not less than 20 feet or more than 100 feet to shut off the power.
 - North Penn School District will provide all required electricity at their cost to operate the fuel system. North Penn School District will have single and three phases of power available. North Penn School District will have 100 Amps to work with, and they will provide the power necessary to operate the fuel system. The distance from the terminal building to the tank pad location will be approximately 50 feet.
- **Piping, valves, and fittings:**
 - All piping within the dispenser cabinet shall be A53 Grade B or better, schedule 80 on all threaded connections (A106 Grade B SCH 40 for welded connections) or approved equivalent materials.
 - All threaded and welded fittings shall be forged steel, brass or other materials approved for use with liquid propane.
 - All threaded fittings and valves shall be minimum 400 PSIG water, oil, or gas (WOG) rated.
 - Ball valves shall be full port for liquid propane service.
 - Internal valves, excess flow valves, and backflow check valves shall be installed in appropriate locations in accordance with federal, state, and local codes and regulations.
 - Hydostatic relief valves shall be installed where required.
 - Inlet piping to pump shall be at a minimum the same size as the pump inlet connection and shall be installed so that it is level or pitched toward the pump inlet.
 - Bypass valve piping shall be at a minimum the same diameter as the bypass valve connections.
 - Fuel supply contractor shall instruct fuel delivery personnel to inspect piping system at every delivery to verify integrity of piping system
- **Hose assembly:**
 - UL and CGA propane delivery hose shall be continuously marked "LP-GAS 350 PSI WP, 1750 burst pressure", maximum 18' length per NFPA 58 code.
 - Hose assembly shall have a UL 567 compliant hose breakaway device.
 - Fueling nozzle shall be quick connect or Euro style with quick-acting shutoff, low emission release, and failsafe discharge feature.
 - Compatible with the dispensing device locking mechanism.
 - Fuel supply contractor shall instruct fuel delivery personnel to inspect hose at every delivery to verify integrity of hose and hose assembly

- **Pump system and pump assembly:**
 - Dispenser provider shall evaluate the filling requirements and provide the appropriate pump and motor to meet these requirements. LPG fuel vendor shall provide as a minimum pump curves showing flow, differential pressure, and break horsepower required to meet system needs.
 - The District requires a minimum differential pressure of 145 PSIG.
 - Pump inlet strainer (minimum 80 mesh Stainless Steel screen) or any restrictions shall be a minimum of 10 pipe diameter from the pump inlet. Pump manufacturer's installation instructions shall be followed.
 - Pump inlet and outlet shall have isolation full port ball valves.
 - Pump inlet and outlet shall have isolation ball valves.
 - Liquid filled gauges shall be provided on the inlet and outlet sides of the pump to verify pump performance and system diagnostics.
 - The supplied motor shall meet the necessary horsepower required and have the proper NEMA classification for the installation.
 - Motor shall be mounted via a C-Face adapter and flexible coupling and shall be verified for proper alignment.
 - A properly sized bypass valve shall be installed and shall be field set to provide proper differential pressure.
 - Bypass valve discharge shall be piped to vapor space of tank.
 - A stainless steel flexible connector shall be installed to isolate the pump and minimize vibration.
 - Fuel supply contractor shall instruct fuel delivery personnel to inspect pump assembly at every delivery to verify integrity and suitability of pump

- **In-line fuel filter:**
 - Filter capable of filtering particles measuring 5 microns should be used.
 - Filter should be placed after the propane autogas pump, to filter the stored fuel prior to entering the vehicle.
 - Filter shall have pressure gauges on the inlet and outlet to determine pressure drop and filter condition.
 - Filter element shall be replaced by the vendor after the first week of service.
 - Isolating valves and unions shall be installed on the inlet and outlet to allow servicing of the filter.
 - Fuel supply contractor shall instruct fuel delivery personnel to inspect the in-line fuel filter at every delivery to verify integrity and suitability of filter

- **Tank assembly:**
 - Tank selected must be suited for the application intended and meet all Federal, State and Local requirements.
 - A new tank should be used to prevent foreign material from entering the vehicle system.
 - Container provided shall be equipped with a minimum of one (1) 2" or larger bottom liquid connection sufficient to supply the pump at the pump manufacturer's recommended volume.
 - The container shall be equipped with a suitable vapor connection for the pump bypass.
 - The container shall be equipped with a suitable vapor connection for the meter vapor eliminator from the meter to operate properly. This opening must be separate from the pump bypass connection.
 - Tank shall be equipped with the proper liquid level gauge, relief valve, fill valve and any other appurtenances required by federal, state or local code.
 - All required signs, decals and markings shall be provided.
 - Fuel supply contractor shall instruct fuel delivery personnel to inspect the tank assembly at every delivery to verify integrity and suitability of the tank and tank

appurtenances

- **Installation foundation:**
 - Tank and dispensing unit shall either be mounted on a concrete or masonry foundation unless it is part of a complete storage and dispensing unit supported on a common base to prevent uneven settling and stress on piping.
 - The tank shall be installed so that it is level.
 - North Penn School District will install or pay for the cost of installing a concrete pad and the required crash safety protection equipment surrounding the tank location. The District will make the final determination on the size of the fuel tank(s) with the selected Vendor.

Emergency Shut Off System

- Vendor shall provide for a complete system to provide for remote closure of tank internal valve or tie in with the existing system.
- System can be designed to operate on Nitrogen, Carbon Dioxide or Dry Air.
- Vendor shall provide properly sized regulator for the operation of internal valve
- All pneumatic tubing shall be UV resistant
- An identifiable and readily accessible remote emergency shut off device shall be installed no closer than 3 feet and not further than 100 feet from the vehicle fueling location.
- Fuel supply contractor shall minimally, on a quarterly basis test and verify the performance of the Emergency Shut Off System

Additional information:

- Any compatible fuel management system may be used. Fuel management systems may include, but are not limited to the vehicle fuel usage, vehicle number, driver ID, mileage, gallons delivered, or any other information suitable to the District's needs.
- If the dispenser is used for retail sales, it must be an approved device for its intended purpose.
- Optional equipment and upgrades may include, but are not limited to:
 - Dispenser display with an alpha numeric key pad for ease of entering data.
 - Painted surface of dispenser shall be protected from damage from the breakaway system with an aluminum 12" x 14" wear plate.

Warranty

- Vendor shall warrant the system to be free of defects and leaks for a period of two (2) years from the date of first use.

ATTACHMENT A

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project Name:	LPG Storage Tank
Awarding Agency:	North Penn School District
Contract Award Date:	5/1/2019
Serial Number:	19-02285
Project Classification:	Building/Heavy
Determination Date:	3/18/2019
Assigned Field Office:	Philadelphia
Field Office Phone Number:	(215)560-1858
Toll Free Phone Number:	
Project County:	Montgomery County

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 19-02285 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Asbestos & Insulation Workers	5/29/2017		\$47.30	\$34.85	\$82.15
Asbestos & Insulation Workers	5/1/2018		\$49.30	\$35.85	\$85.15
Boilermaker (Commercial, Institutional, and Minor Repair Work)	3/1/2017		\$28.52	\$18.22	\$46.74
Boilermaker (Commercial, Institutional, and Minor Repair Work)	3/1/2018		\$29.52	\$18.22	\$47.74
Boilermaker (Commercial, Institutional, and Minor Repair Work)	1/1/2019		\$29.26	\$18.48	\$47.74
Boilermakers	1/1/2018		\$46.26	\$33.36	\$79.62
Boilermakers	3/1/2018		\$45.89	\$33.73	\$79.62
Boilermakers	1/1/2019		\$45.51	\$34.11	\$79.62
Bricklayer	5/1/2017		\$40.98	\$26.78	\$67.76
Bricklayer	5/1/2018		\$43.73	\$26.78	\$70.51
Bricklayer	5/1/2019		\$46.48	\$26.78	\$73.26
Carpenter - Chief of Party (Surveying & Layout)	5/1/2020		\$48.18	\$27.59	\$75.77
Carpenter - Chief of Party (Surveying & Layout)	5/1/2019	4/30/2020	\$47.00	\$27.59	\$74.59
Carpenter - Chief of Party (Surveying & Layout)	5/1/2018	4/30/2019	\$45.83	\$27.59	\$73.42
Carpenter - Chief of Party (Surveying & Layout)	5/1/2017		\$45.25	\$27.59	\$72.84
Carpenter - Instrument Person (Surveying & Layout)	5/1/2020		\$41.90	\$27.59	\$69.49
Carpenter - Instrument Person (Surveying & Layout)	5/1/2019	4/30/2020	\$40.87	\$27.59	\$68.46
Carpenter - Instrument Person (Surveying & Layout)	5/1/2018	4/30/2019	\$39.85	\$27.59	\$67.44
Carpenter - Instrument Person (Surveying & Layout)	5/1/2017		\$39.35	\$27.59	\$66.94
Carpenter - Rodman (Surveying & Layout)	5/1/2017		\$19.68	\$19.64	\$39.32
Carpenter - Rodman (Surveying & Layout)	5/1/2018	4/30/2019	\$19.93	\$19.49	\$39.42
Carpenter - Rodman (Surveying & Layout)	5/1/2019	4/30/2020	\$20.44	\$19.49	\$39.93
Carpenter - Rodman (Surveying & Layout)	5/1/2020		\$20.95	\$19.49	\$40.44
Carpenters	5/1/2020		\$41.90	\$27.59	\$69.49
Carpenters	5/1/2019	4/30/2020	\$40.87	\$27.59	\$68.46
Carpenters	5/1/2017		\$39.35	\$27.59	\$66.94
Carpenters	5/1/2018	4/30/2019	\$39.85	\$27.59	\$67.44
Cement Masons	5/1/2017		\$36.45	\$31.76	\$68.21
Cement Masons	5/1/2018		\$37.50	\$32.26	\$69.76
DockBuilder/Pile Drivers (Building, Heavy & Highway)	5/1/2018		\$43.45	\$34.47	\$77.92
Dockbuilder/Piledriver (Building, Heavy, Highway)	5/1/2018		\$44.70	\$33.22	\$77.92
Dockbuilder/Piledriver (Building, Heavy, Highway)	11/1/2017		\$43.45	\$33.22	\$76.67
Drywall Finisher	5/1/2018	4/30/2019	\$39.27	\$27.49	\$66.76
Drywall Finisher	5/1/2017		\$37.11	\$26.75	\$63.86
Electricians	4/29/2018		\$46.89	\$36.52	\$83.41
Electricians	4/30/2017		\$45.16	\$35.25	\$80.41
Elevator Constructor	1/1/2018		\$55.76	\$33.05	\$88.81
Floor Layer	5/1/2018		\$43.11	\$28.09	\$71.20
Floor Layer	5/1/2017		\$42.51	\$27.91	\$70.42
Glazier	5/1/2018	4/30/2019	\$43.32	\$32.33	\$75.65
Glazier	5/1/2017		\$41.30	\$31.80	\$73.10
Iron Workers	7/1/2018		\$48.80	\$34.16	\$82.96

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 19-02285 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Iron Workers	7/1/2017		\$47.30	\$32.91	\$80.21
Iron Workers - Reinforcing Steel Mesh - Rebar	7/1/2017		\$42.56	\$29.30	\$71.86
Iron Workers (Riggers)	7/1/2017		\$39.83	\$27.92	\$67.75
Laborers (Class 01 - See notes)	5/1/2017		\$28.65	\$24.95	\$53.60
Laborers (Class 02 - See notes)	5/1/2017		\$30.85	\$25.65	\$56.50
Laborers (Class 03 - See notes)	5/1/2017		\$28.92	\$25.18	\$54.10
Laborers (Class 04 - See notes)	5/1/2017		\$28.95	\$24.95	\$53.90
Laborers (Class 05 - See notes)	5/1/2017		\$28.65	\$24.95	\$53.60
Landscape Laborer	5/1/2017		\$22.71	\$23.08	\$45.79
Marble Finisher	5/1/2017		\$35.55	\$24.17	\$59.72
Marble Finisher	5/1/2018		\$37.55	\$24.17	\$61.72
Marble Finisher	5/1/2019		\$39.75	\$24.17	\$63.92
Marble Mason	5/1/2017		\$40.36	\$26.99	\$67.35
Marble Mason	5/1/2018		\$43.11	\$26.99	\$70.10
Marble Mason	5/1/2019		\$45.86	\$26.99	\$72.85
Millwright	7/1/2017		\$41.35	\$32.24	\$73.59
Millwright	5/1/2018		\$43.33	\$32.96	\$76.29
Operators (Building, Class 01 - See Notes)	5/1/2017		\$44.87	\$28.14	\$73.01
Operators (Building, Class 01 - See Notes)	5/1/2021		\$51.04	\$29.97	\$81.01
Operators (Building, Class 01 - See Notes)	5/1/2019		\$47.95	\$29.06	\$77.01
Operators (Building, Class 01 - See Notes)	5/1/2018		\$46.41	\$28.60	\$75.01
Operators (Building, Class 01 - See Notes)	5/1/2020		\$49.50	\$29.51	\$79.01
Operators (Building, Class 01A - See Notes)	5/1/2018		\$49.41	\$29.49	\$78.90
Operators (Building, Class 01A - See Notes)	5/1/2019		\$50.96	\$29.94	\$80.90
Operators (Building, Class 01A - See Notes)	5/1/2020		\$52.50	\$30.40	\$82.90
Operators (Building, Class 01A - See Notes)	5/1/2021		\$54.05	\$30.85	\$84.90
Operators (Building, Class 01A - See Notes)	5/1/2017		\$47.86	\$29.03	\$76.89
Operators (Building, Class 02 - See Notes)	5/1/2018		\$46.16	\$28.53	\$74.69
Operators (Building, Class 02 - See Notes)	5/1/2019		\$47.70	\$28.99	\$76.69
Operators (Building, Class 02 - See Notes)	5/1/2020		\$49.25	\$29.44	\$78.69
Operators (Building, Class 02 - See Notes)	5/1/2021		\$50.80	\$29.89	\$80.69
Operators (Building, Class 02 - See Notes)	5/1/2017		\$44.62	\$28.07	\$72.69
Operators (Building, Class 02A - See Notes)	5/1/2018		\$49.16	\$29.42	\$78.58
Operators (Building, Class 02A - See Notes)	5/1/2019		\$50.71	\$29.87	\$80.58
Operators (Building, Class 02A - See Notes)	5/1/2020		\$52.26	\$30.31	\$82.57
Operators (Building, Class 02A - See Notes)	5/1/2021		\$53.81	\$30.77	\$84.58
Operators (Building, Class 02A - See Notes)	5/1/2017		\$47.61	\$28.97	\$76.58
Operators (Building, Class 03 - See Notes)	5/1/2020		\$45.17	\$28.24	\$73.41
Operators (Building, Class 03 - See Notes)	5/1/2018		\$42.07	\$27.33	\$69.40
Operators (Building, Class 03 - See Notes)	5/1/2017		\$40.53	\$26.87	\$67.40
Operators (Building, Class 03 - See Notes)	5/1/2021		\$46.71	\$28.69	\$75.40
Operators (Building, Class 03 - See Notes)	5/1/2019		\$43.62	\$27.78	\$71.40
Operators (Building, Class 04 - See Notes)	5/1/2017		\$40.24	\$26.78	\$67.02
Operators (Building, Class 04 - See Notes)	5/1/2019		\$43.32	\$27.69	\$71.01

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 19-02285 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators (Building, Class 04 - See Notes)	5/1/2020		\$44.86	\$28.14	\$73.00
Operators (Building, Class 04 - See Notes)	5/1/2021		\$46.41	\$28.60	\$75.01
Operators (Building, Class 04 - See Notes)	5/1/2018		\$41.78	\$27.22	\$69.00
Operators (Building, Class 05 - See Notes)	5/1/2017		\$38.51	\$26.27	\$64.78
Operators (Building, Class 05 - See Notes)	5/1/2019		\$41.60	\$27.18	\$68.78
Operators (Building, Class 05 - See Notes)	5/1/2018		\$40.05	\$26.73	\$66.78
Operators (Building, Class 05 - See Notes)	5/1/2020		\$43.14	\$27.64	\$70.78
Operators (Building, Class 05 - See Notes)	5/1/2021		\$44.69	\$28.10	\$72.79
Operators (Building, Class 06 - See Notes)	5/1/2017		\$37.52	\$25.98	\$63.50
Operators (Building, Class 06 - See Notes)	5/1/2018		\$39.07	\$26.43	\$65.50
Operators (Building, Class 06 - See Notes)	5/1/2019		\$40.61	\$26.89	\$67.50
Operators (Building, Class 06 - See Notes)	5/1/2020		\$42.16	\$27.35	\$69.51
Operators (Building, Class 06 - See Notes)	5/1/2021		\$43.70	\$27.80	\$71.50
Operators (Building, Class 07A- See Notes)	5/1/2018		\$55.99	\$33.02	\$89.01
Operators (Building, Class 07A- See Notes)	5/1/2019		\$57.84	\$33.57	\$91.41
Operators (Building, Class 07A- See Notes)	5/1/2020		\$59.70	\$34.10	\$93.80
Operators (Building, Class 07A- See Notes)	5/1/2021		\$61.55	\$34.65	\$96.20
Operators (Building, Class 07A- See Notes)	5/1/2017		\$54.14	\$32.47	\$86.61
Operators (Building, Class 07B- See Notes)	5/1/2019		\$57.55	\$33.47	\$91.02
Operators (Building, Class 07B- See Notes)	5/1/2020		\$59.40	\$34.03	\$93.43
Operators (Building, Class 07B- See Notes)	5/1/2017		\$53.84	\$32.40	\$86.24
Operators (Building, Class 07B- See Notes)	5/1/2021		\$61.26	\$34.58	\$95.84
Operators (Building, Class 07B- See Notes)	5/1/2018		\$55.70	\$32.92	\$88.62
Painter	5/1/2018	4/30/2019	\$38.64	\$27.64	\$66.28
Painters Class 1 (see notes)	5/1/2017		\$37.82	\$26.46	\$64.28
Painters Class 1 (see notes)	2/1/2018		\$43.18	\$27.23	\$70.41
Painters (Bridges, Stacks, Towers)	2/1/2018	1/31/2019	\$54.15	\$27.52	\$81.67
Painters (Brush and Roller)(Industrial)	2/1/2018	1/31/2019	\$43.18	\$27.23	\$70.41
Painters Class 2 (see notes)	2/1/2017		\$53.67	\$26.09	\$79.76
Painters Class 2 (see notes)	2/1/2018		\$54.14	\$27.27	\$81.41
Painters Class 3 (see notes)	5/1/2017		\$38.20	\$26.46	\$64.66
Plasterers	5/1/2017		\$37.42	\$28.83	\$66.25
Plasterers	5/1/2018		\$37.42	\$30.04	\$67.46
plumber	5/1/2018	4/30/2019	\$53.45	\$33.54	\$86.99
Plumbers	5/1/2017		\$51.42	\$32.57	\$83.99
Pointers, Caulkers, Cleaners	5/1/2019		\$47.76	\$25.69	\$73.45
Pointers, Caulkers, Cleaners	5/1/2017		\$42.26	\$25.69	\$67.95
Pointers, Caulkers, Cleaners	5/1/2018		\$45.01	\$25.69	\$70.70
Roofers (Composition)	5/1/2017		\$36.15	\$30.22	\$66.37
Roofers (Composition)	5/1/2018		\$37.15	\$31.27	\$68.42
Roofers (Shingle)	5/1/2016		\$25.70	\$19.17	\$44.87
Roofers (Shingle, Slate, Tile)	5/1/2018		\$27.50	\$20.37	\$47.87
Roofers (Slate & Tile)	5/1/2018		\$30.50	\$20.37	\$50.87
Roofers (Slate & Tile)	5/1/2016		\$28.70	\$19.17	\$47.87

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 19-02285 - Building	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Sheet Metal Workers	5/1/2018		\$47.58	\$41.60	\$89.18
Sheet Metal Workers	5/1/2017		\$46.42	\$39.51	\$85.93
Sprinklerfitters	4/1/2018		\$38.80	\$22.74	\$61.54
Sprinklerfitters	4/1/2017		\$37.40	\$21.74	\$59.14
Steamfitters	5/1/2018		\$58.37	\$34.39	\$90.76
Steamfitters	5/1/2017		\$54.64	\$32.53	\$87.17
Stone Masons	5/1/2018		\$43.11	\$26.99	\$70.10
Stone Masons	5/1/2017		\$40.36	\$26.99	\$67.35
Stone Masons	5/1/2019		\$45.86	\$26.99	\$72.85
Terrazzo Finisher	5/1/2018		\$41.31	\$22.73	\$64.04
Terrazzo Finisher	5/1/2019		\$43.61	\$22.73	\$66.34
Terrazzo Finisher	5/1/2017		\$39.08	\$22.73	\$61.79
Terrazzo Grinder	5/1/2018		\$41.58	\$22.73	\$64.31
Terrazzo Grinder	5/1/2017		\$39.33	\$22.73	\$62.06
Terrazzo Grinder	5/1/2019		\$43.88	\$22.73	\$66.61
Terrazzo Mechanics	5/1/2017		\$43.71	\$24.81	\$68.52
Terrazzo Mechanics	5/1/2019		\$49.21	\$24.81	\$74.02
Terrazzo Mechanics	5/1/2018		\$46.46	\$24.81	\$71.27
Tile Finisher	5/1/2017		\$35.55	\$24.17	\$59.72
Tile Finisher	5/1/2019		\$39.75	\$24.17	\$63.92
Tile Finisher	5/1/2018		\$37.55	\$24.17	\$61.72
Tile Setter	5/1/2018		\$46.46	\$24.81	\$71.27
Tile Setter	5/1/2019		\$49.21	\$24.81	\$74.02
Tile Setter	5/1/2017		\$43.71	\$24.81	\$68.52
Truckdriver class 1(see notes)	5/1/2019		\$33.43	\$17.96	\$51.39
Truckdriver class 1(see notes)	5/1/2017		\$30.46	\$17.96	\$48.42
Truckdriver class 1(see notes)	5/1/2021		\$36.48	\$17.96	\$54.44
Truckdriver class 1(see notes)	5/1/2018		\$31.93	\$17.96	\$49.89
Truckdriver class 1(see notes)	5/1/2020		\$34.93	\$17.96	\$52.89
Truckdriver class 2 (see notes)	5/1/2019		\$33.53	\$17.96	\$51.49
Truckdriver class 2 (see notes)	5/1/2018		\$32.03	\$17.96	\$49.99
Truckdriver class 2 (see notes)	5/1/2020		\$35.03	\$17.96	\$52.99
Truckdriver class 2 (see notes)	5/1/2021		\$36.58	\$17.96	\$54.54
Truckdriver class 2 (see notes)	5/1/2017		\$30.56	\$17.96	\$48.52
Truckdriver class 3 (see notes)	5/1/2018		\$32.28	\$17.96	\$50.24
Truckdriver class 3 (see notes)	5/1/2019		\$33.78	\$17.96	\$51.74
Truckdriver class 3 (see notes)	5/1/2017		\$30.56	\$17.96	\$48.52
Truckdriver class 3 (see notes)	5/1/2020		\$35.28	\$17.96	\$53.24
Truckdriver class 3 (see notes)	5/1/2021		\$36.83	\$17.96	\$54.79

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 19-02285 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Carpenter	5/1/2018	4/30/2019	\$46.26	\$27.69	\$73.95
Carpenter	5/1/2019	4/30/2020	\$48.16	\$27.69	\$75.85
Carpenter	5/1/2021		\$52.11	\$27.69	\$79.80
Carpenter	5/1/2020	4/30/2021	\$50.11	\$27.69	\$77.80
Carpenter - Chief of Party (Surveying & Layout)	5/1/2017		\$51.42	\$27.39	\$78.81
Carpenter - Chief of Party (Surveying & Layout)	5/1/2019	4/30/2020	\$55.38	\$27.69	\$83.07
Carpenter - Chief of Party (Surveying & Layout)	5/1/2020	4/30/2021	\$57.63	\$27.69	\$85.32
Carpenter - Chief of Party (Surveying & Layout)	5/1/2021		\$59.93	\$27.69	\$87.62
Carpenter - Chief of Party (Surveying & Layout)	5/1/2018	4/30/2019	\$53.20	\$27.69	\$80.89
Carpenter - Instrument Person (Surveying & Layout)	5/1/2017		\$44.71	\$27.39	\$72.10
Carpenter - Instrument Person (Surveying & Layout)	5/1/2019	4/30/2020	\$48.16	\$27.69	\$75.85
Carpenter - Instrument Person (Surveying & Layout)	5/1/2020	4/30/2021	\$50.11	\$27.69	\$77.80
Carpenter - Instrument Person (Surveying & Layout)	5/1/2021		\$52.11	\$27.69	\$79.80
Carpenter - Instrument Person (Surveying & Layout)	5/1/2018	4/30/2019	\$46.26	\$27.69	\$73.95
Carpenter - Rodman (Surveying & Layout)	5/1/2017		\$35.77	\$21.19	\$56.96
Carpenter - Rodman (Surveying & Layout)	5/1/2018	4/30/2019	\$37.01	\$21.34	\$58.35
Carpenter - Rodman (Surveying & Layout)	5/1/2020	4/30/2021	\$40.09	\$21.34	\$61.43
Carpenter - Rodman (Surveying & Layout)	5/1/2019	4/30/2020	\$38.53	\$21.34	\$59.87
Carpenter - Rodman (Surveying & Layout)	5/1/2021		\$41.69	\$21.34	\$63.03
Carpenters	5/1/2020		\$50.41	\$27.39	\$77.80
Carpenters	5/1/2017		\$44.71	\$27.39	\$72.10
Carpenters	5/1/2019		\$48.46	\$27.39	\$75.85
Carpenters	5/1/2018		\$46.56	\$27.39	\$73.95
Carpenters	5/1/2021		\$52.41	\$27.39	\$79.80
Cement Masons	5/1/2019		\$37.90	\$31.51	\$69.41
Cement Masons	5/1/2017		\$34.45	\$31.51	\$65.96
Cement Masons	5/1/2018		\$35.65	\$32.01	\$67.66
Cement Masons	5/1/2021		\$41.55	\$31.51	\$73.06
Cement Masons	5/1/2020		\$39.70	\$31.51	\$71.21
Electric Lineman	5/29/2017		\$52.60	\$26.37	\$78.97
Electric Lineman	5/28/2018		\$53.64	\$27.45	\$81.09
Electric Lineman	5/27/2019		\$54.66	\$28.56	\$83.22
Iron Workers	7/1/2017		\$47.30	\$32.91	\$80.21
Iron Workers (Bridge, Structural Steel, Ornamental, Precast, Reinforcing)	1/1/2017		\$44.20	\$31.26	\$75.46
Laborers (Class 01 - See notes)	5/1/2017		\$29.75	\$25.65	\$55.40
Laborers (Class 01 - See notes)	5/1/2019		\$32.80	\$25.65	\$58.45
Laborers (Class 01 - See notes)	5/1/2018		\$31.25	\$25.65	\$56.90
Laborers (Class 01 - See notes)	5/1/2020		\$34.45	\$25.65	\$60.10
Laborers (Class 01 - See notes)	5/1/2021		\$36.20	\$25.65	\$61.85
Laborers (Class 02 - See notes)	5/1/2021		\$36.40	\$25.65	\$62.05
Laborers (Class 02 - See notes)	5/1/2020		\$34.65	\$25.65	\$60.30
Laborers (Class 02 - See notes)	5/1/2017		\$29.95	\$25.65	\$55.60
Laborers (Class 02 - See notes)	5/1/2019		\$33.00	\$25.65	\$58.65
Laborers (Class 02 - See notes)	5/1/2018		\$31.45	\$25.65	\$57.10

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 19-02285 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Laborers (Class 03 - See notes)	5/1/2017		\$29.95	\$25.65	\$55.60
Laborers (Class 03 - See notes)	5/1/2018		\$31.45	\$25.65	\$57.10
Laborers (Class 03 - See notes)	5/1/2021		\$36.40	\$25.65	\$62.05
Laborers (Class 03 - See notes)	5/1/2019		\$33.00	\$25.65	\$58.65
Laborers (Class 03 - See notes)	5/1/2020		\$34.65	\$25.65	\$60.30
Laborers (Class 04 - See notes)	5/1/2018		\$26.05	\$25.65	\$51.70
Laborers (Class 04 - See notes)	5/1/2017		\$24.55	\$25.65	\$50.20
Laborers (Class 04 - See notes)	5/1/2019		\$27.60	\$25.65	\$53.25
Laborers (Class 04 - See notes)	5/1/2020		\$29.25	\$25.65	\$54.90
Laborers (Class 04 - See notes)	5/1/2021		\$31.00	\$25.65	\$56.65
Laborers (Class 05 - See notes)	5/1/2019		\$33.65	\$25.65	\$59.30
Laborers (Class 05 - See notes)	5/1/2021		\$37.05	\$25.65	\$62.70
Laborers (Class 05 - See notes)	5/1/2018		\$32.10	\$25.65	\$57.75
Laborers (Class 05 - See notes)	5/1/2020		\$35.30	\$25.65	\$60.95
Laborers (Class 05 - See notes)	5/1/2017		\$30.60	\$25.65	\$56.25
Laborers (Class 06 - See notes)	5/1/2018		\$32.15	\$25.65	\$57.80
Laborers (Class 06 - See notes)	5/1/2019		\$33.70	\$25.65	\$59.35
Laborers (Class 06 - See notes)	5/1/2020		\$35.35	\$25.65	\$61.00
Laborers (Class 06 - See notes)	5/1/2021		\$37.10	\$25.65	\$62.75
Laborers (Class 06 - See notes)	5/1/2017		\$30.65	\$25.65	\$56.30
Laborers (Class 07 - See notes)	5/1/2021		\$36.95	\$25.65	\$62.60
Laborers (Class 07 - See notes)	5/1/2020		\$35.20	\$25.65	\$60.85
Laborers (Class 07 - See notes)	5/1/2017		\$30.50	\$25.65	\$56.15
Laborers (Class 07 - See notes)	5/1/2019		\$33.55	\$25.65	\$59.20
Laborers (Class 07 - See notes)	5/1/2018		\$32.00	\$25.65	\$57.65
Laborers (Class 08 - See notes)	5/1/2019		\$33.30	\$25.65	\$58.95
Laborers (Class 08 - See notes)	5/1/2018		\$31.75	\$25.65	\$57.40
Laborers (Class 08 - See notes)	5/1/2017		\$30.25	\$25.65	\$55.90
Laborers (Class 08 - See notes)	5/1/2021		\$36.70	\$25.65	\$62.35
Laborers (Class 08 - See notes)	5/1/2020		\$34.95	\$25.65	\$60.60
Laborers (Class 09 - See notes)	5/1/2018		\$31.60	\$25.65	\$57.25
Laborers (Class 09 - See notes)	5/1/2019		\$33.15	\$25.65	\$58.80
Laborers (Class 09 - See notes)	5/1/2021		\$36.55	\$25.65	\$62.20
Laborers (Class 09 - See notes)	5/1/2017		\$30.10	\$25.65	\$55.75
Laborers (Class 09 - See notes)	5/1/2020		\$34.80	\$25.65	\$60.45
Laborers (Class 10- See notes)	5/1/2017		\$30.25	\$25.65	\$55.90
Laborers (Class 10- See notes)	5/1/2020		\$34.95	\$25.65	\$60.60
Laborers (Class 10- See notes)	5/1/2021		\$36.70	\$25.65	\$62.35
Laborers (Class 10- See notes)	5/1/2018		\$31.75	\$25.65	\$57.40
Laborers (Class 10- See notes)	5/1/2018		\$33.30	\$25.65	\$58.95
Laborers (Class 11 -See Notes)	5/1/2017		\$30.15	\$25.65	\$55.80
Laborers (Class 11 -See Notes)	5/1/2019		\$33.10	\$25.65	\$58.75
Laborers (Class 11 -See Notes)	5/1/2020		\$34.75	\$25.65	\$60.40
Laborers (Class 11 -See Notes)	5/1/2021		\$36.50	\$25.65	\$62.15

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 19-02285 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Laborers (Class 11 -See Notes)	5/1/2018		\$31.55	\$25.65	\$57.20
Laborers (Class 12 -See Notes)	5/1/2021		\$37.40	\$25.65	\$63.05
Laborers (Class 12 -See Notes)	5/1/2018		\$32.45	\$25.65	\$58.10
Laborers (Class 12 -See Notes)	5/1/2019		\$34.00	\$25.65	\$59.65
Laborers (Class 12 -See Notes)	5/1/2020		\$35.65	\$25.65	\$61.30
Laborers (Class 12 -See Notes)	5/1/2017		\$31.85	\$25.65	\$57.50
Laborers (Class 13 -See Notes)	5/1/2019		\$36.93	\$25.65	\$62.58
Laborers (Class 13 -See Notes)	5/1/2017		\$33.88	\$25.65	\$59.53
Laborers (Class 13 -See Notes)	5/1/2021		\$40.33	\$25.65	\$65.98
Laborers (Class 13 -See Notes)	5/1/2018		\$35.38	\$25.65	\$61.03
Laborers (Class 13 -See Notes)	5/1/2020		\$38.58	\$25.65	\$64.23
Laborers (Class 14 -See Notes)	5/1/2019		\$33.05	\$25.65	\$58.70
Laborers (Class 14 -See Notes)	5/1/2020		\$34.70	\$25.65	\$60.35
Laborers (Class 14 -See Notes)	5/1/2017		\$30.00	\$25.65	\$55.65
Laborers (Class 14 -See Notes)	5/1/2018		\$31.50	\$25.65	\$57.15
Laborers (Class 14 -See Notes)	5/1/2021		\$36.45	\$25.65	\$62.10
Laborers Utility (PGW ONLY)	5/1/2017		\$30.55	\$17.58	\$48.13
Laborers Utility (PGW ONLY) (Flagperson)	5/1/2017		\$23.52	\$17.58	\$41.10
Landscape Laborer	4/1/2016		\$21.19	\$22.65	\$43.84
Operators Class 01 - See Notes (Building, Heavy, Highway)	5/1/2017		\$44.87	\$28.14	\$73.01
Operators Class 01 - See Notes (Building, Heavy, Highway)	5/1/2018		\$46.41	\$28.60	\$75.01
Operators Class 01 - See Notes (Building, Heavy, Highway)	5/1/2019		\$47.95	\$29.06	\$77.01
Operators Class 01 - See Notes (Building, Heavy, Highway)	5/1/2020		\$49.50	\$29.51	\$79.01
Operators Class 01 - See Notes (Building, Heavy, Highway)	5/1/2021		\$51.04	\$29.97	\$81.01
Operators Class 01a - See Notes (Building, Heavy, Highway)	5/1/2017		\$47.86	\$29.03	\$76.89
Operators Class 01a - See Notes (Building, Heavy, Highway)	5/1/2018		\$49.41	\$29.49	\$78.90
Operators Class 01a - See Notes (Building, Heavy, Highway)	5/1/2019		\$50.96	\$29.94	\$80.90
Operators Class 01a - See Notes (Building, Heavy, Highway)	5/1/2020		\$52.50	\$30.40	\$82.90
Operators Class 01a - See Notes (Building, Heavy, Highway)	5/1/2021		\$54.05	\$30.85	\$84.90
Operators Class 02 - See Notes (Building, Heavy, Highway)	5/1/2017		\$44.62	\$28.07	\$72.69
Operators Class 02 - See Notes (Building, Heavy, Highway)	5/1/2018		\$46.16	\$28.53	\$74.69
Operators Class 02 - See Notes (Building, Heavy, Highway)	5/1/2019		\$47.70	\$28.99	\$76.69
Operators Class 02 - See Notes (Building, Heavy, Highway)	5/1/2020		\$49.25	\$29.44	\$78.69
Operators Class 02 - See Notes (Building, Heavy, Highway)	5/1/2021		\$50.80	\$29.89	\$80.69
Operators Class 02a - See Notes (Building, Heavy,	5/1/2017		\$47.61	\$28.97	\$76.58

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 19-02285 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Highway)					
Operators Class 02a - See Notes (Building, Heavy, Highway)	5/1/2018		\$49.16	\$29.42	\$78.58
Operators Class 02a - See Notes (Building, Heavy, Highway)	5/1/2020		\$52.26	\$30.31	\$82.57
Operators Class 02a - See Notes (Building, Heavy, Highway)	5/1/2021		\$53.81	\$30.77	\$84.58
Operators Class 03 - See Notes (Building, Heavy, Highway)	5/1/2017		\$40.53	\$26.87	\$67.40
Operators Class 03 - See Notes (Building, Heavy, Highway)	5/1/2018		\$42.07	\$27.33	\$69.40
Operators Class 03 - See Notes (Building, Heavy, Highway)	5/1/2019		\$43.62	\$27.78	\$71.40
Operators Class 03 - See Notes (Building, Heavy, Highway)	5/1/2020		\$45.17	\$28.24	\$73.41
Operators Class 03 - See Notes (Building, Heavy, Highway)	5/1/2021		\$46.71	\$28.69	\$75.40
Operators Class 04 - See Notes (Building, Heavy, Highway)	5/1/2021		\$46.41	\$28.60	\$75.01
Operators Class 04 - See Notes (Building, Heavy, Highway)	5/1/2020		\$44.86	\$28.14	\$73.00
Operators Class 04 - See Notes (Building, Heavy, Highway)	5/1/2019		\$43.32	\$27.69	\$71.01
Operators Class 04 - See Notes (Building, Heavy, Highway)	5/1/2018		\$41.78	\$27.22	\$69.00
Operators Class 04 - See Notes (Building, Heavy, Highway)	5/1/2017		\$40.24	\$26.78	\$67.02
Operators Class 05 - See Notes (Building, Heavy, Highway)	5/1/2017		\$38.51	\$26.27	\$64.78
Operators Class 05 - See Notes (Building, Heavy, Highway)	5/1/2018		\$40.05	\$26.73	\$66.78
Operators Class 05 - See Notes (Building, Heavy, Highway)	5/1/2019		\$41.60	\$27.18	\$68.78
Operators Class 05 - See Notes (Building, Heavy, Highway)	5/1/2020		\$43.14	\$27.64	\$70.78
Operators Class 05 - See Notes (Building, Heavy, Highway)	5/1/2021		\$44.69	\$28.10	\$72.79
Operators Class 06 - See Notes (Building, Heavy, Highway)	5/1/2021		\$43.70	\$27.80	\$71.50
Operators Class 06 - See Notes (Building, Heavy, Highway)	5/1/2017		\$37.52	\$25.98	\$63.50
Operators Class 06 - See Notes (Building, Heavy, Highway)	5/1/2019		\$40.61	\$26.89	\$67.50
Operators Class 06 - See Notes (Building, Heavy, Highway)	5/1/2018		\$39.07	\$26.43	\$65.50
Operators Class 06 - See Notes (Building, Heavy, Highway)	5/1/2020		\$42.16	\$27.35	\$69.51
Operators Class 07 (A) - See Notes (Building, Heavy, Highway)	5/1/2019		\$57.84	\$33.57	\$91.41
Operators Class 07 (A) - See Notes (Building, Heavy, Highway)	5/1/2021		\$61.55	\$34.65	\$96.20
Operators Class 07 (A) - See Notes (Building, Heavy, Highway)	5/1/2018		\$55.99	\$33.02	\$89.01

**BUREAU OF LABOR LAW COMPLIANCE
PREVAILING WAGES PROJECT RATES**

Project: 19-02285 - Heavy/Highway	Effective Date	Expiration Date	Hourly Rate	Fringe Benefits	Total
Operators Class 07 (A) - See Notes (Building, Heavy, Highway)	5/1/2020		\$59.70	\$34.10	\$93.80
Operators Class 07 (A) - See Notes (Building, Heavy, Highway)	5/1/2017		\$54.14	\$32.47	\$86.61
Operators Class 07 (B) - See Notes (Building, Heavy, Highway)	5/1/2020		\$59.40	\$34.03	\$93.43
Operators Class 07 (B) - See Notes (Building, Heavy, Highway)	5/1/2019		\$57.55	\$33.47	\$91.02
Operators Class 07 (B) - See Notes (Building, Heavy, Highway)	5/1/2017		\$53.84	\$32.40	\$86.24
Operators Class 07 (B) - See Notes (Building, Heavy, Highway)	5/1/2021		\$61.28	\$34.58	\$95.86
Operators Class 07 (B) - See Notes (Building, Heavy, Highway)	5/1/2018		\$55.70	\$32.92	\$88.62
Painters (Bridges, Stacks, Towers)	2/1/2017		\$53.67	\$26.09	\$79.76
Painters (Bridges, Stacks, Towers)	2/1/2018		\$54.14	\$27.27	\$81.41
Steamfitters	5/1/2018		\$56.37	\$34.39	\$90.76
Steamfitters (Heavy and Highway - Gas Distribution)	5/1/2017		\$51.91	\$32.53	\$84.44
Truckdriver class 1(see notes)	5/1/2020		\$34.78	\$17.96	\$52.74
Truckdriver class 1(see notes)	5/1/2021		\$36.33	\$17.96	\$54.29
Truckdriver class 1(see notes)	5/1/2019		\$33.28	\$17.96	\$51.24
Truckdriver class 1(see notes)	5/1/2017		\$30.31	\$17.96	\$48.27
Truckdriver class 1(see notes)	5/1/2018		\$31.78	\$17.96	\$49.74
Truckdriver class 2 (see notes)	5/1/2021		\$36.43	\$17.96	\$54.39
Truckdriver class 2 (see notes)	5/1/2017		\$30.41	\$17.96	\$48.37
Truckdriver class 2 (see notes)	5/1/2018		\$31.88	\$17.96	\$49.84
Truckdriver class 2 (see notes)	5/1/2020		\$34.88	\$17.96	\$52.84
Truckdriver class 2 (see notes)	5/1/2019		\$33.38	\$17.96	\$51.34
Truckdriver class 3 (see notes)	5/1/2018		\$32.13	\$17.96	\$50.09
Truckdriver class 3 (see notes)	5/1/2019		\$33.63	\$17.96	\$51.59
Truckdriver class 3 (see notes)	5/1/2017		\$30.66	\$17.96	\$48.62
Truckdriver class 3 (see notes)	5/1/2021		\$36.68	\$17.96	\$54.64
Truckdriver class 3 (see notes)	5/1/2020		\$35.13	\$17.96	\$53.09