



**ADDENDUM #01
TO
INVITATION TO BID #01 - EARLY RELEASE FOR ELECTRICAL EQUIPMENT**

**ADDITION AND RENOVATIONS TO
OLD GREENWICH SCHOOL
285 SOUND BEACH AVENUE
OLD GREENWICH, CT 06870
GREENWICH PUBLIC SCHOOL BID # #2494-24
NOVEMBER 07, 2024**

The Contract Documents for this Invitation to Bid are modified and/or supplemented as follows and should be included in the Subcontractor's lump sum bid as it relates to their Bid Package Scope of Work:

GENERAL INFORMATION

Bid Package Scope of Work:

1. **ALL Bidders shall** note, the bid due date has **NOT** changed and remains at **November 22, 2024 @ 11:00 AM EST**.
2. There will be a Pre-Bid Conference via Zoom:
 - a) Meeting Information:
<https://downesco.zoom.us/j/89473134746>
Meeting ID: 894 7313 4746
3. This Bid is for the **ADDITION AND RENOVATIONS TO OLD GREENWICH SCHOOL - EARLY RELEASE FOR ELECTRICAL EQUIPMENT – GREENWICH PUBLIC SCHOOLS BID #2494-24**
 - a) Where it states Greenwich Public Schools Project Number change to **Greenwich Public Schools Bid #2494-24**
4. Please note the following changes **highlighted** below:
 - a) **Invitation to Bid #01 – Item #3:**
ALL BIDS FOR ALL BID PACKAGES ARE TO BE SUBMITTED VIA MAIL OR HAND DELIVERY IN SEALED ENVELOPES IN DUPLICATE by the date and time indicated, after which time no further bids will be accepted. All bidders must include the Project Name and Bid Package Number & Description on the envelopes (Example – GPS #2494-24 – Old Greenwich School – BP# 1.26.1 – Early Release **for Electrical Equipment**). Bids received will subsequently be publicly opened and read aloud at the Board of Education of The Town of Greenwich, Havemeyer Building, located at 290 Greenwich Ave, Greenwich, CT 06830 until **11:00 AM EST on Friday, November 22, 2024.**

ITB #01 - ADDENDUM #01 – ADDITION AND RENOVATIONS TO OLD GREENWICH SCHOOL

b) **SCOPE OF WORK**

Change Scope of Work Title to **BID PACKAGE #1.26.1 – EARLY RELEASE FOR ELECTRICAL EQUIPMENT:**

Change Footer to: **BID PACKAGE #1.26.1 – EARLY RELEASE FOR ELECTRICAL EQUIPMENT**

Change: **END BID PACKAGE #1.26.1 –EARLY RELEASE FOR ELECTRICAL EQUIPMENT**

5. Please include Connecticut Department of Wage and Workplace Standards Division - attached

END ADDENDUM 01

Attachments as indicated above.

ADDITIONS & ALTERATIONS TO:
OLD GREENWICH SCHOOL
GPS #2494-24
285 SOUND BEACH AVENUE
OLD GREENWICH, CT 06870



INVITATION TO BID #01

ADDITIONS & ALTERATIONS TO: OLD GREENWICH SCHOOL BOARD OF EDUCATION OF THE TOWN OF GREENWICH GREENWICH, CT 06870

GREENWICH PUBLIC SCHOOLS BID # 2494-24

November 01, 2024

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1. Downes Construction Company, LLC acting as Construction Manager on behalf of the Old Greenwich School Building Committee at the Board of Education of The Town of Greenwich will receive one original and one copy of bids for the individual bid packages identified in the Contract Documents and as indicated below for the Additions and Alterations to the Old Greenwich School at 285 Sound Beach Avenue, Old Greenwich, CT 06870. Sealed proposals will be received at the Board of Education of The Town of Greenwich, Havemeyer Building, located at 290 Greenwich Ave, Greenwich, CT 06830 **until 11:00 AM EST on Friday, November 22, 2024.**

Bid Package	Description
Bid Package #1.26.1	Early Release Electrical Equipment

All bidders whose bids exceed \$1,000,000.00 shall hold a current DAS Contractor Prequalification Certificate (not a predetermination letter) from the Department of Administrative Services of the State of Connecticut according to Connecticut General Statutes Section 4a-100, 4b-101 and 4b-91. Bidders shall submit with their bids a current Update (bid) Statement. Failure to submit this item with the bid subjects your bid to disqualification. If you have any questions regarding these requirements contact the State of CT.DAS, at telephone number 860-713-5280 or visit their web site at www.das.state.ct.us

2. **THE PLANS, SPECIFICATIONS AND THE PROJECT MANUAL** – Plans, Specifications and Instructions to Bidders may be obtained by contacting Downes Construction at OGSbid@downesco.com only. Documents are expected to be available on or before Monday, November 4, 2024. A SmartBid electronic mail link will be provided to the documents. Those bidders receiving the documents in this manner will receive Addenda as they are issued.
3. **QUALIFICATION STATEMENT** – Any subcontractor bidding on this scope of work shall provide sufficient evidence of completion of at least (3) similar size/scope of municipal or state projects within the past 5 years in order to be eligible to submit pricing for the scope of work described within. Provide sufficient documentation and a project list attached to your bid form for documentation purposes to ensure your firm is capable of completing this scope of work. Failure to do so could result in possible rejection of your bid(s). Refer to AIA A305 form for inclusion as part of your bid.
4. **A PRE-BID CONFERENCE** will be held via ZOOM on Tuesday, November 12, 2024 at 11:00 AM for the Old Greenwich School at 285 Sound Beach Avenue, Old Greenwich, CT 06870.; The Pre-Bid Zoom Conference is NOT mandatory but is strongly encouraged. Bidders are encouraged to visit the site location at their convenience. Do not interfere with existing businesses or vehicular traffic while visiting the future site.

5. **ALL BIDS FOR ALL BID PACKAGES ARE TO BE SUBMITTED VIA MAIL OR HAND DELIVERY IN SEALED ENVELOPES IN DUPLICATE** by the date and time indicated, after which time no further bids will be accepted. All bidders must include the Project Name and Bid Package Number & Description on the envelopes (Example – GPS #2494-24 – Old Greenwich School – BP# 1.26.1 – Early Release for Electrical Equipment). Bids received will subsequently be publicly opened and read aloud at the Board of Education of The Town of Greenwich, Havemeyer Building, located at 290 Greenwich Ave, Greenwich, CT 06830 until **11:00 AM EST** on **Friday, November 22, 2024.**
6. **BIDDING REQUESTS FOR INFORMATION (RFI)** - All questions regarding bidding procedures, bidding documents and construction procedures are to be directed in RFI form to the Construction Manager Downes Construction Company at OGSbid@downesco.com. All answers will be published by written Addendum. Extension of the RFI deadline may only be revised by written addendum. Questions received verbally will not be answered. The RFI submission deadline is five (5) business days prior to the bid due date at 12 noon EST. RFI submission deadline may be extended by addenda at the CM's discretion.
7. **PROJECT LABOR AGREEMENT** (NOT APPLICABLE).
8. **EEO/LOCAL EMPLOYMENT GOALS** (NA – See CHRO Requirements)
9. **LIQUIDATED DAMAGES** – Liquidated Damages per section 6.1.6 AIA133 – 2019 will be assessed per schedule phases. Individual trade partners will be held accountable for any slippage that will hold up millstones & completion as shown on the schedule. It is imperative that all documents required are turnover in a timely manner as to not allow missed dates on the phased schedules. These include but are not limited to the following: Contract execution, COI's, Submittals, RFI's, Fabrication timeline, attending meetings & manpower.
10. **ESCALATION** - All Subcontractors shall include the cost of future escalation in their lump sum bids based on the construction schedule. This includes but may not be limited to labor and material increases along with equipment operating expenses. Escalation in costs during the construction period will not be grounds for change order requests.
11. Downes Construction is the Construction Manager for this project therefore there is no "GC" or General Contractor. The work assigned to "by GC", "contractor" or "subcontractor" in the various contract documents is assigned to Trade Packages by Downes Construction.
12. Scope Exclusions to the bid are not acceptable. No partial bids will be accepted. Scope of Work items which have inadvertently been duplicated in more than one bid package must be included in the bid amount for each package containing the duplication. Do not assume Scope of Work items will be provided by the other bid package(s). Notify the Construction Manager immediately upon discovery of a duplicated item. Should the Construction Manager request a credit for the duplicated item after the bid, claims of omission of pricing in the bid due to the duplicate item in another bid package will not be acceptable.
13. **BID FORM** – All bids for all bid packages are to be submitted by mail or via hand delivery, with all spaces filled in. **Faxed bids will be rejected.** Those bidders who are bidding more than one Bid Package Scope of Work should submit their bids on separate Bid Forms in separate, sealed envelopes unless they are submitting combined bids for which a space has been provided. The Bid Form must be accompanied by the following:
 - A. Bid Security in the amount of Ten Percent (10%) of the Base Bid Sum (Bid Bond or Certified Check) for any bid for work.
 - B. Substitution Listing (As Applicable);

- C. Workman's Compensation Experience Modification Factor (EMR) form from insurer;
 - D. Non-Collusion Affidavit;
 - E. Acknowledgement of Surety;
 - F. Contractor's Qualification Statement (AIA Document A305, 1986 Edition), provide past experience with projects of a similar nature and scope within the past 5 years;
 - G. Proof of Insurance in accordance with Contract Requirements on Sample Accord Form;
14. **COMBINED BIDS** - Combination bids for any combination of bid packages will be accepted, provided the Bidder submits a bid for the individual packages to be combined. Combination bids are allowed only for bids due at the same time. Bid Combination offers should be submitted on a separate bid form indicating "Combination Bid for Bid Packages (BP No. & Description)" in bid form. A separate bid bond is not required for the combination bid. Bid Bonds for the individual bids are required.
15. **All Bids shall remain in effect for ninety (90) calendar days from bid due date.** No Bidder may withdraw their bid during that period.
16. **BID BONDS** – Bid Security in the amount of Ten Percent (10%) of the Base Bid Sum (Bid Bond or Certified Check) for any bid for work. A bid bond is not required for (SA) and (SA/PLA) packages.
17. **PERFORMANCE AND PAYMENT BONDS** – The successful bidders will be required to provide 100% Performance and Labor and Material Payment Bonds. Bidders are requested to indicate the added cost to the base bid of 100% Performance and Labor and Material Payment Bonds in the appropriate space on the bid form. The owner must be included as a "dual obligee" on all bonds. Surety companies providing performance and payment bond(s) must be licensed to do business in Connecticut and be approved as sureties on Government contract pursuant to U.S. Treasury Circular No. 570, published annually in the Federal Register. 100% Performance and Labor and Material Payment Bonds not required for (SA) and (SA/PLA) packages.
18. **PREVAILING WAGE RATES** - The State of Connecticut Department of Labor and all associated statutes and regulations shall govern labor wages on this project.
19. **DAS PREQUALIFICATION** – State law requires a minimum of twenty-five (25%) percent of the state-funded portion of the contract for award to subcontractors holding current certification from the Connecticut Department of Administrative Services ("DAS") under the provisions of CONN. GEN. STAT. § 4a-60g. (25% of the work with DAS certified Small and Minority owned businesses and 25% of that work with DAS certified Minority, Women and/or Disabled owned businesses.) The contractor must demonstrate good faith effort to meet the 25% set-aside goals.
- H. **COMMISSION ON HUMAN RIGHTS AND OPPORTUNITIES (CHRO)** – The Subcontractors who are selected to perform this State project must comply with CONN. GEN. STAT. §§ 4a-60, 4a-60a, 4a-60g, and 46a-68b through 46a-68f, inclusive, as amended by June 2015 Special Session Public Act 15-5. An Affirmative Action Plan must be filed with and approved by the Commission on Human Rights and Opportunities prior to the commencement of construction. State law requires a minimum of twenty-five (25%) percent of the state-funded portion of the contract for award to subcontractors holding current certification from the Connecticut Department of Administrative Services ("DAS") under the provisions of CONN. GEN. STAT. § 4a-60g, as amended. (25% of the work with DAS certified Small and Minority owned businesses and 25% of that work with DAS certified Minority, Women and/or Disabled owned businesses.) The contractor must demonstrate good faith effort to meet the 25% set-aside goals. For municipal public works contracts and quasi-public agency projects, the contractor must file a written or electronic non-discrimination certification with the Commission on Human Rights and Opportunities. Forms can be found at http://www.ct.gov/opm/cwp/view.asp?a=2982&q=390928&opmNav_GID=1806

20. **CONNECTICUT HIGH PERFORMANCE STANDARDS** – All Subcontractors are responsible for complying with the Specifications Section on Sustainable Design Requirements as it relates to completing their scopes of work in support of complying with Connecticut High Performance Standards (HPBS). Review and coordinate with all related Specifications Sections, provide all submittals associated with compliance and complete work in a manner to achieve compliance. Also refer to the Downes Construction CT HPBS Management Plan contained within the Downes Project Manual.
21. **TAX EXEMPT** - This project is tax-exempt. Reference Supplemental Instructions paragraph C.
22. **CERTIFIED PAYROLL** –All Subcontractors shall note the following in regards to WEEKLY certified payrolls:
- As this is a Prevailing Wage project, each Contractor must follow all the rules, guidelines and regulations set forth by the CT Department of Labor. Please read and adhere to all of the contents pertaining to Prevailing Wage as set forth in this document.
 - A reminder that Prevailing wages are updated (changed) every July 1st by the State Department of Labor. Each Contractor is responsible to find out the new rates and to make the appropriate changes on its first payroll after July 1st. Each Subcontractor is responsible for assuming and including wage increases in their lump sum bids accordingly. No change orders will be entertained as they relate to periodic prevailing wage rate increases.
 - Each contractor must send Certified Payroll submissions to *Certified Paychecks via email*. No hard copy originals will be required to be submitted to the consultant or Downes. The current email is payroll@certifiedpaycheck.com. (Contact is Kathy Wimmer at kwimmer@certifiedpaycheck.com).
 - Certified payrolls must be completely filled out Weekly basis and must be received by Thursday of the following week, otherwise no payment will be allowed without correct receipt of certified payrolls (obviously all appropriate standard State of CT forms must be used). Employee's Social Security numbers should not appear on the payrolls.
 - Each Contractor must send its completed Monthly Employment Utilization Report Form for the Commission on Human Rights and Opportunities. to *Certified Paychecks via email*. No hard copy originals will be required to be submitted to the consultant or Downes. The current email is payroll@certifiedpaycheck.com. (Contact is Kathy Wimmer at kwimmer@certifiedpaycheck.com). THESE REPORTS MUST BE SUBMITTED ALONG WITH THE CERTIFIED PAYROLLS.
 - It is a state law that all private employees and apprentices who perform manual labor for a Contractor on a public building project must have completed the 10-hour Outreach Course in accordance with federal OSHA Training Institute standards, and for telecommunications workers, a 10-hour training course in accordance with federal OSHA standards, 29 CFR 1910.268. A Certification card is not compliant if it is more than 5 years old.
 - Each Contractor must affix a copy of the construction safety course completion card to the first certified payroll submitted to the *Certified Paychecks* in accordance with Connecticut General Statue 31-53(f) on which such employee's name first appears.
23. **EXPERIENCE MODIFICATION RATE** - All bidders shall indicate their company's worker's compensation Experience Modification Rate (EMR) in the appropriate space on the bid form. Downes Construction and the owner reserve the right to reject a bid if the bidders EMR rate is greater than 1.0.
24. **INSURANCE** – The successful bidder will be required to provide insurance in accordance with the limits set forth in Section 4 of Downes Supplemental Instructions or those indicated elsewhere in the Contract Documents. Whichever coverage may be higher. The successful bidder shall procure at their own expense Workmen's Compensation, Comprehensive General Liability, Automobile Liability and other insurance with coverage and

limits as defined in the Contract Documents. Certificates of Insurance with the above coverage must be submitted before starting work on the project. Thirty (30) days notice is required before cancellation.

25. **CHANGE ORDERS** – All change orders will be held to strict scrutiny by the CM. This Subcontractor is required to perform time and material work (T&M), as directed by the Construction Manager and adhere to the T&M procedures set forth in Downes Supplemental Instructions booklet section G. All change orders will be required to be substantiated with labor rate breakdowns (ie: rate, fringes, taxes, insurance and OH&P), equipment substantiation and material substantiation. For all change orders no more than 10% OH&P will be allowed on labor, equipment and materials and 5% OH&P for subs subcontract work. The above mentioned OH&P shall include all home office expense, supervision (PE's & PM's, Acct, etc.). Bond cost will be adjusted accordingly once the final contract amount is determined and agreed upon with a receipted invoice from the bonding company. The rate should be the same as the "break out" compared to the value of the lump sum bid.
26. **UNIT PRICES** – All unit prices are to be inclusive of all insurance, travel, safety, home office expense, overhead & profit, labor and equipment rates, fringes, taxes, reimbursables, consumables etc.. In the spaces provided on the Bid Form, indicate the Unit Pricing with extensions, as requested. (Unit prices will be used to add or deduct from contract price based on project requirements).
27. **BACKGROUND INVESTIGATIONS** - The successful bidder will be required and agrees that before deploying any employee, agent or subcontractor ("Deployed Person") to perform any portion of the Project, the successful bidder will Verify the Deployed Person's applicable and appropriate professional degrees, licenses and/or certifications as claimed by the Deployed Person. To the extent permitted by applicable law, the successful bidder shall perform a commercially reasonable criminal background check. The successful bidder agrees not to knowingly deploy such a person without first notifying the Owner and OPM of any criminal background. Notwithstanding the above provisions, the successful bidder agrees that it will not knowingly deploy any person to provide work or services to the Owner or OPM who has been convicted of any criminal felony involving dishonesty or a breach of trust or that such person has been convicted of any offense under 18 U.S.C Section 1033 of the Violent Crime Control and Law Enforcement Act of 1994, which section is captioned "Crimes by or Affecting Persons Engaged in the Business of Insurance Whose Activities Affect Interstate Commerce." Such offenses include, by way of illustration and not of limitation, activities by persons in the insurance industry who willfully and materially overvalue any land, property or securities; embezzlement or misappropriation of insurance premiums and other funds; the making of false entries or statements in reports with the intent to deceive another person engaged in the insurance industry; or the use of threat or force in an attempt to corrupt or obstruct administrative proceedings related to the insurance industry. The successful bidder represents that at all times it will comply with all state and federal laws and regulations with respect to maintaining a drug-free workforce and that it will disclose its drug testing procedures to the Owner and OPM upon request. Please refer to the "Instructions to Subcontractors" Section 2.RR and Section 10 for the Background Check Compliance Agreement. This agreement is a Contractual requirement and must be returned to the OPM prior to the execution of this Subcontractors contract.
28. **PROJECT MANAGEMENT SYSTEMS** – Refer to General Items – All Trade Packages for mandatory systems to be utilized on this project and associated fees to be included base bid.
29. A Construction Schedule and Site Logistics Plan are included with the Bid Packages, for bidding purposes. It is intended to give the bidders an idea as to when their scope of work will take place. Changes to this schedule as the project progresses will not constitute grounds for a change order.
30. The successful bidder will enter into a contract with Downes Construction that will be based on the Contract Documents for their Bid Package Scope of Work utilizing the AIA A401 2017 Standard Form of Agreement

Contractor (Downes) and Subcontractor (Trade Packages) as amended to be job specific with the provided A201 WITHOUT ALTERATION OR QUALIFICATION. All contracts will be issued for signature via DocuSign.

31. The successful bidder will comply with all applicable local, State and Federal licensing, zoning, building, health, fire and safety regulations or ordinances, as well as standards and criteria of pertinent and State and Federal authorities and all owner requirements.
32. All Bidders are reminded that, in accordance with Connecticut Statutes Section §12-430(7)c, it is required to report names of nonresident (out of state) Contractors to the State of Connecticut, Department of Revenue Services (DRS) to ensure that all applicable business taxes are being paid by Contractors. Upon award of contract in excess of \$250,000, all nonresident contractors must furnish proof to the CM, within two weeks of award, that they have obtained current status as a “verified contractor” with DRS. Reference Supplemental Instructions paragraph C.
33. By submitting a bid you are agreeing to adhere to the “Supplemental Instructions” and “General Items – All Trade Packages” issued by Downes Construction that accompanies this Invitation to Bid.
34. The project will be awarded to the lowest responsive and responsible bidder, provided the bid price is reasonable and in the best interest of Downes Construction Company, LLC and the City of Hartford to accept it. However, the Construction Manager (CMR) and the Owner reserve the right to reject any and all bids or to waive any informalities, irregularities, omissions, or technical defects in the bids. Downes Construction in conjunction with the Owner also reserve the right:
 - A. To award the project based on the lowest responsible bid including combination bids along with the acceptance of any alternates in any order.
 - B. To reject a bid from any company who has not completed projects of a similar size and scope as this project.
 - C. To reject a bid from any person/company who is in arrears to the Construction Manager or Owner upon debt, or contract, or who is a defaulter as surety or otherwise upon obligations to the Owner.
 - D. To reject any or all bids and to waive any informality in bids received whenever such rejection or waiver is deemed in the Owner’s or Construction Manager’s best interest.
 - E. To reject any or all nonconforming, non-responsive, or unbalanced bids.
 - F. To reject the bid of a bidder who has previously failed to perform properly or complete on time contracts.
 - G. To consider the qualifications of bidder, whether or not the bids comply with the prescribed requirements, and such alternates, unit prices, and other data, as may be requested in the Form of Bid or prior to Notice of Award when evaluating the bids.
 - H. To reject any bid received from a contractor who is in any litigation when the Owner and CM determine it is in the best interest of the project.
35. Bidders are to identify if they or any proposed subcontractors have been debarred in the past or are currently debarred from participating in any public works project, for the local, state or federal governments. If so, provide details of such debarment. Contractors who are currently debarred are unacceptable.
36. The bidder making the proposed bid affirms that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid; and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bid or any other bid, or to fix any overhead, profit, or cost element of the bid price, or of that of any

other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

37. This Invitation to Bid or any of its contents does not commit Downes nor the owner to pay any costs incurred in the preparation of a bid or to procure or contract for services or supplies.
38. Downes Construction and the Town of Greenwich, Greenwich Public Schools and Old Greenwich School Building Committee Affirmative Action / Equal Opportunity Employer. Small/Minority/Women's Business Enterprises are highly encouraged to submit bids.

END INVITATION TO BID #01

Scope of Work:

BID PACKAGE #1.26.1 – EARLY RELEASE FOR ELECTRICAL EQUIPMENT

1. This Bid Package Scope of work includes performing all **PRE-PURCHASE OF MAIN ELECTRICAL DISTRIBUTION EQUIPMENT, SWITCHBOARDS, TRANSFORMERS, DISCONNECT SWITCHES, PANELBOARDS, OVERCURRENT PROTECTIVE SHORT-CIRCUIT STUDY, ENCLOSED TRANSFER SWITCHES, ENGINE GENERATOR, AND ALL ASSOCIATED WORK** in accordance with the Contract Documents enumerate herein prepared by Silver Petrucelli + Associates, Inc. (Architect), their consultants, and Downes Construction (Construction Manager).
2. Furnish all labor, material and equipment necessary to complete all work that is described in the following Sections of the Specifications, or is shown on the drawings and relates to one of the following Specification Sections but is not referenced in a Specification Section.

Division / Specs. Sections	Description	Dated
Division 00 / Sections:	PROCUREMENT & CONTRACT REQUIREMENTS	
All Sections:	This Subcontractor is responsible for the Downes Project Manual and its complete contents as it relates to completing this scope of work.	TBD
Division 01 / Sections:	GENERAL REQUIREMENTS	
All Sections:	This Subcontractor is responsible for all sections in this division as it relates to completing this scope of work.	8/29/2024
Division 26 / Sections:	ELECTRICAL	
260500	Common Work Results for Electrical	8/29/2024
260548	Vibration and Seismic Controls for Electrical Systems*	8/29/2024
260553	Identification for Electrical Systems*	8/29/2024
260572	Overcurrent Protective Short-Circuit Study	8/29/2024
260573	Overcurrent Protective Device Coordination Study	8/29/2024
262200	Low Voltage Transformers*	8/29/2024
262413	Switchboards	8/29/2024
262416	Panelboards*	8/29/2024
262813	Fuses*	8/29/2024
262816	Enclosed Switches and Circuit Breakers*	8/29/2024
263213	Engine Generators	8/29/2024

263600	Transfer Switches	8/29/2024
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Asterisk * = Limited scope under this package. See below for details

GENERAL

See separate document titled **GENERAL ITEMS – ALL TRADE PACKAGES**

SPECIFIC

3. **PRE-PURCHASE ELECTRICAL MAIN DISTRIBUTION EQUIPMENT & GENERATOR INTENT:**

This Subcontractor will be assigned responsibility to pre-purchase the following:

- a) Switchboard #1 (SWBD-1) 480-volt w/CT & Main Switch and utility meter enclosure
 - b) Switchboard #2 (SWBD-2) 208-volt
 - c) Transformer TX-1
 - d) Generator with Level 2 Sound Attenuated Enclosure
 - e) ATS-E
 - f) 60 amp Fused Disconnect Switch
 - g) Transformer TX-1E
 - h) Panel DP-E2
 - i) ATS-S
 - j) Panel DP-S1
 - k) Transformer TX-S1
 - l) Panel DP-S2
 - m) Panel RP-SW (Wing D)
 - n) Panel SPP-1D (Wing D)
4. This Subcontractor shall assume they will manage the process to ensure timely delivery of the new electrical main distribution equipment until such time the Phase 2 BP #2.26.1 Electrical Subcontractor (EC) is hired. At that time, the BP #2.26.1 – Electrical Subcontractor will take the responsibility for receiving and installing the equipment.
 5. This Subcontractor shall Furnish & Deliver the switchboard and distribution panelboards as indicated in the contract documents. Multiple deliveries to the project site or to EC's rigging yard (assumed no greater than 30 miles from site) to maintain project schedule will be required.
 6. This Subcontractor shall be responsible for Freight on Board (FOB) to the jobsite or rigging yard. This Subcontractor is responsible for protection while in transit from weather.
 7. This Subcontractor shall be responsible for all rigging hoisting and crane setups as required to complete this scope of work. Crane pick plans in accordance with OSHA will be required prior to mobilizing on the project site.
 8. This Subcontractor will be responsible for coordinating the delivery of equipment to the project site with the Construction Manager and the Electrical Subcontractor that will be performing the installation.

9. This Subcontractor is responsible for all submittals, shop drawings, overcurrent protection device coordination study as indicated in the contract documents.
10. This Subcontractor shall be responsible for all factory testing, O&M and as-built data, spare parts and maintenance materials.
11. This Subcontractor shall be responsible for providing all technical representative services on-site for QC/QA compliance meetings, installation supervision, startup, field testing, functional testing, NFPA 110 Acceptance test, load test, sound level testing, NETA test, witness trip & relay settings, inspect equipment prior to energizing and owner training.
12. This Subcontractor shall be responsible for the Switchboard/Panelboard Warranty as indicated in the contract documents.
13. The following items will be by others:
 - a) The Generator, ATS, Switchboard and panelboard installation and final connections
 - b) All wiring
 - c) Feeder connections
 - d) Grounding
 - e) Engraved Labeling
 - f) Cleaning
 - g) Coordination drawings with other trades
14. This Subcontractor shall Furnish and Deliver the engine generator with Level 2 Sound Attenuated Enclosure and Automatic Transfer Switches, including load bank as indicated in the contract documents.
15. This Subcontractor shall assume multiple deliveries to the site or to EC's rigging yard (assumed no greater than 30 miles from site) to maintain project schedule:
 - a) Delivery 1 – Remote Annunciator Panel and Remote Emergency Stop for installation by others prior to generator delivery.
 - b) Delivery 2 – ATS-E & ATS-S
 - c) Delivery 3 – Generator and remaining components
16. This Subcontractor shall be responsible for replacing the air, oil and fuel filters between acceptance test and Substantial Completion.
17. This Subcontractor shall be responsible for the engine generator & ATS full service and maintenance for one-year from date of Owner Acceptance.
18. This Subcontractor is responsible for the special Five-year manufacturer warranty as indicated in the contract documents.
19. This Subcontractor is required to provide mockups as required, in accordance with the Specifications and Architect, Owner or Downes requests.

20. All products shall meet the warranty requirements as set forth in the relevant specification sections. Written warranties shall be signed by the Manufacturer, Installer, and by this Subcontractor.
21. This Subcontractor is required to touch-up all factory finished surfaces which are scratched, bare or become rusty due to shop coating errors, inadequate protection or storage, careless erection procedures, etc., all to the satisfaction of the Architect, Construction Manager and Owner.
22. **GUARANTEE/WARRANTEE PERIOD** – This Subcontractor shall provide full maintenance and warranties for this Scope of Work for **EIGHTEEN (18) MONTHS** from the substantial completion date. Signed Agreements are to be made with the Owner. Substantial Completion will be signified by the issuance of an AIA G704 form. In addition:
1. The above mentioned 18-month warranty is in addition to all Special Warranties identified in the Contract Documents.
 2. This Subcontractor shall warranty that the equipment, materials and workmanship are of good quality and new and that the work shall be free from defects not inherent in the quality required or permitted and that the Work conforms to the Contract Documents.
 3. Provide all necessary extended maintenance agreements, warranties, and guarantees to account for the time period from start-up to substantial completion. This is in addition to the contractually required maintenance agreements, warranties and guarantees.
 4. The Owner's warranty (including all warranties specified) shall be exactly as specified and shall not commence until the final acceptance date.
 5. All materials and equipment are to be "like new" prior to turnover to Owner. Signed Agreements are to be made with the Owner, if applicable.
 6. If the project is Phased and if agreeable to the Architect and Owner, a partial Substantial Completion for the phases will be established signifying the start of Guarantees/Warranties.
 7. Provide additional and special Guarantees/Warranties as may be required per the Specifications.
 8. This Subcontractor is responsible to provide maintenance for all materials and equipment installed under this scope of work until the project substantial completion date.
 9. This Subcontractor is responsible to present the Owner with all special maintenance contracts/agreements required and specified within the Contract Documents prior to substantial completion.
 10. This Subcontractor acknowledges they will provide a full investigation of any warranty claim made by the Owner and shall provide any means / methods required in the field to review such claims at no additional cost.
 11. This Subcontractor is required to participate in any collaborative effort required with other trades in regards to warranty claims made by the Owner at no additional cost.
23. In reference to the Specifications Sections marked with asterisk (*) under Item #2 above please find the following scope clarifications:
24. This Subcontractor shall specifically **EXCLUDE** the following: None
25. The above listed items are NOT intended to be an all-inclusive listing of the scope of work required to be performed by this Subcontractor but merely to highlight major items of work. It is this Subcontractor's sole

responsibility to review all drawings, specifications and other contract documents in order include a complete scope.

26. **BID BREAKDOWN** - This Subcontractor shall provide the following breakdown of their bid in the designated spaces on the Bid Form:

BID BREAKDOWN:				
PRODUCT ID	PRODUCT ID	QUANTITY	LEADTIME (PROVIDED BY BIDDER)	TOTAL (\$) (PROVIDED BY BIDDER)
Submittals/Shop Drawings		Lump Sum		
Delivery/Storage		Lump Sum		
Delivery/Rigging to Site		Lump Sum		
Generator with Level 2 Sound Attenuated Enclosure	Generator	1		
ATS-E	Transfer Switches	1		
ATS-S	Transfer Switches	1		
SWBD-1 - 480-volt w/CT & Main Switch and utility meter enclosure	Switchboard	1		
SWBD-2 - 208-volt	Switchboard	1		
TX-1	Transformer	1		
TX-1E	Transformer	1		
TX-S1	Transformer	1		
DP-E2	Panelboard	1		
DP-S1	Panelboard	1		
DP-S2	Panelboard	1		
RP-SW (Wing D)	Panelboard	1		
SPP-1D (Wing D)	Panelboard	1		
60A Fused Disconnect Switch	Switches	1		
Testing/Startup		Lump Sum		
O&M/Spare Parts/Training		Lump Sum		
Clean-up		Lump Sum		
Closeout (O&Ms)		Lump Sum		
Other (Be specific on bid form)				
Lump Sum Bid Total:				\$ Provided by bidder. Fill in on bid form.

1. **STARTUP CHECKLIST** - This Subcontractor will not be allowed to begin work on the project until the following items have been submitted: Executed Contract, Performance and Payment Bonds, Certificate of Insurance in accordance with the contract documents, Project Specific Safety Plan including SDS sheets, Job Hazard Analysis and other such information requested by the Downes or required by the contract documents. Downes Construction is not responsible for any associated costs incurred prior submission and/or execution of these items.

2. **SUBMITTALS** – Reference Supplemental Instructions Paragraph G.
3. **SCHEDULE** – The schedule included with the bidding documents is provided to give the bidder a general time frame as to when their scope of work will take place. Changes to this schedule during construction will not be grounds for any change orders or claims. This Subcontractor is responsible for providing the Construction Manager a detailed schedule including submittals, deliveries, and man-loading. **This Subcontractor is to understand that this project is a “fast-track” project and they will be held in strict compliance with the time frames included in the preliminary baseline schedule.**

WORK HOURS TO BE INCLUDED IN BASE BID: All Subcontractors are required to work a six (6) day work week. Full crews are to be included. At the conclusion of the work day Friday, if there is work still to be performed by the Trade Contractor, then that contractor will be required to work Saturday. Associated premium time is to be included in the base bid.

4. **CHANGE ORDERS** – Reference Supplemental Instructions Paragraph I.
5. **LABOR AND EQUIPMENT RATES** – Reference Supplemental Instructions Paragraph H.
6. **Liquidated Damages** per section 6.1.6 AIA133 – 2019 will be assessed per schedule phases. Individual trade contractors will be held accountable for any slippage that will hold up milestones & completion as shown on the schedule. It is imperative that all documents required are turned over in a timely manner as to not allow missed dates on the phased schedules. These include but are not limited to the following: Contract execution, COI's, Submittals, RFI's, Fabrication timeline, attending meetings & manpower.
7. **ALLOWANCES** – This Subcontractor shall include the following allowances in their lump sum bids. *(All allowances are to only be used when specifically indicated by the Construction Manager and it is this Subcontractors responsibility to document usage via T&M tickets submitted to the Downes Field Superintendent. Allowance expenditure submissions are required to follow the same procedures as Change Order Requests/Proposals. However, overhead and profit for allowances shall be included in the base bid and cannot be added to expenditure submissions.)* Fill in and complete allowances in the appropriate spaces on the bid form.

Allowance				
1.26.1				
Allowance 1				
	Description	Quantity	Unit Price	Amount
Total Allowance:				Calculate and Fill in On Bid Form)

8. **UNIT PRICES** – In the spaces provided on the Bid Form, indicate the following Unit Pricing requested. (Unit prices will be used to add or deduct from contract price based on project requirements). Also, reference Specifications for additional information:

No.	Description	Unit Price	Unit
See Above	Unit prices as applicable	Provided by bidder. Fill in on bid form.	Provided by bidder. Fill in on bid form.

9. **ALTERNATE BIDS** – See Specifications Sections and as further elaborated and amended below. In the spaces on the bid form, indicate the following alternate pricing as may be applicable to your scope of work. Also, reference Specifications for additional information:

No.	Description	Price
See Specs.	Alternate bids as applicable to this Scope of Work as requested and itemized in Specifications.	Provided by bidder. Fill in on bid form.

END BID PACKAGE #1.26.1 – EARLY RELEASE FOR ELECTRICAL EQUIPMENT



Minimum Rates and Classifications
for Building Construction

ID#: 24-68560

Connecticut Department of Labor
Wage and Workplace Standards Division

By virtue of the authority vested in the Labor Commissioner under provisions of Section 31-53 of the General Statutes of Connecticut, as amended, the following are declared to be the prevailing rates and welfare payments and will apply only where the contract is advertised for bid within 20 days of the date on which the rates are established. Any contractor or subcontractor not obligated by agreement to pay to the welfare and pension fund shall pay this amount to each employee as part of his/her hourly wages.

Project Number:
State#:
Project: Additions and Alterations to Old Greenwich School

Project Town: Greenwich
FAP#:

CLASSIFICATION	Hourly Rate	Benefits
1b) Asbestos/Toxic Waste Removal Laborers: Asbestos removal and encapsulation (except its removal from mechanical systems which are not to be scrapped), toxic waste removers, blasters.**See Laborers Group 7**		
1c) Asbestos Worker/Heat and Frost Insulator	47.06	33.30
2) Boilermaker	46.21	29.35
3a) Bricklayer, Cement Mason, Concrete Finisher (including caulking), Stone Masons	41.11	35.68 + a
3b) Tile Setter	38.81	32.20
3c) Tile and Stone Finishers	32.0	26.69
3d) Marble & Terrazzo Finishers	33.0	25.69
3e) Plasterer	44.52	29.63

-----LABORERS-----

4) Group 1: General laborers, carpenter tenders, concrete specialists, wrecking laborers and fire watchers.	34.5	27.26
4) Group 1a: Acetylene Burners (Hours worked with a torch)	35.5	27.26
4a) Group 2: Mortar mixers, plaster tender, power buggy operators, powdermen, fireproofers/mixer/nozzleman (Person running mixer and spraying fireproof only).	34.75	27.26
4b) Group 3: Jackhammer operators/pavement breaker, mason tender (brick), mason tender (cement/concrete), forklift operators and forklift operators (masonry).	35.0	27.26
4c) **Group 4: Pipelayers (Installation of water, storm drainage or sewage lines outside of the building line with P6, P7 license) (the pipelayer rate shall apply only to one or two employees of the total crew who primary task is to actually perform the mating of pipe sections) P6 and P7 rate is \$26.80.	35.5	27.26
4d) Group 5: Air track operator, sand blaster and hydraulic drills.	35.25	27.26
4e) Group 6: Blasters, nuclear and toxic waste removal.	37.5	27.26
4f) Group 7: Asbestos/lead removal and encapsulation (except it's removal from mechanical systems which are not to be scrapped).	37.5	27.26
4g) Group 8: Bottom men on open air caisson, cylindrical work and boring crew.	35.0	27.26
4h) Group 9: Top men on open air caisson, cylindrical work and boring crew.	34.5	27.26
4i) Group 10: Traffic Control Signalman	20.7	27.26
4j) Group 11: Toxic Waste Removers A or B With PPE	37.5	27.26

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5) Carpenter, Acoustical Ceiling Installation, Soft Floor/Carpet Laying, Metal Stud Installation, Form Work and Scaffold Building, Drywall Hanging, Modular-Furniture Systems Installers, Lathers, Piledrivers, Resilient Floor Layers.	39.54	28.68
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5a) Millwrights	40.56	28.87
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6) Electrical Worker (including low voltage wiring) (Trade License required: E1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	44.0	42.745
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7a) Elevator Mechanic (Trade License required: R-1,2,5,6)	64.01	39.19+a+b
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-----LINE CONSTRUCTION-----

Groundman	26.5	6.5% + 9.00
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Linemen/Cable Splicer	48.19	6.5% + 22.00
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8) Glazier (Trade License required: FG-1,2)	41.63	25.80+ a
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9) Ironworker, Ornamental, Reinforcing, Structural, and Precast Concrete Erection	45.25	41.27 + a
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----OPERATORS----

Group 1: Crane Handling or Erecting Structural Steel or Stone; Hoisting Engineer (2 drums or over). (Trade License Required)	55.42	28.80 + a
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Group 1a: Front End Loader (7 cubic yards or over); Work Boat 26 ft. and Over	50.79	28.80 + a
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Group 2: Cranes (100 ton rate capacity and over); Bauer Drill/Caisson. (Trade License Required)	55.03	28.80 + a
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Group 2a: Cranes (under 100 ton rated capacity).	54.09	28.80 + a
Group 2b: Excavator over 2 cubic yards; Pile Driver (\$3.00 premium when operator controls hammer)	50.4	28.80 + a
Group 3: Excavator; Gradall; Master Mechanic; Hoisting Engineer (all types of equipment where a drum and cable are used to hoist or drag material regardless of motive power of operation), Rubber Tire Excavator (Drott-1085 or similar); Grader Operator; Bulldozer Finegrade. (slopes, shaping, laser or GPS, etc.). (Trade License Required)	49.45	28.80 + a
Group 4: Trenching Machines; Lighter Derrick; CMI Machine or Similar; Koehring Loader (Skooper); Goldhofer.	48.97	28.80 + a
Group 5: Specialty Railroad Equipment; Asphalt Spreader, Asphalt Reclaiming Machine; Line Grinder; Concrete Pumps; Drills with Self Contained Power Units; Boring Machine; Post Hole Digger; Auger; Pounder; Well Digger; Milling Machine (over 24 mandrel).	48.22	28.80 + a
Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller.	48.22	28.80 + a
Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer).	47.83	28.80 + a
Group 7: Asphalt Roller; Concrete Saws and Cutters (ride on types); Vermeer Concrete Cutter; Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24" and under mandrel).	47.4	28.80 + a
Group 8: Mechanic; Grease Truck Operator; Hydroblaster; Barrier Mover; Power Stone Spreader; Welding; Work Boat Under 26 ft.; Transfer Machine; Rigger Foreman.	46.9	28.80 + a
Group 9: Front End Loader (under 3 cubic yards); Skid Steer Loader regardless of attachments; (Bobcat or Similar); Forklift, Power Chipper; Landscape Equipment (including Hydroseeder); Vacuum Excavation Truck and Hydrovac Excavation Truck (27 HG pressure or greater).	46.35	28.80 + a

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Group 10: Vibratory hammer; ice machine; diesel and air, hammer, etc.	43.77	28.80 + a
Group 11: Conveyor, earth roller, power pavement breaker (whiphammer), robot demolition equipment.	43.77	28.80 + a
Group 12: Wellpoint Operator.	43.69	28.80 + a
Group 13: Compressor Battery Operator.	42.97	28.80 + a
Group 14: Elevator Operator; Tow Motor Operator (solid tire no rough terrain).	41.52	28.80 + a
Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator.	41.01	28.80 + a
Group 16: Maintenance Engineer.	40.19	28.80 + a
Group 17: Portable Asphalt Plant Operator; Portable Crusher Plant Operator; Portable Concrete Plant Operator; Portable Grout Plant Operator; Portable Water Filtration Plant Operator.	45.63	28.80 + a
Group 18: Power Safety Boat; Vacuum Truck; Zim Mixer; Sweeper; (Minimum for any job requiring a CDL license); Rigger; Signalman.	42.57	28.80 + a
Surveyor: Chief of Party	45.87	28.80 + a
Surveyor: Assistant Chief of Party	42.3	28.80 + a
Surveyor: Instrument Man	40.7	28.80 + a
Surveyor: Rodman or Chainman	35.03	28.80 + a

-----PAINTERS (Including Drywall Finishing)-----

As of: November 6, 2024

10a) Brush and Roller	38.07	25.80
10b) Taping Only/Drywall Finishing	38.82	25.80
10c) Paperhanger and Red Label	38.57	25.80
10e) Blast and Spray	41.07	25.80
11) Plumber (excluding HVAC pipe installation) (Trade License required: P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2)	49.58	36.15
12) Well Digger, Pile Testing Machine	37.26	24.05 + a
Roofer: Cole Tar Pitch	45.0	23.85 + a
Roofer: Slate, Tile, Composition, Shingles, Singly Ply and Damp/Waterproofing	43.5	23.85 + a
15) Sheetmetal Worker (Trade License required for HVAC and Ductwork: SM-1,SM-2,SM-3,SM-4,SM-5,SM-6)	53.22	46.19
16) Pipefitter (Including HVAC work) (Trade License required: S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4, G-1, G-2, G-8 & G-9)	49.58	36.15
-----TRUCK DRIVERS-----		
17a) 2 Axle, Helpers	33.16	32.36 + a
17b) 3 Axle, 2 Axle Ready Mix	33.27	32.36 + a

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17c) 3 Axle Ready Mix	33.33	32.36 + a
17d) 4 Axle	33.39	32.36 + a
17e) 4 Axle Ready Mix	33.44	32.36 + a
17f) Heavy Duty Trailer (40 Tons and Over)	35.66	32.36 + a
17g) Specialized Earth Moving Equipment (Other Than Conventional Type on-the-Road Trucks and Semi-Trailers, Including Euclids)	33.44	32.36 + a
17h) Heavy Duty Trailer up to 40 tons	34.39	32.36 + a
17i) Snorkle Truck	33.54	32.36 + a
18) Sprinkler Fitter (Trade License required: F-1,2,3,4)	49.98	32.85 + a
19) Theatrical Stage Journeyman	25.76	7.34

Welders: Rate for craft to which welding is incidental.

Surveyors: Hazardous material removal: \$3.00 per hour premium.

*Note: Hazardous waste removal work receives additional \$1.25 per hour for truck drivers.

**Note: Hazardous waste premium \$3.00 per hour over classified rate

Crane with 150 ft. boom (including jib) - \$1.50 extra

Crane with 200 ft. boom (including jib) - \$2.50 extra

Crane with 250 ft. boom (including jib) - \$5.00 extra

Crane with 300 ft. boom (including jib) - \$7.00 extra

Crane with 400 ft. boom (including jib) - \$10.00 extra

All classifications that indicate a percentage of the fringe benefits must be calculated at the percentage rate times the "base hourly rate".

Apprentices duly registered under the Commissioner of Labor's regulations on "Work Training Standards for Apprenticeship and Training Programs" Section 31-51-d-1 to 12, are allowed to be paid the appropriate percentage of the prevailing journeymen hourly base and the full fringe benefit rate, providing the work site ratio shall not be less than one full-time journeyman instructing and supervising the work of each apprentice in a specific trade.

The Prevailing wage rates applicable to this project are subject to annual adjustments each July 1st for the duration of the project.

Each contractor shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.

It is the contractor's responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's website.

The annual adjustments will be posted on the Department of Labor's Web page:

www.ct.gov/dol. For those without internet access, please contact the division listed below.

The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project.

All subsequent annual adjustments will be posted on our Web Site for contractor access.

Contracting Agencies are under no obligation pursuant to State labor law to pay any increase due to the annual adjustment provision.

Effective October 1, 2005 - Public Act 05-50: any person performing the work of any mechanic, laborer, or worker shall be paid prevailing wage

All Person who perform work ON SITE must be paid prevailing wage for the appropriate mechanic, laborer, or worker classification.

All certified payrolls must list the hours worked and wages paid to All Persons who perform work ON SITE regardless of their ownership i.e.: (Owners, Corporate Officers, LLC Members, Independent Contractors, et. al)

Reporting and payment of wages is required regardless of any contractual relationship alleged to exist between the contractor and such person.

~~Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clause (29 CFR 5.5 (a) (1) (ii)).

Please direct any questions which you may have pertaining to classification of work and payment of prevailing wages to the Wage and Workplace Standards Division, telephone (860)263-6790.

As of: November 6, 2024

As of: November 6, 2024