

# **Duluth Transit Authority**

## **REQUEST for BIDS**

**FOR**

## **DTC VESTIBULE WINDBREAK**

**February 24, 2020**

**Duluth Transit Authority**

2402 W. Michigan St · Duluth, MN 55806

(218) 623-4329 fax: (218) 722-4428

email: [nbrown@duluthtransit.com](mailto:nbrown@duluthtransit.com)

**Duluth Transit Authority  
Request for Bids  
DTC Vestibule Windbreak**

The Duluth Transit Authority ("DTA") hereby requests bids to install glass partitions and doors in the 4<sup>th</sup> floor vestibule at the Duluth Transportation Center, 228 West Michigan Street, Duluth, MN 55802.

Specifications are available at the DTA and may be Emailed or mailed to prospective contractors. Contact (218) 623-4329 or [nbrown@duluthtransit.com](mailto:nbrown@duluthtransit.com).

Responses must be received no later than **2:00 p.m. on Thursday, March 12, 2020.**

The DTA is committed to ensuring that no person is excluded from participation in or denied the benefits of its programs and services on the basis of race, creed, color, national origin, sex, age, disability, or veteran's status, and encourages the participation of small and disadvantaged business enterprises in the performance of this contract. The DTA reserves the right to accept or reject any and/or all bids in the best interest of the Authority.

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## Section 1                    **General Conditions**

### A        **REQUEST FOR Bids**

- 1) The DTA is requesting Bids for Vestibule Windbreak at the Duluth Transportation Center located at 228 West Michigan Street, Duluth, MN 55802.
- 2) Bids shall be on the proposed rates and costs for the project under the requirements and conditions set forth herein.
- 3) Proposed prices shall be good for 90 days after the Bid due date.
- 4) The DTA shall not be under any obligation for payment of precontractual expenses, including expenses for preparing or submitting a Bid in response to this request, negotiating with the DTA on any matter related to this Request For Bids ("RFB"), and/or other expenses incurred by the Bidder prior to the date of award.
- 5) Bids are due at **2:00 p.m. on Thursday, March 12, 2020** at the DTA offices, 2402 West Michigan Street, Duluth, MN 55806.
- 6) The DTA will hold a **prebid conference** at **10:00 a.m. on Tuesday, March 12, 2020** at the Duluth Transportation Center, 228 West Michigan Street, Duluth, MN 55802. A tour of the project site will follow. Attendance is not mandatory, but strongly encouraged.
- 7) The DTA intends to award the contract to the responsible Bidder as early as March 20, 2020.
- 8) This project is paid for in part by a grant from the Federal Transit Administration, CFDA number 20-507, grant number MN-90-0350.
- 9) Throughout these specifications the words "equipment", "materials", and "work" can be interpreted as interchangeable.
- 10) All inquiries and other correspondence relating to this RFB shall be with the Procurement Manager and addressed to: Procurement Manager, Duluth Transit Authority, 2402 West Michigan St., Duluth, MN 55806, or emailed to [nbrown@duluthtransit.com](mailto:nbrown@duluthtransit.com).
- 11) The DTA will make the award to the responsible Bidder whose Bid is most advantageous to the DTA.
- 12) Bids must be submitted on the forms attached. All blanks in the form must be completed with ink or typewriter. Bids containing alterations or erasures may be rejected unless the alteration or erasure is corrected by crossing out the error, inserting the correction adjacent thereto with ink or typed and initialing the correction in ink by the person signing the Bid. In the event any price term is expressed by the Bidder in both written and numerical form, the written representation shall govern in the event of an inconsistency.
- 13) Bids shall not stipulate any condition not contained in the specifications and other documents submitted for review.
- 14) Each Bid and all papers bound and attached thereto, shall be placed and securely sealed in an envelope marked **"DTC Vestibule Windbreak"** and mailed or delivered to: Procurement Manager, Duluth Transit Authority, 2402 West Michigan Street, Duluth MN 55806. Bids must be received by the deadline. Time means local time in Duluth, Minnesota. Bids received after such time will not be considered. The DTA reserves the right to accept or reject any and/or all Bids in the best interest of the DTA.
- 15) No bonds are required for this project.
- 16) The price quoted shall include all items of services, labor, material, alterations, tools, equipment and other costs necessary to fully complete the production and delivery of the equipment or services pursuant to these specifications. It is the intention of these specifications to provide and require complete equipment and/or services of the type prescribed herein. Any items omitted from the specifications which are clearly necessary for the performance of the work shall be considered included in the Bid although not directly specified or called for in these specifications. No advantage shall be taken by the Bidder in the omission of any part or detail which goes to make the equipment complete and ready for service or use, or to perform the services as herein required.

- 17) Protests of this procurement will only be accepted from prospective bidders or offerors whose direct economic interest would be affected by the award of the work. Protest instructions can be found at the Duluth Transit Authority website, [www.duluthtransit.com](http://www.duluthtransit.com).
- 18) The DTA is exempt from payment of the Federal excise, transportation tax, Minnesota State sales tax and City of Duluth City sales tax.
- 19) The Respondent shall disclose all subcontractors and their involvement in the project at the time of submittal. The Contractor shall insert the required Federal and State provisions in every subcontract.
- 20) In accordance with Minnesota §337.10(3), Contractor shall pay any subcontractor or material supplier within ten (10) days of receipt by the party responsible for payment of payment of undisputed services provided by the party requesting payment. The Contractor shall pay interest of at least one and one half percent (1-1/2%) per month to the party requesting payment on any undisputed amount not paid on time. The minimum monthly interest payment for an unpaid balance of \$100 or more is \$10. For an unpaid balance of less than \$100, the party responsible for payment shall pay the actual penalty due to the party requesting payment. A party requesting payment who prevails in a civil action to collect interest penalties from a party responsible for payment must be awarded its costs and disbursements, including attorney's fees incurred in bringing the action. Contractor shall further require this provision to be included in all contracts between subcontractors and sub-subcontractors of any tier.
- 21) In accordance with Minnesota §181.59, "DISCRIMINATION ON ACCOUNT OF RACE, CREED OR COLOR PROHIBITED IN CONTRACT" The Contractor hereby agrees to, and shall cause the following to be inserted in every subcontract:
  - (1) that, in the hiring of common or skilled labor for the performance of any work under any contract or subcontract, no contractor, material supplier or vendor, shall, by reason of race, creed, or color, discriminate against the person or persons who are citizens of the United States or resident aliens who are qualified and available to perform the work to which the employment relates;
  - (2) that no contractor, material supplier, or vendor, shall, in any manner, discriminate against, or intimidate, or prevent the employment of any person or persons identified in clause (1) of this section, or on being hired, prevent, or conspire to prevent, the person or persons from the performance of work under any contract on account of race, creed, or color;
  - (3) that a violation of this section is a misdemeanor; and
  - (4) that this contract may be canceled or terminated by the state, county, city, or the Duluth Transit Authority, or any other person authorized to grant the contracts for employment, and all money due, or to become due under the contract, may be forfeited for a second or any subsequent violation of the terms or conditions of this contract.

## Section 2. Federal Transit Administration Contract Clauses

### 1) ACCESS TO RECORDS 49 U.S.C. § 5325(g).

- a. Records Retention. The Contractor will retain, and will requires its subcontractors of all tiers to retain, complete and readily accessible records related in whole or in part to the contract; including, but not limited to, data, documents, reports, statistics, sub-agreements, leases, subcontracts, arrangements, other third-party agreements of any type, and supporting materials related to those records.
- b. Retention Period. The Contractor agrees to comply with the record retention requirements in accordance with 2 C.F.R. § 200.333. The Contractor shall maintain all books, records, accounts and reports required under this Contract for a period of not less than three (3) years after the date of termination or expiration of this Contract, except in the event of litigation or settlement of claims arising from the performance of this Contract, in which case records shall be maintained until the disposition of all such litigation claims or exceptions related thereto.
- c. Access to Records. The Contractor agrees to provide sufficient access to FTA and its contractors to inspect and audit records and information related to performance of this contract as reasonably may be required.
- d. Access to the Sites of Performance. The Contractor agrees to permit FTA and its contractors access to the sites of performance under this Contract as reasonably may be required.

### 2) CIVIL RIGHTS LAWS AND REGULATIONS

The Duluth Transit Authority is an Equal Opportunity Employer. As such, the Duluth Transit Authority agrees to comply with all applicable Federal civil rights laws and implementing regulations. Apart from inconsistent requirements imposed by Federal laws or regulations, the Duluth Transit Authority agrees to comply with the requirements of 49 U.S.C. §5323(h) (3) by not using any Federal assistance awarded by FTA to support procurements using exclusionary or discriminatory specifications.

Under this Agreement, the Contractor shall at all times comply with the following requirements and shall include these requirements in each subcontract entered into as part thereof.

1. **Nondiscrimination.** In accordance with Federal transit law at 49 U.S.C. §5332, the Contractor agrees that it will not discriminate against any employee or applicant for employment because of race, color, religion, national origin, sex, disability, or age. In addition, the Contractor agrees to comply with applicable Federal implementing regulations and other implementing requirements FTA may issue.
2. **Race, Color, Religion, National Origin, Sex.** In accordance with Title VII of the Civil Rights Act, as amended, 42 U.S.C. §5332, the Contractor agrees to comply with all applicable equal employment opportunity requirements of U.S. Department of Labor (U.S. DOL) regulations, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 C.F.R. Chapter 60, and Executive Order No. 11246, "Equal Employment Opportunity in Federal Employment", September 24, 1965, 42 U.S.C. §2000e note, as amended by any later Executive Order that amends or supersedes it, referenced in 42 U.S.C. §2000e note. The Contractor agrees to take affirmative action to ensure that applicants be employed, and that employees are treated during employment, without regard to their race, color, religion, national origin, or sex (including sexual orientation and gender identity). Such action shall include, but not be limited to, the following: employment, promotion, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.
3. **Age.** In accordance with the Age Discrimination in Employment Act, 29 U.S.C. §§ 621-634, U.S. Equal Employment Opportunity Commission (U.S. EEOC) regulations, "Age Discrimination in Employment Act," 29 C.F.R. Part 1625, the Age Discrimination Act of 1975, as amended, 42 U.S.C. §6101 *et. Seq.*, U.S. Health and Human Services regulations, "Nondiscrimination on the Basis of Age in Programs or Activities Receiving Federal Financial Assistance," 45 C.F.R. Part 90, and Federal transit law at 49 U.S.C. §5332, the Contractor agrees to refrain from discrimination against present and prospective employees for the reason of age. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.
4. **Disabilities.** In accordance with Section 504 of the Rehabilitation Act of 1973, as amended, 29 U.S.C. §794, the Americans with Disabilities Act of 1990, as amended, 42 U.S.C. §12101 *et. Seq.*, the Architectural Barriers Act of 1968, as amended, 42 U.S.C. §4151 *et. Seq.*, and Federal transit law at 49 U.S.C. §4332, the Contractor agrees that it will not discriminate against individuals on the basis of disability. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.

**3) DISADVANTAGED BUSINESS ENTERPRISE (DBE) 49 CFR Part 26**

It is the policy of the Duluth Transit Authority and the United States Department of Transportation ("DOT") that Disadvantaged Business Enterprises ("DBE's"), as defined herein and in the Federal regulations published at 49 C.F.R. Part 26, shall have an equal opportunity to participate in DOT-assisted contracts. It is also the policy of the Duluth Transit Authority to:

1. ensure nondiscrimination in the award and administration of DOT-assisted contracts;
2. Create a level playing field on which DBE's can compete fairly for DOT-assisted contracts;
3. Ensure that the DBE program is narrowly tailored in accordance with applicable law;
4. Ensure that only firms that fully meet 49 C.F.R. Part 26 eligibility standards are permitted to participate as DBEs;
5. Help remove barriers to the participation of DBEs in DOT assisted contracts;
6. To promote the use of DBEs in all types of federally assisted contracts and procurement activities; and
7. Assist in the development of firms that can compete successfully in the marketplace outside the DBE program.

This contract is subject to the requirements of Title 49, Code of Federal Regulations, Part 26. Therefore, the Contractor must satisfy the requirements for DBE participation as set forth herein. These requirements are in addition to all other equal opportunity employment requirements of this Contract. The Duluth Transit Authority shall make all determinations with regard to whether or not a Bidder/Offeree is in compliance with the requirements stated herein. In assessing compliance, the Duluth Transit Authority may consider during its review of the Bidder/Offeree's submission package, the Bidder/Offeree/s documented history of non-compliance with DBE requirements on previous contracts with the Duluth Transit Authority.

**Contractor Assurance**

The contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this Contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as Duluth Transit Authority deems appropriate, which may include, but is not limited to:

1. Withholding monthly progress payments
2. Assessing sanctions;
3. Liquidated damages; and/or
4. Disqualifying the contractor from future bidding as non-responsible. 49 C.F.R. §26.13(b).

**DBE Participation**

For purposes of this Contract, the Duluth Transit Authority will only accept DBEs who are:

1. Certified at the time of the bid opening or proposal evaluation by the Unified Certification Program; or
2. An out of state firm who has been certified by either a local government, state government or Federal government entity authorized to certify DBE status or an agency whose DBE certification process has received FTA approval; or
3. Certified by another agency approved by the Duluth Transit Authority.

**DBE Participation Goal**

There is no DBE participation goal for this Contract.

The contractor is required to pay its subcontractors performing work related to this contract for satisfactory performance of that work no later than 30 days after the contractor's receipt of payment for that work from the Duluth Transit Authority or in accordance with state statutes, whichever is more restrictive. In addition, the contractor is required to return any retainage payments to those subcontractors within 30 days (or in accordance with state law, whichever is more restrictive) after the subcontractor's work related to this contract is satisfactorily completed.

The contractor must promptly notify Duluth Transit Authority, whenever a DBE subcontractor performing work related to this contract is terminated or fails to complete its work, and must make good faith efforts to engage another DBE subcontractor to perform at least the same amount of work. The contractor may not terminate any DBE subcontractor and perform that work through its own forces or those of an affiliate without prior written consent of Duluth Transit Authority.

**4) EMPLOYEE PROTECTIONS** 49 U.S.C. §5333(a), 40 U.S.C. §§3141-3148; 29 C.F.R. Part 5, 18 U.S.C. §874; 29 C.F.R. Part 3, 40 U.S.C. §§3701-3708, 29 C.F.R. Part 1926

**Prevailing Wage and Anti-Kickback**

For all prime construction, alteration or repair contracts in excess of \$2,000 awarded by FTA, the Contractor shall comply with the Davis-Bacon Act and the Copeland "Anti-Kickback" Act. Under 49 U.S.C. § 5333(a), prevailing wage protections apply to laborers and mechanics employed on FTA assisted construction, alteration, or repair projects. The Contractor will comply with the Davis-Bacon Act, 40 U.S.C. §§ 3141-3144, and 3146-3148 as supplemented by DOL regulations at 29 C.F.R. part 5, "Labor Standards Provisions Applicable to Contracts Governing Federally Financed and Assisted Construction." In accordance with the statute, the Contractor shall pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, the Contractor agrees to pay wages not less than once a week. The Contractor shall also comply with the Copeland "Anti-Kickback" Act (40 U.S.C. § 3145), as supplemented by DOL regulations at 29 C.F.R. part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in part by Loans or Grants from the United States." The Contractor is prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled.

**5) ENERGY CONSERVATION REQUIREMENTS** 42 U.S.C. 6321 et seq. 49 CFR Part 622, Subpart C  
**Energy Conservation** – The contractor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act.

**6) NO GOVERNMENT OBLIGATION TO THIRD PARTIES**

The DTA and Contractor acknowledge and agree that, notwithstanding any concurrence by the Federal Government in or approval of the solicitation or award of the underlying Contract, absent the express written consent by the Federal Government, the Federal Government is not a party to this Contract and shall not be subject to any obligations or liabilities to the Recipient, Contractor or any other party (whether or not a party to that contract) pertaining to any matter resulting from the underlying Contract. The Contractor agrees to include the above clause in each subcontract financed in whole or in part with Federal assistance provided by the FTA. It is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to its provisions.

**7) PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS AND RELATED ACTS** 49 U.S.C. § 5323(l) (1), 31 U.S.C. §§ 3801-3812; 18 U.S.C. § 1001, 49 C.F.R. part 31  
**Program Fraud and False or Fraudulent Statements or Related Acts**

The Contractor acknowledges that the provisions of the Program Fraud Civil Remedies Act of 1986, as amended, 31 U.S.C. § 3801 et seq. and U.S. DOT regulations, "Program Fraud Civil Remedies," 49 C.F.R. part 31, apply to its actions pertaining to this Project. Upon execution of the underlying contract, the Contractor certifies or affirms the truthfulness and accuracy of any statement it has made, it makes, it may make, or causes to be made, pertaining to the underlying contract or the FTA assisted project for which this contract work is being performed. In addition to other penalties that may be applicable, the Contractor further acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on the Contractor to the extent the Federal Government deems appropriate.

The Contractor also acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government under a contract connected with a project that is financed in whole or in part with Federal assistance originally awarded by FTA under the authority of 49 U.S.C. chapter 53, the Government reserves the right to impose the penalties of 18 U.S.C. § 1001 and 49 U.S.C. § 5323(l) on the Contractor, to the extent the Federal Government deems appropriate.

The Contractor agrees to include the above two clauses in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that the clauses shall not be modified, except to identify the subcontractor who will be subject to the provisions.

**8) RECYCLED PRODUCTS** 42 U.S.C. § 6962, 40 C.F.R. part 247; 2 C.F.R. part § 200.322  
**Recovered Materials**

The Contractor agrees to provide a preference for those products and services that conserve natural resources, protect the environment, and are energy efficient by complying with and facilitating compliance with Section



6002 of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. § 6962, and U.S. Environmental Protection Agency (U.S. EPA), "Comprehensive Procurement Guideline for Products Containing Recovered Materials," 40 C.F.R. part 247.

**9) SAFE OPERATION OF MOTOR VEHICLES** 23 U.S.C. part 402, Executive Order No. 13043; Executive Order No. 13513, U.S. DOT Order No. 3902.10

**Safe Operation of Motor Vehicles**

**Seat Belt Use**

The Contractor is encouraged to adopt and promote on-the-job seat belt use policies and programs for its employees and other personnel that operate company-owned vehicles, company-rented vehicles, or personally operated vehicles. The terms "company-owned" and "company-leased" refer to vehicles owned or leased either by the Contractor or the Duluth Transit Authority.

**Distracted Driving**

The Contractor agrees to adopt and enforce workplace safety policies to decrease crashes caused by distracted drivers, including policies to ban text messaging while using an electronic device supplied by an employer, and driving a vehicle the driver owns or rents, a vehicle Contractor owns, leases, or rents, or a privately-owned vehicle when on official business in connection with the work performed under this agreement.

**10) TERMINATION** 2 C.F.R. § 200.339, 2 C.F.R. part 200, Appendix II (B)

**Termination for Convenience (General Provision)**

The Duluth Transit Authority may terminate this contract, in whole or in part, at any time by written notice to the Contractor when it is in the Duluth Transit Authority's best interest. The Contractor shall be paid its costs, including contract close-out costs, and profit on work performed up to the time of termination. The Contractor shall promptly submit its termination claim to the Duluth Transit Authority to be paid the Contractor. If the Contractor has any property in its possession belonging to the Duluth Transit Authority, the Contractor will account for the same, and dispose of it in the manner the Duluth Transit Authority directs.

**Termination for Default [Breach or Cause] (General Provision)**

If the Contractor does not deliver supplies in accordance with the contract delivery schedule, or if the contract is for services, the Contractor fails to perform in the manner called for in the contract, or if the Contractor fails to comply with any other provisions of the contract, the Duluth Transit Authority may terminate this contract for default. Termination shall be effected by serving a Notice of Termination on the Contractor setting forth the manner in which the Contractor is in default. The Contractor will be paid only the contract price for supplies delivered and accepted, or services performed in accordance with the manner of performance set forth in the contract.

If it is later determined by the Duluth Transit Authority that the Contractor had an excusable reason for not performing, such as a strike, fire, or flood, events which are not the fault of or are beyond the control of the Contractor, the Duluth Transit Authority, after setting up a new delivery or performance schedule, may allow the Contractor to continue work, or treat the termination as a Termination for Convenience.

**Opportunity to Cure (General Provision)**

The Duluth Transit Authority, in its sole discretion may, in the case of a termination for breach or default, allow the Contractor ten (10) days in which to cure the defect. In such case, the Notice of Termination will state the time period in which cure is permitted and other appropriate conditions to cure the defect.

If Contractor fails to remedy to the Duluth Transit Authority's satisfaction the breach or default of any of the terms, covenants, or conditions of this Contract within ten (10) days after receipt by Contractor of written notice from the Duluth Transit Authority setting forth the nature of said breach or default, the Duluth Transit Authority shall have the right to terminate the contract without any further obligation to Contractor. Any such termination for default shall not in any way operate to preclude the Duluth Transit Authority from also pursuing all available remedies against Contractor and its sureties for said breach or default.

**Waiver of Remedies for any Breach**

In the event that the Duluth Transit Authority elects to waive its remedies for any breach by Contractor of any covenant, term or condition of this contract, such waiver by the Duluth Transit Authority shall not limit the Duluth Transit Authority's remedies for any succeeding breach of that or of any other covenant, term, or condition of this contract.

**Section 3. Contract (example for bidding purposes)**

This Agreement, made this \_\_\_\_ day of \_\_\_\_, 2020, by and between \_\_\_\_, a \_\_\_\_ (corporation) \_\_\_\_, hereafter referred to as "Contractor", and the Duluth Transit Authority, 2402 W. Michigan St., Duluth, MN, hereafter referred to as "DTA". The DTA and Contractor agree as set forth below.

**ARTICLE 1 THE CONTRACT DOCUMENTS**

The Contract Documents in priority order consist of Federal Transit Administration Contract Clauses, this Contract; Request for Bids (Procurement # 041-20-0350.4) dated February 24, 2020, including the General Conditions, Technical Specifications and Drawings; prevailing wage schedules, all addenda issued prior to and all modifications issued after execution of the Contract; the executed Bid form; all as fully a part of the Contract as if attached to this Contract or repeated herein.

**ARTICLE 2 THE WORK**

The Contractor shall perform the work required by the Contract Documents for this Request for Bids in accordance with the generally accepted standards of the profession for services of this type.

**ARTICLE 3 TIME OF COMMENCEMENT AND SUBSTANTIAL COMPLETION**

The Work to be performed under this Contract shall begin in no later than thirty (30) days after "notice to proceed" from the DTA and completed no later than August 31, 2020 unless terminated earlier as set forth herein.

**ARTICLE 4 CONTRACT SUM**

The DTA shall pay the Contractor in current funds for the performance of the work as set forth in Contractor's Bid dated \_\_\_\_, subject to additions and deductions by Change Orders as provided in the Contract Documents in the amount accepted.

**ARTICLE 5 PAYMENTS TO CONTRACTOR**

Terms of payment shall be thirty (30) days net from the conclusion of the month for which payment is due, unless a discount for earlier payment is solicited by the DTA and offered by the Contractor. The DTA may withhold five percent (5%) retainage in accordance with state and local law. Payment for Contractor's services may also be withheld where the services are in dispute, where the services or any claimed reimbursable expenses are not documented or warranted, or when the service was not performed in accordance with the terms of the Contract Documents.

Payment does not imply acceptance of work. The granting of any progress payment or payments by DTA, or the receipt thereof by the Contractor, shall not constitute in any sense acceptance of the work or any portion thereof, and shall in no way lessen the requirement of the Contractor to replace unsatisfactory work or material, though the unsatisfactory character of such work or material may not have been apparent or detected at the time such payment was made. Material, components or workmanship which does not conform to the instruction of these contract requirements and specifications or are not equal to samples submitted to and approved by the DTA Project Manager will be rejected and shall be replaced by the Contractor without delay.

**ARTICLE 6 CONTRACTOR CHANGES**

The DTA or the Contractor may, from time to time, request changes in the scope of the services to be performed hereunder. Such changes, including the increase or decrease in the amount of the Contractor's compensation, which are mutually agreed upon by and between the DTA and the Contractor, shall be incorporated in written amendments to the Contract.

## ARTICLE 7 INDEMNIFICATION

The Contractor shall defend, indemnify and save the DTA, ATE Management of Duluth, and First Transit, Inc., harmless from all costs, charges, damages, and loss of any kind that may grow out of the matter covered by this Contract. Said obligation does not include indemnification of the DTA, ATE Management of Duluth, and First Transit, Inc. for claims of liability arising out of the sole negligent or intentional acts or omissions of the DTA, ATE Management of Duluth, and First Transit, Inc., but shall include, but not be limited to, the obligation to defend, indemnify and save harmless the DTA, ATE Management of Duluth and First Transit, Inc. in all cases where claims of liability against the DTA, ATE Management of Duluth, and First Transit, Inc., arise out of acts or omissions of the DTA, ATE Management of Duluth, and First Transit, Inc. which are derivative of the negligence or intentional acts or omissions of Contractor, such as, and including but not limited to, the failure to supervise, the failure to warn, the failure to prevent such act or omission by Contractor and other of such source of liability. In addition, Contractor will comply with all local, state and federal laws, rules and regulations applicable to this Contract and to the work to be done and things to be supplied hereunder.

## ARTICLE 8 INSURANCE

- a. Contractor shall provide the following minimum amounts of insurance from insurance companies authorized to do business in the state of Minnesota, which insurance shall indemnify Contractor and the DTA, ATE Management of Duluth and First Transit, Inc. from all liability described in the paragraph above.
- (1) Workers' compensation in accordance with the laws of the state of Minnesota.
  - (2) Public Liability and Automobile Liability Insurance with limits not less than \$1,500,000 Single Limit and twice the limits provided when a claim arises out of the release or threatened release of a hazardous substance; shall be in a company approved by the DTA; and shall provide for the following: Liability for Premises, Operations, Completed Operations, Independent Contractors, and Contractual Liability.
  - (3) DTA, ATE Management of Duluth, and First Transit, Inc. shall be named as an **Additional Insured** under the Public Liability, Excess/Umbrella Liability\* and Automobile Liability, or as an alternate, Contractor may provide Owners-Contractors Protective policy, naming itself and the DTA, ATE Management of Duluth and First Transit, Inc. Contractor shall also provide evidence of Statutory Minnesota Worker's Compensation Insurance. Contractor to provide Certificate of Insurance evidencing such coverage with 30-days' notice of cancellation, non-renewal or material change provisions included. The DTA does not represent or guarantee that these types or limits of coverage are adequate to protect the Contractor's interests and liabilities.

*\*An umbrella policy with a "following form" provision is acceptable if written verification is provided that the underlying policy names the DTA, ATE Management of Duluth and First Transit, Inc. as an additional insured.*

- (4) If a certificate of insurance is provided, the form of the certificate shall contain an unconditional requirement that the insurer notify the DTA without fail not less than 30 days prior to any cancellation, non-renewal or modification of the policy or coverages evidenced by said certificate and shall further provide that failure to give such notice to DTA will render any such change or changes in said policy or coverages ineffective as against the DTA, ATE Management of Duluth, and First Transit, Inc.

- b. The insurance required herein shall be maintained in full force and effect during the life of this Agreement and shall protect Contractor, its employees, agents and representatives from claims and damages including but not limited to personal injury and death and any act or failure to act by Contractor, its employees, agents and representatives in the negligent performance of work covered by this Agreement.
- c. Certificates showing that Contractor is carrying the above described insurance in the specified amounts shall be furnished to the DTA prior to the execution of this Contract and a certificate showing continued maintenance of such insurance shall be on file with the DTA during the term of this Contract.
- d. Contractor shall be required to provide insurance meeting the requirements of this Paragraph unless Contractor successfully demonstrates to the satisfaction of the City Attorney, in the exercise of his or her discretion, that such insurance is not reasonably available in the market. If Contractor demonstrates to the satisfaction of the City Attorney that such insurance is not reasonably available, the City Attorney may approve an alternative form of insurance which is reasonably available in the market which he or she deems to provide the highest level of insurance protection to the DTA, ATE Management of Duluth, and First Transit, Inc.

## ARTICLE 9 RECORDS AND INSPECTIONS

- a. **Establishment and Maintenance of Records**  
Records shall be maintained by Contractor in accordance with requirements prescribed by DTA and with respect to all matters covered by this Agreement. Such records shall be maintained for a period of six (6) years after receipt of final payment under this Project.
- b. **Documentation of Costs**  
Contractor will ensure that all costs shall be supported by properly executed payrolls, time records, invoices, contracts, vouchers or other official documentation evidencing in proper detail the nature and propriety of the charges. All checks, payrolls, invoices, contracts, vouchers, orders or other accounting documents pertaining in whole or in part to this Agreement shall be clearly identified and readily accessible.
- c. **Reports and Information**  
Contractor shall be responsible for furnishing to DTA records, data and information as DTA may require pertaining to matters covered by this Agreement.
- d. **Audits and Inspections**  
Contractor shall ensure that at any time during normal business hours and as often as DTA may deem necessary, there shall be made available to DTA for examination, all of its records with respect to all matters covered by this Agreement. Contractor will also permit DTA to audit, examine and make excerpts or transcripts from such records, and to make audits of all contracts, invoices, materials, payrolls, records of personnel, conditions of employment, and other data relating to all matters covered by this Agreement.
- e. **Confidentiality of Information**  
Contractor must comply with the Minnesota Government Data Practices Act, Minnesota Statutes Chapter 13, as it applies to all data provided by the DTA under this contract, and as it applies to all data created, collected, received, stored, used, maintained or disseminated by

Contractor under this contract. The civil remedies of Minnesota Statutes Section 13.08 apply to the release of the data referred to in this clause by the Contractor. If Contractor receives a request to release data referred to in this clause, Contractor must immediately notify the DTA and consult with the DTA as to how Contractor should respond to the request. Contractor's response to the request must comply with applicable law.

f. Ownership of Data

All survey notes, reports, design plans, specifications, special studies, records and other data prepared under this Agreement shall become the property of DTA when prepared and shall be delivered to the DTA upon completion or termination of the services of Contractor or at such earlier time as requested by the DTA.

ARTICLE 10 INDEPENDENT CONTRACTOR

At all times and for all purposes hereunder, Contractor shall be an independent contractor and is not an employee of the DTA for any purpose. No statement contained in this Agreement shall be construed so as to find Contractor to be an employee of the DTA, and Contractor shall not be entitled to any of the rights, privileges, or benefits of employees of the DTA, including, but not limited to, workers' compensation, health/death benefits, and indemnification for third-party personal injury/property damage claims.

ARTICLE 11 SEVERABILITY

In the event any provision herein shall be deemed invalid or unenforceable, the remaining provisions shall continue in full force and effect and shall be binding upon the parties to this Contract.

ARTICLE 12 COMMUNICATIONS

Communications in connection with this Contract shall be in writing and shall be delivered personally; or by e-mail; or by regular, registered, or certified mail addressed to the officer(s) or employee(s) of the DTA and of the Contractor designated to receive such communications. Telephone calls may be used to expedite communications but shall not be official communication unless confirmed in writing.

Designation for DTA

Jim Caywood, Director of Maintenance

Designation for Contractor

ARTICLE 13 EXTENT OF AGREEMENT

This Agreement represents the entire and integrated agreement between the DTA and the Contractor and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both DTA and Contractor.

ARTICLE 14 GOVERNING LAW

This Agreement shall be governed by the applicable laws of the City of Duluth and State of Minnesota. The appropriate venue and jurisdiction for any litigation hereunder shall be in the court located in St. Louis County, Minnesota. However, litigation in Federal Courts involving the parties shall be in the appropriate federal court in the State of Minnesota.

ARTICLE 15 RIGHTS AND REMEDIES

The duties and obligations imposed by the Contract and the rights and remedies hereunder shall be in addition to and not in limitation of any duties, obligations, rights and remedies otherwise imposed or available by law.

Failure of the DTA to act shall in no way constitute a waiver of any right or duty afforded to it under the Contract, nor shall any such action or failure to act constitute an approval of or an acquiescence in any breach of this Contract, except as may be specifically agreed to in writing by the DTA.

**ARTICLE 16            DELAYS**

Contractor shall notify DTA in writing of any delays, including all relevant details, immediately upon encountering any difficulties which threaten to delay the timely performance of this Contract, and may at that time or subsequently request an extension of the delivery date or schedule. However, such notification or request or acceptance of belated equipment shall not constitute acceptance of the delay, or request for extension, without written acceptance by DTA as a change in the Contract.

**ARTICLE 17            NO THIRD PARTY RIGHTS**

This Agreement is to be construed and understood solely as an Agreement between the DTA and shall not be deemed to create any rights in any other person. No person shall have the right to make claim that she or he is a third-party beneficiary of this Agreement or of any of the terms and conditions hereof, which, as between the DTA, may be waived at any time by mutual agreement.

**ARTICLE 18            CANCELLATION**

The DTA shall have the right to cancel this Agreement if monies are not appropriated by the funding department or agency for purposes of this Agreement.

**ARTICLE 19            PROVISIONS HELD INVALID**

If any provision of this Agreement is held invalid, such holding shall not affect the validity of the reminder of the Agreement.

**Section 4**    Formal Bid Form                      "DTC Vestibule Windbreak"

NOTE: All Bids must be written, signed and transmitted in a sealed envelope, plainly marked with subject matter and opening date.

Return one copy of the Bid with details of products used.

**No bonds are required for this project.**

TAX: Federal Excise Tax Exemption Account No. 41740056K; The DTA is State and City Tax Exempted.

**Base Bid: Total maximum all-inclusive price to construct the DTC 4<sup>th</sup> floor vestibule windbreak in accordance with the specifications herein:**

\$ \_\_\_\_\_

**Total written in words:**

\_\_\_\_\_  
\_\_\_\_\_

Contractor must separately submit all details of proposed work, including materials, warranty, information, a detailed dust control plan, and timeline for the work to be completed as specified herein.

Firm Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Addendum Acknowledgment  
Number                      Date Rec'd

\_\_\_\_\_  
CITY                      STATE                      ZIP CODE

By: \_\_\_\_\_  
(PRINT NAME)                      TITLE                      PHONE NO.

\_\_\_\_\_  
Signature                      Date: \_\_\_\_\_

\_\_\_\_\_  
Email

**3.1. Small or Disadvantaged Business Enterprise, Veteran-owned Business (including Service Disabled Veteran Business Enterprises)**

1. Is the Contractor's firm or organization registered as a Small Business under the Small Business Administration's 8(a) Business Development Program, HUBZone business, or other development program through the SBA?

No \_\_\_\_\_ Yes \_\_\_\_\_ (If yes, please provide a copy of the registration.)

2. Is the Contractor's firm or organization certified or registered as a Small Business, a Disadvantaged Business Enterprise, or a Veteran-owned business (including Service-Disabled Veteran-owned business) by a government agency authorized to certify or register the above noted entities?

No \_\_\_\_\_ Yes \_\_\_\_\_ (If yes, please provide details and copies of the applicable registration or certification.)

The Contractor agrees to take all necessary steps to ensure that DBEs have the opportunity to compete for and perform work under this Contract.

The Contractor or Subcontractor shall not discriminate on basis of race, color, national origin or gender in the performance of this contract. Contractor shall carry out applicable requirements of 49 C.F.R. Part 26 in the award and administration of U.S. DOT assisted contracts. Failure by the Contractor or Subcontractor to carry out these requirements is a material breach of the contract, which may result in the termination of this contract or such other remedy as the DTA deems appropriate.

Signed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_:

\_\_\_\_\_

Title \_\_\_\_\_



3.2

**Subcontractors and Suppliers Listing**

List each subcontractor and/or supplier included in the Bid. Subcontractors or Suppliers that are registered or certified S/DBEs must provide proof and the name of the certifying agency **prior to commencing work.**

Subcontractor: \_\_\_\_\_ Type of work: \_\_\_\_\_  
S/DBE or Veteran owned? \_\_\_\_\_

Subcontractor: \_\_\_\_\_ Type of work: \_\_\_\_\_  
S/DBE or Veteran owned? \_\_\_\_\_

Subcontractor: \_\_\_\_\_ Type of work: \_\_\_\_\_  
S/DBE or Veteran owned? \_\_\_\_\_

Subcontractor: \_\_\_\_\_ Type of work: \_\_\_\_\_  
S/DBE or Veteran owned? \_\_\_\_\_

Subcontractor: \_\_\_\_\_ Type of work: \_\_\_\_\_  
S/DBE or Veteran owned? \_\_\_\_\_

Supplier: \_\_\_\_\_ Type of supply: \_\_\_\_\_  
S/DBE or Veteran owned? \_\_\_\_\_

Supplier: \_\_\_\_\_ Type of supply: \_\_\_\_\_  
S/DBE or Veteran owned? \_\_\_\_\_

Supplier: \_\_\_\_\_ Type of supply: \_\_\_\_\_  
S/DBE or Veteran owned? \_\_\_\_\_

Supplier: \_\_\_\_\_ Type of supply: \_\_\_\_\_  
S/DBE or Veteran owned? \_\_\_\_\_

Changes to this list must be in writing and approved by the Duluth Transit Authority **prior to the commencement of subcontractor or supplier's work.**

Signed: \_\_\_\_\_

Firm Name: \_\_\_\_\_

## Section 5 Required Certificates

### Certificate A

The respondent hereby states that it has read and will comply the DTA's Vendor Code of Ethics and Organizational Conflict of Interest (both on the DTA website) as well as the applicable Federal Clauses and Requirements contained herein.

SIGNED \_\_\_\_\_

FIRM NAME \_\_\_\_\_

**Certificate B**

In accordance with Minnesota §181.59, "DISCRIMINATION ON ACCOUNT OF RACE, CREED, OR COLOR PROHIBITED IN CONTRACT"

The Contractor hereby agrees and shall cause this provision to be inserted in every subcontract the following:

(1) that, in the hiring of common or skilled labor for the performance of any work under any contract, or any subcontract, no contractor, material supplier, or vendor, shall, by reason of race, creed, or color, discriminate against the person or persons who are citizens of the United States or resident aliens who are qualified and available to perform the work to which the employment relates;

(2) that no contractor, material supplier, or vendor, shall, in any manner, discriminate against, or intimidate, or prevent the employment of any person or persons identified in clause (1) of this section, or on being hired, prevent, or conspire to prevent, the person or persons from the performance of work under any contract on account of race, creed, or color;

(3) that a violation of this section is a misdemeanor; and

(4) that this contract may be canceled or terminated by the state, county, city, or the Duluth Transit Authority, or any other person authorized to grant the contracts for employment, and all money due, or to become due under the contract, may be forfeited for a second or any subsequent violation of the terms or conditions of this contract.

\_\_\_\_\_ Signature of Contractor's Authorized Official

\_\_\_\_\_ Name and Title of Contractor's Authorized Official

\_\_\_\_\_ Date

## **SECTION 6. SPECIAL/TECHNICAL SPECIFICATIONS FOR DTC VESTIBULE WINDBREAK**

### **A. Background and General Specifications**

1. The Duluth Transit Authority (DTA) is seeking Bids from qualified vendors to construct a glass partition and doors in the 4<sup>th</sup> floor vestibule at the Duluth Transportation Center ("DTC"), 228 West Michigan Street, Duluth, MN 55802.
2. The current vestibule has a single door that faces east that opens into the vestibule for parking customers to access the main stairwell and elevator to the Duluth Skywalk System and DTC. During periods of high winds, the vestibule door blows open, allowing rain and snow to enter the vestibule. Adding a glass partition and additional doors will serve to create a smaller airlock, limiting the amount of rain and snow blowing into the vestibule.
3. All proposed work must comply with all applicable building code requirements, including the International Building Code ("IBC"), OSHA regulations, and State of Minnesota and City of Duluth building codes. Contractor shall be solely responsible for ensuring compliance with applicable regulations.
4. The DTA Project Manager for this project is Mr. Jim Caywood, Director of Maintenance. All product materials, MSDS sheets and other project submittals must be submitted to the DTA Project Manager at least five (5) business days prior to their use. Any materials that are not consistent with the materials proposed will be rejected.
5. A prebid meeting will be held at the DTA Operations Center, 2402 West Michigan Street, Duluth, MN 55806 at 10:00 a.m. on Tuesday, March 3, 2020. Attendance is not mandatory, but strongly encouraged. A tour of the project site will immediately follow. For those attendees who are not able to attend the meeting, contact 218-623-4329 for an alternate date for a tour.
6. Project must be completed by August 31, 2020, unless agreed to in writing by the DTA Procurement Manager.
7. Contractor must be able to demonstrate a minimum of three (3) years' experience in the type of work specified herein. By submitting a Bid, the Bidder represents that it has thoroughly examined and become familiar with the work described and understands the nature and location of the work and all other matters that can affect the work.
8. The Contractor shall provide a competent and sufficient supervisory work force as may be necessary to properly maintain efficient performance of the work at all times. Supervision shall have full authority to represent the Contractor in making decisions and executing the work in a first class, workmanlike manner.
9. Change Orders. Any change to the signed Contract must be approved by the DTA Project Manager and the DTA Procurement Manager, in writing, prior to the commencement of the change. All changes, amendments, additions or deletions to the original Contract must be described in the Change Order, with necessary increase or decrease in Contract price indicated with a breakdown of labor, materials, overhead and profit, for the DTA to conduct a cost analysis. These changes will include applicable project extension time requests.
10. Prior to the start of work, Contractor shall participate in a mandatory preconstruction meeting with the DTA Project Manager and designated personnel to establish project timelines, access requirements, staging and other details of the project.

11. Contractor shall at all times keep the work site clean and free from waste materials, trash or rubbish, including the storage areas. All materials that are removed and replaced shall be properly disposed of offsite by the Contractor in accordance with all environmental requirements. Contractor may not use DTA disposal containers to dispose of hazardous or other materials.
12. The DTA will withhold a five percent (5%) retainage on all payment applications until all work is complete in accordance with these specifications and a final pay application is submitted.
13. All work must be staged and coordinated with the DTA Project manager to minimize disruptions to the DTC operations as much as possible. Work may be completed after normal business hours and on weekends as approved by the DTA Project Manager. Weekend work is defined as those times after 4:00 p.m. on Friday until 6:00 a.m. on Monday morning.
14. Contractor must furnish and maintain all control signage, barriers, cones and tape to protect the safety of pedestrians passing by the work area.
15. Contractor must furnish and maintain all special protection for installed products, including tarps and other protection items to prevent damage to the project area.
16. Upon completion of the work, the Contractor shall participate in an inspection with the DTA Project Manager, to identify areas of concern and remediation. Any issues identified shall be immediately corrected at Contractor's sole expense.

**B. PRIOR TO FINAL PAYMENT, CONTRACTOR SHALL SUBMIT THE FOLLOWING:**

1. A complete set of record ("as-built") drawings to the DTA Project Manager.
2. A copy of all warranty certifications from the manufacturer to the DTA Project Manager, as applicable.
3. Certified payrolls and lien waivers from the prime contractors and all subcontractors and/or suppliers.
4. Copies of all local inspection reports, as applicable.
5. A statement that all punch list items are complete and accepted by the DTA Project Manager.
6. A final invoice including retainage, as applicable.
7. Clean up. Before acceptance of the work, the Contractor shall clean the work site and all grounds occupied in connection with the work of all rubbish, excess materials, temporary structures, and equipment, and all parts of the work shall be left in a neat and presentable condition. Cost for cleaning up as herein specified shall be considered as included in the prices paid for the Contract items of work and no additional allowance will be made therefore

**C. TECHNICAL SPECIFICATIONS**

1. Attached are technical specifications and drawings. Contractor shall be responsible for verifying all field measurements. No claim of additional compensation will be entertained for distances exceeding estimates.
2. Technical Specifications:
  - 07 9200 Joint Sealants
  - 08 4313 Aluminum Framed Storefronts
  - 08 8000 Glazing
  - Drawings

**SECTION 7.**

**WAGE REQUIREMENTS**

1. This contract is subject to the requirements of 49 U.S.C. §5333(a), the Davis-Bacon Act, the U.S. Department of Labor Fair Labor Standards Act, and the implementing regulations of the Department of Labor at 29 CFR Part 5. The Contractor shall comply with and assure compliance with all applicable wage regulations, and shall not cause the Owners to be in violation of same.
2. The Contractor hereby agrees that all persons employed by it in the performance of work covered by prevailing wage classifications shall be paid wages which are not less than the prevailing wage rates which are attached to this contract and incorporated herein by reference.
3. The Contractor hereby agrees to keep and to require all subcontractors to keep full and accurate records for a period of not less than six (6) years, clearly indicating the name and trade or occupation of every laborer, worker or mechanic employed by him in connection with the project and an accurate record of the number of hours worked by each employee and the actual wages paid therefore.
4. The Owner shall post any applicable prevailing wage determinations at the project site and/or at a place normally used to post public notices. The Contractor is responsible for providing the prevailing wage scale as provided in the contract at the job site to all subcontractors. These hours, rates and classifications must be posted on the project by the Contractor in at least one conspicuous place for the information of employees and all employees of subcontractor(s) working on the project.
5. Certified WEEKLY payroll reports are required and are to be submitted to the Duluth Transit Authority Procurement Manager for all Contractor and subcontractor covered work in accordance with Duluth Transit Authority Certified Payroll Checklist.
6. Overtime Basis  
One and one-half the regular hourly rate is paid for hours exceeding forty (40) per week.

**POSTED WAGE SCALE**

Department of Labor General Decision Number MN 20190129 Prevailing Wage Decision dated 01/03/2020 is attached and incorporated herein. Wage decisions are subject to change due to lock-in rules and revisions near the bid opening.

Minnesota Department of Labor and Industry Prevailing Wages for State-funded Construction Projects, Construction Type, Commercial, County Number 69, St. Louis County, effective 01-27-2020 is attached and incorporated herein.

"General Decision Number: MN20200129 01/03/2020

Superseded General Decision Number: MN20190129

State: Minnesota

Construction Type: Building

County: St Louis County in Minnesota.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

**Duluth Transit Authority  
DTC Vestibule Windbreak**

# 041-20-0350.4

Modification Number    0    Publication Date    01/03/2020

ASBE0034-001 06/01/2019	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR.....	\$ 38.15	33.40
-----		
BOIL0647-008 03/01/2018	Rates	Fringes
BOILERMAKER.....	\$ 37.22	27.14
-----		
BRMN0001-010 05/01/2018	Rates	Fringes
BRICKLAYER.....	\$ 34.99	24.64
-----		
BRMN0001-019 05/01/2018	Rates	Fringes
TILE FINISHER.....	\$ 25.13	5.54
TILE SETTER.....	\$ 25.89	24.34
-----		
CARP0361-008 06/01/2018	Rates	Fringes
CARPENTER (Includes Drywall Hanging, and Form Work, and Excludes Soft Floor Layer).....	\$ 33.60	19.03
SOFT FLOOR LAYER.....	\$ 33.25	16.94
-----		
ELEC0242-002 06/02/2019	Rates	Fringes
ELECTRICIAN.....	\$ 38.46	27.13
-----		
ENGI0049-019 05/01/2019	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Bulldozer.....	\$ 40.08	20.55
Crane.....	\$ 41.84	20.55
Drill.....	\$ 40.08	20.55
Forklift.....	\$ 40.08	20.55
Loader.....	\$ 40.08	20.55
Oiler.....	\$ 37.45	20.55
Roller.....	\$ 40.08	20.55



**Duluth Transit Authority  
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* IRON0512-025 06/03/2019	Rates	Fringes
IRONWORKER (Structural and Reinforcing).....	\$ 33.19	29.40

LABO1091-025 05/01/2018	Rates	Fringes
LABORER		
Asbestos Abatement (Removal from Ceilings, Floors, and Walls).....	\$ 30.83	18.70
Common or General.....	\$ 28.04	16.17
Mason Tender - Brick/Cement/Concrete.....	\$ 27.99	15.32
Pipelayer.....	\$ 35.68	16.92

PAIN0106-007 05/01/2017	Rates	Fringes
GLAZIER.....	\$ 30.58	18.02

PAIN0106-009 05/01/2017	Rates	Fringes
DRYWALL FINISHER/TAPER.....	\$ 30.33	17.27

PAIN0386-010 05/01/2014	Rates	Fringes
PAINTER (Spray).....	\$ 25.08	13.99

PLAS0633-008 05/01/2019	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER....	\$ 33.41	19.33

PLAS0633-011 05/01/2019	Rates	Fringes
PLASTERER.....	\$ 26.47	15.28

PLUM0011-007 07/03/2018	Rates	Fringes
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PIPEFITTER (Includes HVAC  
Pipe Installation and  
Excludes HVAC Unit

**Duluth Transit Authority  
DTC Vestibule Windbreak**

# 041-20-0350.4

Installation).....\$ 34.59 17.34

PLUMBER (Excludes HVAC Pipe  
and Unit Installation).....\$ 34.59 17.34

-----  
ROOF0096-019 07/01/2019 Rates Fringes  
ROOFER.....\$ 34.15 17.97  
-----

SHEE0010-034 04/30/2018 Rates Fringes  
SHEET METAL WORKER (Includes  
HVAC Duct and Unit  
Installation).....\$ 33.75 27.21  
-----

\* UAVG-MN-0024 01/01/2019 Rates Fringes  
OPERATOR:  
Backhoe/Excavator/Trackhoe.....\$ 36.89 20.30  
-----

\* UAVG-MN-0025 01/01/2019 Rates Fringes  
PAINTER (Brush and Roller).....\$ 29.50 17.64  
-----

SUMN2015-064 06/22/2018 Rates Fringes  
OPERATOR: Bobcat/Skid  
Steer/Skid Loader.....\$ 32.03 14.80

TRUCK DRIVER: Dump Truck.....\$ 23.43 12.33  
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WELDERS - Receive rate prescribed for craft performing  
operation to which welding is incidental.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave  
for Federal Contractors applies to all contracts subject to the  
Davis-Bacon Act for which the contract is awarded (and any  
solicitation was issued) on or after January 1, 2017. If this  
contract is covered by the EO, the contractor must provide  
employees with 1 hour of paid sick leave for every 30 hours

they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

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 clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198

indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those

classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

MINNESOTA DEPARTMENT OF LABOR AND INDUSTRY PREVAILING WAGES FOR STATE FUNDED  
CONSTRUCTION PROJECTS

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**THIS NOTICE MUST BE POSTED ON THE JOBSITE IN A CONSPICUOUS PLACE**

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**Construction Type: Commercial**

**County Number: 69**

**County Name: ST. LOUIS**

**Effective: 2019-12-16    Revised: 2020-01-27**

This project is covered by Minnesota prevailing wage statutes. Wage rates listed below are the minimum hourly rates to be paid on this project.

All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at a rate of one and one half (1 1/2)-times the basic hourly rate.

Violations should be reported to:

Department of Labor and Industry  
Prevailing Wage Section  
443 Lafayette Road N  
St Paul, MN 55155  
(651) 284-5091  
[DLI.PrevWage@state.mn.us](mailto:DLI.PrevWage@state.mn.us)

\* Indicates that adjacent county rates were used for the labor class listed.

**County: ST. LOUIS (69)**

<u>LABOR CODE AND CLASS</u>	<u>EFFECT DATE</u>	<u>BASIC RATE</u>	<u>FRINGE RATE</u>	<u>TOTAL RATE</u>
<b>LABORERS (101 - 112) (SPECIAL CRAFTS 701 - 730)</b>				
101 LABORER, COMMON (GENERAL LABOR WORK)	2019-12-16	26.52	19.29	45.81
102 LABORER, SKILLED (ASSISTING SKILLED CRAFT JOURNEYMAN)	2019-12-16	26.52	19.29	45.81
103 LABORER, LANDSCAPING (GARDENER, SOD LAYER AND NURSERY OPERATOR)	2019-12-16	24.00	16.96	40.96
104* FLAG PERSON	2019-12-16	26.52	19.29	45.81
105* WATCH PERSON	FOR RATE CALL 651-284-5091 OR EMAIL <a href="mailto:DLI.PREWWAGE@STATE.MN.US">DLI.PREWWAGE@STATE.MN.US</a>			
106 BLASTER	2019-12-16	27.22	19.29	46.51
107 PIPELAYER (WATER, SEWER AND GAS)	2019-12-16	34.28	20.27	54.55

**Duluth Transit Authority  
DTC Vestibule Windbreak**

# 041-20-0350.4

<u>LABOR CODE AND CLASS</u>		<u>EFFECT DATE</u>	<u>BASIC RATE</u>	<u>FRINGE RATE</u>	<u>TOTAL RATE</u>
108	TUNNEL MINER	FOR RATE CALL 651-284-5091 OR EMAIL <u>DLI.PREVVWAGE@STATE.MN.US</u>			
109	UNDERGROUND AND OPEN DITCH LABORER (EIGHT FEET BELOW STARTING GRADE LEVEL)	2019-12-16	32.48	20.27	52.75
110	SURVEY FIELD TECHNICIAN (OPERATE TOTAL STATION, GPS RECEIVER, LEVEL, ROD OR RANGE POLES, STEEL TAPE MEASUREMENT; MARK AND DRIVE STAKES; HAND OR POWER DIGGING FOR AND IDENTIFICATION OF MARKERS OR MONUMENTS; PERFORM AND CHECK CALCULATIONS; REVIEW AND UNDERSTAND CONSTRUCTION PLANS AND LAND SURVEY MATERIALS). THIS CLASSIFICATION DOES NOT APPLY TO THE WORK PERFORMED ON A PREVAILING WAGE PROJECT BY A LAND SURVEYOR WHO IS LICENSED PURSUANT TO MINNESOTA STATUTES, SECTIONS 326.02 TO 326.15.	2019-12-16	26.52	19.29	45.81
111	TRAFFIC CONTROL PERSON (TEMPORARY SIGNAGE)	FOR RATE CALL 651-284-5091 OR EMAIL <u>DLI.PREVVWAGE@STATE.MN.US</u>			
SPECIAL EQUIPMENT (201 - 204)					
201*	ARTICULATED HAULER	2019-12-16	38.13	20.30	58.43
202	BOOM TRUCK	2019-12-16	40.08	20.55	60.63
		2020-05-01	40.93	21.70	62.63
203*	LANDSCAPING EQUIPMENT, INCLUDES HYDRO SEEDER OR MULCHER, SOD ROLLER, FARM TRACTOR WITH ATTACHMENT SPECIFICALLY SEEDING, SODDING, OR PLANT, AND TWO-FRAMED FORKLIFT (EXCLUDING FRONT, POSIT-TRACK, AND SKID STEER LOADERS), NO EARTHWORK OR GRADING FOR ELEVATIONS	2019-12-16	24.00	16.96	40.96
204	OFF-ROAD TRUCK	2019-12-16	32.85	19.00	51.85
		2020-05-01	33.65	19.95	53.60
205	PAVEMENT MARKING OR MARKING REMOVAL EQUIPMENT (ONE OR TWO PERSON OPERATORS); SELF-PROPELLED TRUCK OR TRAILER MOUNTED UNITS.	2019-12-16	26.91	19.87	46.78
HIGHWAY/HEAVY POWER EQUIPMENT OPERATOR					
GROUP 2 *		2019-12-16	35.54	19.70	55.24
306	GRADER OR MOTOR PATROL				
308	TUGBOAT 100 H.P. AND OVER WHEN LICENSE REQUIRED (HIGHWAY AND HEAVY ONLY)				
GROUP 3		2019-12-16	38.09	20.50	58.59
		2020-05-01	38.94	21.40	60.34
309	ASPHALT BITUMINOUS STABILIZER PLANT				
310	CABLEWAY				
312	DERRICK (GUY OR STIFFLEG)(POWER)(SKIDS OR STATIONARY) (HIGHWAY AND HEAVY ONLY)				



**Duluth Transit Authority  
DTC Vestibule Windbreak**

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<u>LABOR CODE AND CLASS</u>	<u>EFFECT DATE</u>	<u>BASIC RATE</u>	<u>FRINGE RATE</u>	<u>TOTAL RATE</u>
314 DREDGE OR ENGINEERS, DREDGE (POWER) AND ENGINEER				
316 LOCOMOTIVE CRANE OPERATOR				
320 TANDEM SCRAPER				
322 TUGBOAT 100 H.P AND OVER (HIGHWAY AND HEAVY ONLY)				
<b>GROUP 4</b>	2019-12-16	37.79	20.50	58.29
	2020-05-01	38.64	21.40	60.04
323 AIR TRACK ROCK DRILL				
324 AUTOMATIC ROAD MACHINE (CMI OR SIMILAR) (HIGHWAY AND HEAVY ONLY)				
325 BACKFILLER OPERATOR				
327 BITUMINOUS ROLLERS, RUBBER TIRED OR STEEL DRUMMED (EIGHT TONS AND OVER)				
328 BITUMINOUS SPREADER AND FINISHING MACHINES (POWER), INCLUDING PAVERS, MACRO SURFACING AND MICRO SURFACING, OR SIMILAR TYPES (OPERATOR AND SCREED PERSON)				
329 BROKK OR R.T.C. REMOTE CONTROL OR SIMILAR TYPE WITH ALL ATTACHMENTS				
330 CAT CHALLENGER TRACTORS OR SIMILAR TYPES PULLING ROCK WAGONS, BULLDOZERS AND SCRAPERS				
331 CHIP HARVESTER AND TREE CUTTER				
332 CONCRETE DISTRIBUTOR AND SPREADER FINISHING MACHINE, LONGITUDINAL FLOAT, JOINT MACHINE, AND SPRAY MACHINE				
334 CONCRETE MOBIL (HIGHWAY AND HEAVY ONLY)				
335 CRUSHING PLANT (GRAVEL AND STONE) OR GRAVEL WASHING, CRUSHING AND SCREENING PLANT				
336 CURB MACHINE				
337 DIRECTIONAL BORING MACHINE				
338 DOPE MACHINE (PIPELINE)				
340 DUAL TRACTOR				
341 ELEVATING GRADER				
345 GPS REMOTE OPERATING OF EQUIPMENT				
347 HYDRAULIC TREE PLANTER				
348 LAUNCHER PERSON (TANKER PERSON OR PILOT LICENSE)				
349 LOCOMOTIVE (HIGHWAY AND HEAVY ONLY)				
350 MILLING, GRINDING, PLANNING, FINE GRADE, OR TRIMMER MACHINE				
352 PAVEMENT BREAKER OR TAMPING MACHINE (POWER DRIVEN) MIGHTY MITE OR SIMILAR TYPE				
354 PIPELINE WRAPPING, CLEANING OR BENDING MACHINE				
356 POWER ACTUATED HORIZONTAL BORING MACHINE, OVER SIX INCHES				
357 PUGMILL				
359 RUBBER-TIRED FARM TRACTOR WITH BACKHOE INCLUDING ATTACHMENTS (HIGHWAY AND HEAVY ONLY)				
360 SCRAPER				
361 SELF-PROPELLED SOIL STABILIZER				
362 SLIP FORM (POWER DRIVEN) (PAVING)				
363 TIE TAMPER AND BALLAST MACHINE				
365 TRACTOR, WHEEL TYPE, OVER 50 H.P. WITH PTO UNRELATED TO LANDSCAPING (HIGHWAY AND HEAVY ONLY)				
367 TUB GRINDER, MORBARK, OR SIMILAR TYPE				
<b>GROUP 5 *</b>	2019-12-16	30.50	18.90	49.40
370 BITUMINOUS ROLLER (UNDER EIGHT TONS)				
371 CONCRETE SAW (MULTIPLE BLADE) (POWER OPERATED)				
372 FORM TRENCH DIGGER (POWER)				
375 HYDRAULIC LOG SPLITTER				
376 LOADER (BARBER GREENE OR SIMILAR TYPE)				
377 POST HOLE DRIVING MACHINE/POST HOLE AUGER				
379 POWER ACTUATED JACK				

**Duluth Transit Authority  
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<u>LABOR CODE AND CLASS</u>	<u>EFFECT DATE</u>	<u>BASIC RATE</u>	<u>FRINGE RATE</u>	<u>TOTAL RATE</u>
381 SELF-PROPELLED CHIP SPREADER (FLAHERTY OR SIMILAR)				
382 SHEEP FOOT COMPACTOR WITH BLADE . 200 H.P. AND OVER				
383 SHOULDERING MACHINE (POWER) APSCO OR SIMILAR TYPE INCLUDING SELF-PROPELLED SAND AND CHIP SPREADER				
384 STUMP CHIPPER AND TREE CHIPPER				
385 TREE FARMER (MACHINE)				
<b>GROUP 6 *</b>	2019-12-16	33.54	20.50	54.04
	2020-05-01	34.39	21.40	55.79
387 CAT, CHALLENGER, OR SIMILAR TYPE OF TRACTORS, WHEN PULLING DISK OR ROLLER				
389 DREDGE DECK HAND				
391 GRAVEL SCREENING PLANT (PORTABLE NOT CRUSHING OR WASHING)				
393 LEVER PERSON				
395 POWER SWEEPER				
396 SHEEP FOOT ROLLER AND ROLLERS ON GRAVEL COMPACTION, INCLUDING VIBRATING ROLLERS				
397 TRACTOR, WHEEL TYPE, OVER 50 H.P., UNRELATED TO LANDSCAPING				
<b>COMMERCIAL POWER EQUIPMENT OPERATOR</b>				
<b>GROUP 1</b>	2019-12-16	43.59	20.55	64.14
	2020-05-01	44.44	21.70	66.14
501 HELICOPTER PILOT (COMMERCIAL CONSTRUCTION ONLY)				
502 TOWER CRANE 250 FEET AND OVER (COMMERCIAL CONSTRUCTION ONLY)				
503 TRUCK CRAWLER CRANE WITH 200 FEET OF BOOM AND OVER, INCLUDING JIB (COMMERCIAL CONSTRUCTION ONLY)				
<b>GROUP 2 *</b>	2019-12-16	43.25	20.55	63.80
	2020-05-01	44.10	21.70	65.80
504 CONCRETE PUMP WITH 50 METERS/164 FEET OF BOOM AND OVER (COMMERCIAL CONSTRUCTION ONLY)				
505 PILE DRIVING WHEN THREE DRUMS IN USE (COMMERCIAL CONSTRUCTION ONLY)				
506 TOWER CRANE 200 FEET AND OVER (COMMERCIAL CONSTRUCTION ONLY)				
507 TRUCK OR CRAWLER CRANE WITH 150 FEET OF BOOM UP TO AND NOT INCLUDING 200 FEET, INCLUDING JIB (COMMERCIAL CONSTRUCTION ONLY)				
<b>GROUP 3</b>	2019-12-16	41.84	20.55	62.39
	2020-05-01	42.69	21.70	64.39
508 ALL-TERRAIN VEHICLE CRANES (COMMERCIAL CONSTRUCTION ONLY)				
509 CONCRETE PUMP 32-49 METERS/102-164 FEET (COMMERCIAL CONSTRUCTION ONLY)				
510 DERRICK (GUY & STIFFLEG) (COMMERCIAL CONSTRUCTION ONLY)				
511 STATIONARY TOWER CRANE UP TO 200 FEET				
512 SELF-ERECTING TOWER CRANE 100 FEET AND OVER MEASURED FROM BOOM FOOT PIN (COMMERCIAL CONSTRUCTION ONLY)				
513 TRAVELING TOWER CRANE (COMMERCIAL CONSTRUCTION ONLY)				
514 TRUCK OR CRAWLER CRANE UP TO AND NOT INCLUDING 150 FEET OF BOOM, INCLUDING JIB (COMMERCIAL CONSTRUCTION ONLY)				
<b>GROUP 4</b>	2019-12-16	41.50	20.55	62.05
	2020-05-01	42.35	21.70	64.05
515 CRAWLER BACKHOE INCLUDING ATTACHMENTS (COMMERCIAL CONSTRUCTION ONLY)				
516 FIREPERSON, CHIEF BOILER LICENSE (COMMERCIAL CONSTRUCTION ONLY)				
517 HOIST ENGINEER (THREE DRUMS OR MORE) (COMMERCIAL CONSTRUCTION ONLY)				
518 LOCOMOTIVE (COMMERCIAL CONSTRUCTION ONLY)				

**Duluth Transit Authority  
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<u>LABOR CODE AND CLASS</u>	<u>EFFECT DATE</u>	<u>BASIC RATE</u>	<u>FRINGE RATE</u>	<u>TOTAL RATE</u>
519 OVERHEAD CRANE ( INSIDE BUILDING PERIMETER) (COMMERCIAL CONSTRUCTION ONLY)				
520 TRACTOR . BOOM TYPE (COMMERCIAL CONSTRUCTION ONLY)				
<b>GROUP 5</b>	2019-12-16	40.08	20.55	60.63
	2020-05-01	40.93	21.70	62.63
521 AIR COMPRESSOR 450 CFM OR OVER (TWO OR MORE MACHINES) (COMMERCIAL CONSTRUCTION ONLY)				
522 CONCRETE MIXER (COMMERCIAL CONSTRUCTION ONLY)				
523 CONCRETE PUMP UP TO 31 METERS/101 FEET OF BOOM				
524 DRILL RIGS, HEAVY ROTARY OR CHURN OR CABLE DRILL WHEN USED FOR CAISSON FOR ELEVATOR OR BUILDING CONSTRUCTION (COMMERCIAL CONSTRUCTION ONLY)				
525 FORKLIFT (COMMERCIAL CONSTRUCTION ONLY)				
526 FRONT END, SKID STEER 1 C YD AND OVER				
527 HOIST ENGINEER ( ONE OR TWO DRUMS) (COMMERCIAL CONSTRUCTION ONLY)				
528 MECHANIC-WELDER (ON POWER EQUIPMENT) (COMMERCIAL CONSTRUCTION ONLY)				
529 POWER PLANT (100 KW AND OVER OR MULTIPLES EQUAL TO 100KW AND OVER) (COMMERCIAL CONSTRUCTION ONLY)				
530 PUMP OPERATOR AND/OR CONVEYOR (TWO OR MORE MACHINES) (COMMERCIAL CONSTRUCTION ONLY)				
531 SELF-ERECTING TOWER CRANE UNDER 100 FEET MEASURED FROM BOOM FOOT PIN (COMMERCIAL CONSTRUCTION ONLY)				
532 STRADDLE CARRIER (COMMERCIAL CONSTRUCTION ONLY)				
533 TRACTOR OVER D2 (COMMERCIAL CONSTRUCTION ONLY)				
534 WELL POINT PUMP (COMMERCIAL CONSTRUCTION ONLY)				
<b>GROUP 6</b>	2019-12-16	38.57	20.55	59.12
	2020-05-01	39.42	21.70	61.12
535 CONCRETE BATCH PLANT (COMMERCIAL CONSTRUCTION ONLY)				
536 FIREPERSON, FIRST CLASS BOILER LICENSE (COMMERCIAL CONSTRUCTION ONLY)				
537 FRONT END, SKID STEER UP TO 1 C YD				
538 GUNITE MACHINE (COMMERCIAL CONSTRUCTION ONLY)				
539 TRACTOR OPERATOR D2 OR SIMILAR SIZE (COMMERCIAL CONSTRUCTION ONLY)				
540 TRENCHING MACHINE (SEWER, WATER, GAS) EXCLUDES WALK BEHIND TRENCHER				
<b>GROUP 7</b>	2019-12-16	37.45	20.55	58.00
	2020-05-01	38.30	21.70	60.00
541 AIR COMPRESSOR 600 CFM OR OVER (COMMERCIAL CONSTRUCTION ONLY)				
542 BRAKEPERSON (COMMERCIAL CONSTRUCTION ONLY)				
543 CONCRETE PUMP/PUMPCRETE OR COMPLACO TYPE (COMMERCIAL CONSTRUCTION ONLY)				
544 FIREPERSON, TEMPORARY HEAT SECOND CLASS BOILER LICENSE (COMMERCIAL CONSTRUCTION ONLY)				
545 OILER (POWER SHOVEL, CRANE, TRUCK CRANE, DRAGLINE, CRUSHERS AND MILLING MACHINES, OR OTHER SIMILAR POWER EQUIPMENT) (COMMERCIAL CONSTRUCTION ONLY)				
546 PICK UP SWEEPER (ONE CUBIC YARD HOPPER CAPACITY) (COMMERCIAL CONSTRUCTION ONLY)				
547 PUMP AND/OR CONVEYOR (COMMERCIAL CONSTRUCTION ONLY)				
<b>GROUP 8</b>	2019-12-16	35.44	20.55	55.99
	2020-05-01	36.29	21.70	57.99
548 ELEVATOR OPERATOR (COMMERCIAL CONSTRUCTION ONLY)				
549 GREASER (COMMERCIAL CONSTRUCTION ONLY)				
550 MECHANICAL SPACE HEATER (TEMPORARY HEAT NO BOILER LICENSE REQUIRED) (COMMERCIAL CONSTRUCTION ONLY)				

**TRUCK DRIVERS**

**Duluth Transit Authority  
DTC Vestibule Windbreak**

# 041-20-0350.4

<u>LABOR CODE AND CLASS</u>	<u>EFFECT DATE</u>	<u>BASIC RATE</u>	<u>FRINGE RATE</u>	<u>TOTAL RATE</u>
<b>GROUP 1 *</b>	2019-12-16	32.85	19.00	51.85
	2020-05-01	33.65	19.95	53.60
601 MECHANIC . WELDER				
602 TRACTOR TRAILER DRIVER				
603 TRUCK DRIVER (HAULING MACHINERY INCLUDING OPERATION OF HAND AND POWER OPERATED WINCHES)				
<b>GROUP 2</b>	2019-12-16	29.70	16.60	46.30
604 FOUR OR MORE AXLE UNIT, STRAIGHT BODY TRUCK				
<b>GROUP 3</b>	2019-12-16	32.20	19.00	51.20
	2020-05-01	33.00	19.95	52.95
605 BITUMINOUS DISTRIBUTOR DRIVER				
606 BITUMINOUS DISTRIBUTOR (ONE PERSON OPERATION)				
607 THREE AXLE UNITS				
<b>GROUP 4 *</b>	2019-12-16	25.10	10.85	35.95
608 BITUMINOUS DISTRIBUTOR SPRAY OPERATOR (REAR AND OILER)				
609 DUMP PERSON				
610 GREASER				
611 PILOT CAR DRIVER				
612 RUBBER-TIRED, SELF-PROPELLED PACKER UNDER 8 TONS				
613 TWO AXLE UNIT				
614 SLURRY OPERATOR				
615 TANK TRUCK HELPER (GAS, OIL, ROAD OIL, AND WATER)				
616 TRACTOR OPERATOR, UNDER 50 H.P.				
<b>SPECIAL CRAFTS</b>				
701 HEATING AND FROST INSULATORS	2019-12-16	42.31	19.55	61.86
702 BOILERMAKERS	2019-12-16	38.33	27.43	65.76
703 BRICKLAYERS	2019-12-16	34.71	26.92	61.63
	2020-05-01	37.21	26.92	64.13
704 CARPENTERS	2019-12-16	31.10	20.58	51.68
705 CARPET LAYERS (LINOLEUM)	2019-12-16	33.63	18.56	52.19
	2020-05-01	35.68	18.56	54.24
706 CEMENT MASONS	2019-12-16	33.41	19.33	52.74
707 ELECTRICIANS	2019-12-16	38.44	27.12	65.56
	2020-05-31	40.04	27.84	67.88
708 ELEVATOR CONSTRUCTORS	2019-12-16	49.91	39.24	89.15
	2020-01-01	51.55	40.48	92.03
709 GLAZIERS	2019-12-16	31.69	20.65	52.34

**Duluth Transit Authority  
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# 041-20-0350.4

<u>LABOR CODE AND CLASS</u>	<u>EFFECT DATE</u>	<u>BASIC RATE</u>	<u>FRINGE RATE</u>	<u>TOTAL RATE</u>
710* LATHERS	2019-12-16	31.44	18.43	49.87
712 IRONWORKERS	2019-12-16	33.19	29.40	62.59
	2020-05-01	35.29	29.40	64.69
714 MILLWRIGHT	2019-12-16	35.10	19.90	55.00
	2020-05-01	37.15	19.90	57.05
715 PAINTERS (INCLUDING HAND BRUSHED, HAND SPRAYED, AND THE TAPING OF PAVEMENT MARKINGS)	2019-12-16	31.39	19.99	51.38
716 PILEDRIVER (INCLUDING VIBRATORY DRIVER OR EXTRACTOR FOR PILING AND SHEETING OPERATIONS)	2019-12-16	38.91	22.08	60.99
717 PIPEFITTERS . STEAMFITTERS	+\$200,000 2019-12-16	42.60	22.25	64.85
	-\$200,000 2019-12-16	39.90	21.25	61.15
718 PLASTERERS	2019-12-16	34.09	20.08	54.17
	2020-05-01	35.69	20.08	55.77
719 PLUMBERS	2019-12-16	41.02	22.03	63.05
720 ROOFER	2019-12-16	34.15	17.94	52.09
	2020-07-01	35.55	17.94	53.49
721 SHEET METAL WORKERS	2019-12-16	34.86	28.12	62.98
722 SPRINKLER FITTERS	2019-12-16	37.58	19.49	57.07
723 TERRAZZO WORKERS	2019-12-16	38.91	19.40	58.31
724 TILE SETTERS	2019-12-16	27.44	24.79	52.23
725 TILE FINISHERS	2019-12-16	19.70	20.38	40.08
726 DRYWALL TAPER	2019-12-16	31.99	19.99	51.98
727 WIRING SYSTEM TECHNICIAN	2019-12-16	40.17	17.63	57.80
	2020-07-01	41.42	17.63	59.05
728 WIRING SYSTEMS INSTALLER	2019-12-16	28.14	14.71	42.85
	2020-07-01	29.02	14.71	43.73
729 ASBESTOS ABATEMENT WORKER	2019-12-16	31.78	19.35	51.13
	2020-01-01	32.73	20.00	52.73
730 SIGN ERECTOR	2019-12-16	29.78	15.59	45.37

**SECTION 07 9200  
JOINT SEALANTS**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Nonsag gunnable joint sealants.
- B. Joint backings and accessories.

**1.02 RELATED REQUIREMENTS**

- A. Section 01 6116 - Volatile Organic Compound (VOC) Content Restrictions: Additional requirements for sealants and primers.
- B. Section 08 8000 - Glazing: Glazing sealants and accessories.

**1.03 REFERENCE STANDARDS**

- A. ASTM C920 - Standard Specification for Elastomeric Joint Sealants; 2014.
- B. ASTM C1193 - Standard Guide for Use of Joint Sealants; 2016.

**1.04 SUBMITTALS**

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data for Sealants: Submit manufacturer's technical data sheets for each product to be used, that includes the following.
  - 1. Physical characteristics, including movement capability, VOC content, hardness, cure time, and color availability.
  - 2. List of backing materials approved for use with the specific product.
  - 3. Substrates that product is known to satisfactorily adhere to and with which it is compatible.
  - 4. Substrates the product should not be used on.
- C. Color Cards for Selection: Where sealant color is not specified, submit manufacturer's color cards showing standard colors available for selection.

**1.05 WARRANTY**

- A. See Section 01 7800 - Closeout Submittals, for additional warranty requirements.
- B. Correct defective work within a five year period after Date of Substantial Completion.
- C. Warranty: Include coverage for installed sealants and accessories that fail to achieve watertight seal, exhibit loss of adhesion or cohesion, or do not cure.

**PART 2 PRODUCTS**

**2.01 MANUFACTURERS**

- A. Non-Sag Sealants: Permits application in joints on vertical surfaces without sagging or slumping.
  - 1. Bostik Inc: [www.bostik-us.com/#sle](http://www.bostik-us.com/#sle).
  - 2. Hilti, Inc: [www.us.hilti.com/#sle](http://www.us.hilti.com/#sle).
  - 3. Master Builders Solutions by BASF: [www.master-builders-solutions.basf.us/en-us/#sle](http://www.master-builders-solutions.basf.us/en-us/#sle).
  - 4. Pecora Corporation: [www.pecora.com/#sle](http://www.pecora.com/#sle).
  - 5. Sika Corporation: [www.usa-sika.com/#sle](http://www.usa-sika.com/#sle).
  - 6. Tremco Commercial Sealants & Waterproofing: [www.tremcosealants.com/#sle](http://www.tremcosealants.com/#sle).
  - 7. W.R. Meadows, Inc: [www.wrmeadows.com/#sle](http://www.wrmeadows.com/#sle).
  - 8. Substitutions: See Section 01 6000 - Product Requirements.

**2.02 JOINT SEALANT APPLICATIONS**

- A. Scope:
  - 1. Exterior Joints: Seal open joints, whether or not the joint is indicated on drawings, unless specifically indicated not to be sealed. Exterior joints to be sealed include, but are not limited to, the following items.
    - a. Wall expansion and control joints.

- b. Joints between door, window, and other frames and adjacent construction.
  - c. Joints between different exposed materials.
  - d. Openings below ledge angles in masonry.
  - e. Other joints indicated below.
- 2. Do not seal the following types of joints.
  - a. Intentional weepholes in masonry.
  - b. Joints indicated to be treated with manufactured expansion joint cover or some other type of sealing device.
  - c. Joints where sealant is specified to be provided by manufacturer of product to be sealed.
  - d. Joints where installation of sealant is specified in another section.
  - e. Joints between suspended panel ceilings/grid and walls.

B. Exterior Joints: Use non-sag non-staining silicone sealant, unless otherwise indicated.

### **2.03 JOINT SEALANTS - GENERAL**

- A. Sealants and Primers: Provide products with levels of volatile organic compound (VOC) content as indicated in Section 01 6116.

### **2.04 NONSAG JOINT SEALANTS**

- A. Non-Staining Silicone Sealant: ASTM C920, Grade NS, Uses M and A; not expected to withstand continuous water immersion or traffic.
  - 1. Color: Match adjacent finished surfaces.
  - 2. Service Temperature Range: Minus 65 to 180 degrees F (Minus 54 to 82 degrees C).

### **2.05 ACCESSORIES**

- A. Backer Rod: Cylindrical cellular foam rod with surface that sealant will not adhere to, compatible with specific sealant used, and recommended by backing and sealant manufacturers for specific application.
- B. Backing Tape: Self-adhesive polyethylene tape with surface that sealant will not adhere to and recommended by tape and sealant manufacturers for specific application.
- C. Masking Tape: Self-adhesive, nonabsorbent, non-staining, removable without adhesive residue, and compatible with surfaces adjacent to joints and sealants.
- D. Joint Cleaner: Non-corrosive and non-staining type, type recommended by sealant manufacturer; compatible with joint forming materials.
- E. Primers: Type recommended by sealant manufacturer to suit application; non-staining.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verify that joints are ready to receive work.
- B. Verify that backing materials are compatible with sealants.
- C. Verify that backer rods are of the correct size.

### **3.02 PREPARATION**

- A. Remove loose materials and foreign matter that could impair adhesion of sealant.
- B. Clean joints, and prime as necessary, in accordance with manufacturer's instructions.
- C. Perform preparation in accordance with manufacturer's instructions and ASTM C1193.
- D. Mask elements and surfaces adjacent to joints from damage and disfigurement due to sealant work; be aware that sealant drips and smears may not be completely removable.

### **3.03 INSTALLATION**

- A. Perform work in accordance with sealant manufacturer's requirements for preparation of surfaces and material installation instructions.
- B. Perform installation in accordance with ASTM C1193.

- C. Install bond breaker backing tape where backer rod cannot be used.
- D. Install sealant free of air pockets, foreign embedded matter, ridges, and sags, and without getting sealant on adjacent surfaces.
- E. Do not install sealant when ambient temperature is outside manufacturer's recommended temperature range, or will be outside that range during the entire curing period, unless manufacturer's approval is obtained and instructions are followed.
- F. Nonsag Sealants: Tool surface concave, unless otherwise indicated; remove masking tape immediately after tooling sealant surface.

**END OF SECTION**



190557 / 190557 DTA -  
Windbreak at DTC 4th Floor  
Vestibule

07 9200 - 4

JOINT SEALANTS

**SECTION 08 4313**  
**ALUMINUM-FRAMED STOREFRONTS**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Aluminum-framed storefront, with vision glass.
- B. Aluminum doors and frames.
- C. Weatherstripping.
- D. Door hardware.

**1.02 RELATED REQUIREMENTS**

- A. Section 05 1200 - Structural Steel Framing: Steel attachment members.
- B. Section 07 9200 - Joint Sealants: Sealing joints between frames and adjacent construction.
- C. Section 08 4413 - Glazed Aluminum Curtain Walls.
- D. Section 08 8000 - Glazing: Glass and glazing accessories.

**1.03 REFERENCE STANDARDS**

- A. AAMA CW-10 - Care and Handling of Architectural Aluminum From Shop to Site; 2015.
- B. AAMA 609 & 610 - Cleaning and Maintenance Guide for Architecturally Finished Aluminum (Combined Document); 2015.
- C. AAMA 611 - Voluntary Specification for Anodized Architectural Aluminum; 2012.
- D. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes; 2014.
- E. ASTM B221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric); 2013.

**1.04 ADMINISTRATIVE REQUIREMENTS**

- A. Coordinate with installation of other components that comprise the exterior enclosure.
- B. Preinstallation Meeting: Conduct a preinstallation meeting one week before starting work of this section; require attendance by all affected installers.

**1.05 SUBMITTALS**

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide component dimensions, describe components within assembly, anchorage and fasteners, glass and infill, door hardware, and internal drainage details.
- C. Shop Drawings: Indicate system dimensions, framed opening requirements and tolerances, affected related work, expansion and contraction joint location and details, and field welding required.
- D. Samples: Submit two samples 2 by 2 inches (\_\_\_\_by\_\_\_\_, mm) in size illustrating finished aluminum surface, glass, infill panels, glazing materials.
- E. Manufacturer's Certificate: Certify that the products supplied meet or exceed the specified requirements.
- F. Design Data: Provide framing member structural and physical characteristics, engineering calculations, and dimensional limitations.
- G. Hardware Schedule: Complete itemization of each item of hardware to be provided for each door, cross-referenced to door identification numbers in Contract Documents.
- H. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

## **1.06 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: Company specializing in performing work of type specified and with at least three years of documented experience.
- B. Installer Qualifications: Company specializing in performing work of type specified and with at least three years of documented experience.

## **1.07 DELIVERY, STORAGE, AND HANDLING**

- A. Handle products of this section in accordance with AAMA CW-10.
- B. Protect finished aluminum surfaces with wrapping. Do not use adhesive papers or sprayed coatings that bond to aluminum when exposed to sunlight or weather.

## **1.08 FIELD CONDITIONS**

- A. Do not install sealants when ambient temperature is less than 40 degrees F (5 degrees C). Maintain this minimum temperature during and 48 hours after installation.

## **1.09 WARRANTY**

- A. See Section 01 7800 - Closeout Submittals, for additional warranty requirements.
- B. Correct defective Work within a five year period after Date of Substantial Completion.
- C. Provide five year manufacturer warranty against failure of glass seal on insulating glass units, including interpane dusting or misting. Include provision for replacement of failed units.
- D. Provide five year manufacturer warranty against excessive degradation of exterior finish. Include provision for replacement of units with excessive fading, chalking, or flaking.

## **PART 2 PRODUCTS**

### **2.01 MANUFACTURERS**

### **2.02 MANUFACTURERS**

- A. Aluminum-Framed Storefront and Doors:
  - 1. C.R. Laurence Company, Inc; U.S. Aluminum: [www.crl-arch.com/#sle](http://www.crl-arch.com/#sle).
  - 2. Kawneer North America: [www.kawneer.com/#sle](http://www.kawneer.com/#sle).
  - 3. Oldcastle BuildingEnvelope: [www.oldcastlebe.com/#sle](http://www.oldcastlebe.com/#sle).
  - 4. Tubelite, Inc: [www.tubeliteinc.com/#sle](http://www.tubeliteinc.com/#sle).
  - 5. YKK AP America Inc: [www.ykkap.com/#sle](http://www.ykkap.com/#sle).
  - 6. Substitutions: See Section 01 6000 - Product Requirements.

### **2.03 STOREFRONT**

- A. Aluminum-Framed Storefront: Factory fabricated, factory finished aluminum framing members with infill, and related flashings, anchorage and attachment devices.
  - 1. Glazing Rabbet: For 1/4 inch (6 mm) monolithic glazing.
  - 2. Glazing Position: Centered (front to back).
  - 3. Vertical Mullion Dimensions: 2 inches wide by 4-1/2 inches deep (50 mm wide by 114 mm deep).
  - 4. Finish: Class I color anodized.
    - a. Factory finish all surfaces that will be exposed in completed assemblies.
  - 5. Fabrication: Joints and corners flush, hairline, and weatherproof, accurately fitted and secured; prepared to receive anchors and hardware; fasteners and attachments concealed from view; reinforced as required for imposed loads.
  - 6. Construction: Eliminate noises caused by wind and thermal movement, prevent vibration harmonics, and prevent "stack effect" in internal spaces.
  - 7. Expansion/Contraction: Provide for expansion and contraction within system components caused by cycling temperature range of 170 degrees F (95 degrees C) over a 12 hour period without causing detrimental effect to system components, anchorages, and other building elements.
  - 8. Movement: Allow for movement between storefront and adjacent construction, without damage to components or deterioration of seals.

9. Perimeter Clearance: Minimize space between framing members and adjacent construction while allowing expected movement.
10. Air and Vapor Seal: Maintain continuous air barrier and vapor retarder throughout assembly, primarily in line with inside pane of glazing and inner sheet of infill panel and heel bead of glazing compound.

#### **2.04 COMPONENTS**

- A. Aluminum Framing Members: Tubular aluminum sections, drainage holes and internal weep drainage system.
  1. Framing members for interior applications need not be thermally broken.
  2. Glazing Stops: Flush.
- B. Glazing: As specified in Section 08 8000.
- C. Swing Doors: Glazed aluminum.
  1. Thickness: 1-3/4 inches (43 mm).
  2. Top Rail: 4 inches (100 mm) wide.
  3. Vertical Stiles: 4-1/2 inches (115 mm) wide.
  4. Bottom Rail: 10 inches (254 mm) wide.
  5. Glazing Stops: Square.
  6. Finish: Same as storefront.

#### **2.05 MATERIALS**

- A. Extruded Aluminum: ASTM B221 (ASTM B221M).
- B. Fasteners: Stainless steel.
- C. Concealed Flashings: Galvanized steel, 26 gage, 0.0179 inch (0.45 mm) minimum base metal thickness.
- D. Concealed Flashings: Stainless steel, 26 gage, 0.0187 inch (0.48 mm) minimum thickness.
- E. Sill Flashing Sealant: Elastomeric, silicone or polyurethane, compatible with flashing material.
- F. Glazing Gaskets: Type to suit application to achieve weather, moisture, and air infiltration requirements.
- G. Glazing Accessories: As specified in Section 08 8000.

#### **2.06 FINISHES**

- A. Class I Natural Anodized Finish: AAMA 611 AA-M12C22A41 Clear anodic coating not less than 0.7 mils (0.018 mm) thick.
- B. Color: As selected by Architect from manufacturer's standard range.

#### **2.07 HARDWARE**

- A. For each door, include weatherstripping and sill sweep strip.
- B. Weatherstripping: Wool pile, continuous and replaceable; provide on all doors.
- C. Sill Sweep Strips: Resilient seal type, retracting, of neoprene; provide on all doors.
- D. Threshold: Extruded aluminum, one piece per door opening, ribbed surface; provide on all doors and other locations were indicated on drawings. Must meet ADA requirements..
- E. Hinges: Butt type, swing clear; top and bottom.
- F. Push/Pull Set: To match existing exterior door.
- G. Door Closers: Exposed overhead.

### **PART 3 EXECUTION**

#### **3.01 EXAMINATION**

- A. Verify dimensions, tolerances, and method of attachment with other work.
- B. Verify that wall openings and adjoining air and vapor seal materials are ready to receive work of this section.

### **3.02 INSTALLATION**

- A. Install wall system in accordance with manufacturer's instructions.
- B. Attach to structure to permit sufficient adjustment to accommodate construction tolerances and other irregularities.
- C. Provide alignment attachments and shims to permanently fasten system to building structure.
- D. Align assembly plumb and level, free of warp or twist. Maintain assembly dimensional tolerances, aligning with adjacent work.
- E. Provide thermal isolation where components penetrate or disrupt building insulation.
- F. Install sill flashings. Turn up ends and edges; seal to adjacent work to form water tight dam.
- G. Where fasteners penetrate sill flashings, make watertight by seating and sealing fastener heads to sill flashing.
- H. Pack fibrous insulation in shim spaces at perimeter of assembly to maintain continuity of thermal barrier.
- I. Install hardware using templates provided.
- J. Install glass and infill panels in accordance with Section 08 8000, using glazing method required to achieve performance criteria.
- K. Touch-up minor damage to factory applied finish; replace components that cannot be satisfactorily repaired.

### **3.03 TOLERANCES**

- A. Maximum Variation from Plumb: 0.06 inch per 3 feet (1.5 mm per m) non-cumulative or 0.06 inch per 10 feet (1.5 mm per 3 m), whichever is less.
- B. Maximum Misalignment of Two Adjoining Members Abutting in Plane: 1/32 inch (0.8 mm).

### **3.04 ADJUSTING**

- A. Adjust operating hardware and sash for smooth operation.

### **3.05 CLEANING**

- A. Remove protective material from pre-finished aluminum surfaces.
- B. Upon completion of installation, thoroughly clean aluminum surfaces in accordance with AAMA 609 & 610.

### **3.06 PROTECTION**

- A. Protect installed products from damage until Date of Substantial Completion.

**END OF SECTION**

## SECTION 08 8000

### GLAZING

#### PART 1 GENERAL

##### 1.01 SECTION INCLUDES

- A. Glazing units.
- B. Glazing compounds and accessories.

##### 1.02 RELATED REQUIREMENTS

- A. Section 07 9200 - Joint Sealants: Sealants for other than glazing purposes.
- B. Section 08 4313 - Aluminum-Framed Storefronts: Glazing furnished as part of storefront assembly.

##### 1.03 REFERENCE STANDARDS

- A. 16 CFR 1201 - Safety Standard for Architectural Glazing Materials; current edition.
- B. ANSI Z97.1 - American National Standard for Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test; 2015.
- C. ASTM C864 - Standard Specification for Dense Elastomeric Compression Seal Gaskets, Setting Blocks, and Spacers; 2005 (Reapproved 2015).
- D. ASTM C920 - Standard Specification for Elastomeric Joint Sealants; 2014.
- E. ASTM C1036 - Standard Specification for Flat Glass; 2016.
- F. ASTM C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass; 2018.
- G. ASTM C1172 - Standard Specification for Laminated Architectural Flat Glass; 2014.
- H. ASTM C1193 - Standard Guide for Use of Joint Sealants; 2016.
- I. GANA (SM) - GANA Sealant Manual; 2008.

##### 1.04 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meeting: Convene a preinstallation meeting one week before starting work of this section; require attendance by each of the affected installers.

##### 1.05 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data on Glazing Unit Glazing Types: Provide structural, physical and environmental characteristics, size limitations, special handling and installation requirements.
- C. Product Data on Glazing Compounds and Accessories: Provide chemical, functional, and environmental characteristics, limitations, special application requirements, and identify available colors.
- D. Samples: Submit two samples 12 by 12 inch (\_\_\_ by \_\_\_ mm) in size of glass units.
- E. Certificate: Certify that products of this section meet or exceed specified requirements.
- F. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

##### 1.06 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.
- B. Installer Qualifications: Company specializing in performing work of the type specified and with at least three years documented experience.

##### 1.07 FIELD CONDITIONS

- A. Do not install glazing when ambient temperature is less than 40 degrees F (4 degrees C).

- B. Maintain minimum ambient temperature before, during and 24 hours after installation of glazing compounds.

## **1.08 WARRANTY**

- A. See Section 01 7800 - Closeout Submittals, for additional warranty requirements.

## **PART 2 PRODUCTS**

### **2.01 MANUFACTURERS**

- A. Glass Fabricators:
  - 1. Trulite Glass & Aluminum Solutions, LLC: [www.trulite.com/#sle](http://www.trulite.com/#sle).
  - 2. Viracon, Inc: [www.viracon.com/#sle](http://www.viracon.com/#sle).
  - 3. Substitutions: Refer to Section 01 6000 - Product Requirements.

### **2.02 GLASS MATERIALS**

- A. Float Glass: Provide float glass based glazing unless otherwise indicated.
  - 1. Annealed Type: ASTM C1036, Type I - Transparent Flat, Class 1 - Clear, Quality - Q3.
  - 2. Kind HS - Heat-Strengthened Type: Complies with ASTM C1048.
  - 3. Kind FT - Fully Tempered Type: Complies with ASTM C1048.
  - 4. Fully Tempered Safety Glass: Complies with ANSI Z97.1 or 16 CFR 1201 criteria for safety glazing used in hazardous locations.

### **2.03 GLAZING UNITS**

- A. Type GL-1 - Monolithic Interior Vision Glazing:
  - 1. Applications: Interior glazing unless otherwise indicated.
  - 2. Glass Type: Annealed float glass.
  - 3. Tint: Clear.
  - 4. Thickness: 1/4 inch (6.4 mm), nominal.
- B. Type GL-2 - Monolithic Safety Glazing: Non-fire-rated.
  - 1. Applications:
    - a. Glazed lites in doors, except fire doors.
    - b. Sliding glass doors.
    - c. Glazed sidelights to doors, except in fire-rated walls and partitions.
    - d. Other locations required by applicable federal, state, and local codes and regulations.
    - e. Other locations indicated on drawings.
  - 2. Glass Type: Fully tempered safety glass as specified.
  - 3. Tint: Clear.
  - 4. Thickness: 1/4 inch (6.4 mm), nominal.

### **2.04 GLAZING COMPOUNDS**

- A. Glazing Putty: Polymer modified latex recommended by manufacturer for outdoor use, knife grade consistency; gray color.
- B. Butyl Sealant: Single component; ASTM C920, Grade NS, Class 12-1/2, Uses M and A, Shore A hardness of 10 to 20; black color.
- C. Type GC-5 - Silicone Sealant: Single component; neutral curing; capable of water immersion without loss of properties; non-bleeding, non-staining; ASTM C920, Type S, Grade NS, Class 25, Uses M, A, and G; with cured Shore A hardness range of 15 to 25; color as selected.

### **2.05 ACCESSORIES**

- A. Setting Blocks: Silicone, with 80 to 90 Shore A durometer hardness; ASTM C864 Option II. Length of 0.1 inch for each square foot (25 mm for each square meter) of glazing or minimum 4 inch (100 mm) by width of glazing rabbet space minus 1/16 inch (1.5 mm) by height to suit glazing method and pane weight and area.
- B. Spacer Shims: Neoprene, 50 to 60 Shore A durometer hardness; ASTM C864 Option II. Minimum 3 inch (75 mm) long by one half the height of the glazing stop by thickness to suit application, self adhesive on one face.

- C. Glazing Tape, Back Bedding Mastic Type: Preformed, butyl-based, 100 percent solids compound with integral resilient spacer rod applicable to application indicated; 5 to 30 cured Shore A durometer hardness; coiled on release paper; black color.
- D. Glazing Clips: Manufacturer's standard type.

### **PART 3 EXECUTION**

#### **3.01 VERIFICATION OF CONDITIONS**

- A. Verify that openings for glazing are correctly sized and within tolerances, including those for size, squareness, and offsets at corners.
- B. Verify that surfaces of glazing channels or recesses are clean, free of obstructions that may impede moisture movement, weeps are clear, and support framing is ready to receive glazing system.

#### **3.02 PREPARATION**

- A. Clean contact surfaces with appropriate solvent and wipe dry within maximum of 24 hours before glazing. Remove coatings that are not tightly bonded to substrates.
- B. Seal porous glazing channels or recesses with substrate compatible primer or sealer.
- C. Prime surfaces scheduled to receive sealant where required for proper sealant adhesion.

#### **3.03 INSTALLATION, GENERAL**

- A. Install glazing in compliance with written instructions of glass, gaskets, and other glazing material manufacturers, unless more stringent requirements are indicated, including those in glazing referenced standards.
- B. Install glazing sealants in accordance with ASTM C1193, GANA (SM), and manufacturer's instructions.

#### **3.04 INSTALLATION - WET/DRY GLAZING METHOD (PREFORMED TAPE AND SEALANT)**

- A. Application - Exterior Glazed: Set glazing infills from the exterior of the building.
- B. Cut glazing tape to length and set against permanent stops, 3/16 inch (5 mm) below sight line. Seal corners by butting tape and dabbing with butyl sealant.
- C. Apply heel bead of butyl sealant along intersection of permanent stop with frame ensuring full perimeter seal between glass and frame to complete the continuity of the air and vapor seal.
- D. Place setting blocks at 1/4 points with edge block no more than 6 inch (152 mm) from corners.
- E. Rest glazing on setting blocks and push against tape and heel bead of sealant with sufficient pressure to attain full contact at perimeter of pane or glass unit.
- F. Install removable stops, with spacer strips inserted between glazing and applied stops 1/4 inch (6.4 mm) below sight lines.
  - 1. Place glazing tape on glazing pane of unit with tape flush with sight line.
- G. Fill gap between glazing and stop with \_\_\_\_\_ type sealant to depth equal to bite of frame on glazing, but not more than 3/8 inch (9 mm) below sight line.
- H. Apply cap bead of \_\_\_\_\_ type sealant along void between the stop and the glazing, to uniform line, flush with sight line. Tool or wipe sealant surface smooth.

#### **3.05 CLEANING**

- A. Remove excess glazing materials from finish surfaces immediately after application using solvents or cleaners recommended by manufacturers.
- B. Remove non-permanent labels immediately after glazing installation is complete.
- C. Clean glass and adjacent surfaces after sealants are fully cured.
- D. Clean glass on both exposed surfaces not more than 4 days prior to Date of Substantial Completion in accordance with glass manufacturer's written recommendations.



### **3.06 PROTECTION**

- A. After installation, mark pane with an 'X' by using removable plastic tape or paste; do not mark heat absorbing or reflective glass units.
- B. Remove and replace glass that is damaged during construction period prior to Date of Substantial Completion.

**END OF SECTION**