

**DOCUMENT 00 90 00**  
**ADDENDUM**

**ADDENDUM NO. [1]                      Date: February 3, 2023**

**RE:                      Cass Street Assisted Living Canopy & Parking**  
**Bethany Lutheran Homes, Inc.**  
**dba Eagle Crest Communities**  
**HSR Project 22081**

**FROM:                  HSR Associates, Inc**  
**100 Milwaukee Street**  
**La Crosse, WI 54603**  
**(608) 784-1830**

**To:                      Prospective Bidders**

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated January 2023. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of [2] pages, [2] documents, and [4] specification sections.

**CHANGES TO BIDDING REQUIREMENTS AND CONDITIONS OF THE CONTRACT:**

1. Document 00 41 00 Bid Form
  - a. See the revised document included in this addendum. Disregard the previous version.
  - b. Added alternate #3 to the bid form.
2. Document 00 64 00 Sales and Use Tax Form
  - a. See the new document included in this addendum.
  - b. Include the sample Sales and Use Tax Form in the project manual.
3. Document 00 73 00 Supplementary Conditions
  - a. See the narrative, immediately below, describing revisions to the document.
  - b. Add new paragraph 3.6.1:  
"3.6.1 A Wisconsin Sales and Use Tax Exemption Certificate will be provided by the Owner to the Contractor. See Document 00 64 00 in this project manual for a sample of Wisconsin Department of Revenue form S-211."

**GENERAL REQUIREMENTS:**

4. Section 01 23 00 Alternates
  - a. See the revised document included in this addendum. Disregard the previous version.
  - b. Added alternate #3 regarding the elimination of weathering steel for the canopy structure.

**CHANGES TO SPECIFICATIONS:**

5. Section 05 12 13 Architecturally-Exposed Structural Steel Framing
  - a. See the revised section included in this addendum. Disregard the previous version.
  - b. Added requirements for mock-ups and sealed, developed patina weathering steel.
6. Section 05 50 00 Metal Fabrications
  - a. See the new section included in this addendum.
7. Section 09 91 13 Exterior Painting
  - a. See the new section included in this addendum.

**END OF DOCUMENT 00 90 00**

DOCUMENT 00 41 00

BID FORM

BIDDER: \_\_\_\_\_

BID FOR SINGLE PRIME CONTRACT

PROJECT:     **EAGLE CREST COMMUNITIES  
CASS STREET ASSISTED LIVING CANOPY & PARKING  
1315 CASS STREET  
LA CROSSE, WISCONSIN 54601  
PROJECT NO. 22081**

OWNER:       **BETHANY LUTHERAN HOMES, INC.  
dba EAGLE CREST COMMUNITIES  
2575 SOUTH 7<sup>TH</sup> STREET  
LA CROSSE, WISCONSIN 54601**

DELIVER       **HSR ASSOCIATES, INC.**  
BIDS TO:      **100 MILWAUKEE ST  
LA CROSSE, WI 54603**

**BASE BID**

The undersigned, having examined the site where the Work is to be executed and become familiar with local conditions affecting the cost of the Work and carefully examined the Project Manual, the Project Drawings, all other Bidding Documents and Addenda thereto prepared by the AE, HSR Associates, Inc., hereby agrees to provide all labor, materials, equipment and services necessary for the complete and satisfactory execution of the ENTIRE WORK, in the time frame stipulated in these contract documents, for the Base Bid stipulated sum of:

\_\_\_\_\_  
\_\_\_\_\_ Dollars (\$\_\_\_\_\_ .00)

**ALTERNATE BIDS**

The undersigned further agrees to perform the alternative portions of the Work as described in the Project Manual, Section 01 23 00 Alternates, for the following additions to or deductions from the Base Bid sum stipulated above:

Alternate No. 1 (Concrete paving in lieu of asphalt paving at east drive / parking area.

Add \_\_\_\_\_ Dollars (\$\_\_\_\_\_ .00)

Alternate No. 2a (West parking area with asphalt paving)

Add \_\_\_\_\_ Dollars (\$\_\_\_\_\_ .00)

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Alternate No.2b (Concrete paving in lieu of asphalt paving at west parking area)

Add \_\_\_\_\_ Dollars (\$\_\_\_\_\_.00)

Alternate No. 3 (Painted steel structure in lieu of weathering steel sealed steel structure)

Deduct \_\_\_\_\_ Dollars (\$\_\_\_\_\_.00)

### UNIT PRICES

The undersigned agrees to add or deduct portions of the Work from the Contract as described in the Project Manual, Section 01 22 00 Unit Prices, for the following Unit Price amounts:

Item	Reference Section	Unit Price	Quantity included in Lump Sum Base Bid
UP-1 Excess Excavation	31 22 00	\$_____ / cu yd	20 cu yards
UP-2 Compacted Fill	31 22 00 Paragraph 2.1 A.2.	\$_____ / cu yrd	20 cu yards

### BIDDER'S CHOICE SUBSTITUTIONS

The following Bidder's Choice Substitution is proposed for your consideration subject to the requirements set forth in Document 00 22 13 Supplementary Instructions to Bidders, Subparagraph 3.3.5:

Substitution No. S1:

For substituting \_\_\_\_\_

\_\_\_\_\_

Type, Brand, Catalog No. \_\_\_\_\_

Manufacturer \_\_\_\_\_

Deduct from BASE BID \_\_\_\_\_ Dollars (\$\_\_\_\_\_.00)

In submitting this Bid, the undersigned agrees to:

1. Hold this Bid open for **30** days.
2. Accept the provisions of Instructions to Bidders regarding disposition of Bid Security.
3. Enter into and execute an Agreement, if awarded on the basis of this Bid, and to furnish Performance and Labor and Material Payment Bonds according to the Supplementary Conditions.
4. Accomplish work according to the Contract Documents.
5. Complete the work by the time stated in Section 01 10 00 Summary of the Work.

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Receipt of the following Addenda and inclusion of their provisions in this Bid is hereby acknowledged:

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Attached hereto are the required:

- a.     ( ) Bid Security
- b.     ( ) Certificate of Organization and Authority
- c.     ( ) Non-Collusive Affidavit: An affidavit in proof that the undersigned has not entered into any collusion with any person in respect to this Bid or any other bid or the submitting of bids for the contract for which this bid is submitted.

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

(Affix seal if  
Corporation)

By: \_\_\_\_\_

Title: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

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

Official Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

**END OF DOCUMENT 00 41 00**

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Document 00 64 00  
Sales and Use Tax Exemption Certificate (Sample)  
**WISCONSIN SALES AND USE TAX EXEMPTION CERTIFICATE**

Check One ☐ Single Purchase ☐ Continuous

Purchaser's Business Name	Purchaser's Address
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The above purchaser, whose signature appears on the reverse side of this form, claims exemption from Wisconsin state, county, baseball or football stadium, local exposition, and premier resort sales or use tax on the purchase, lease, license, or rental of tangible personal property, property under sec. 77.52(1)(b), items under sec. 77.52(1)(c), goods under sec. 77.52(1)(d), or taxable services, as indicated by the box(es) checked below.

I hereby certify that I am engaged in the business of selling, leasing, licensing, or renting: \_\_\_\_\_

*(Purchaser's description of property, items, goods, or services sold by purchaser.)*

Purchaser's description of property or services purchased (itemize property, items, or goods purchased if "single purchase"):

Seller's Name	Seller's Address
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**REASON FOR EXEMPTION**

☐ **Resale** (Enter purchaser's seller's permit or use tax certificate number) \_\_\_\_\_

**Manufacturing and Biotechnology**

- ☐ Tangible personal property (TPP) or item under s.77.52(1)(b) that is used exclusively and directly by a manufacturer in manufacturing an article of TPP or items or property under s.77.52(1)(b) or (c) that is destined for sale and that becomes an ingredient or component part of the article of TPP or items or property under s.77.52(1)(b) or (c) destined for sale or is consumed or destroyed or loses its identity in manufacturing the article of TPP or items or property under s.77.52(1)(b) or (c) destined for sale.
- ☐ Machines and specific processing equipment and component parts or replacements thereof, exclusively and directly used by a manufacturer in manufacturing tangible personal property or items or property under s.77.52(1)(b) or (c) and safety attachments for those machines and equipment.
- ☐ The repair, service, alteration, fitting, cleaning, painting, coating, towing, inspection, and maintenance of machines and specific processing equipment, that the above purchaser would be authorized to purchase without sales or use tax, at the time the service is performed. Tools used to repair exempt machines are not exempt.
- ☐ Fuel and electricity consumed in manufacturing tangible personal property or items or property under s.77.52(1)(b) or (c) in this state. Percent of fuel exempt: \_\_\_\_\_ Percent of electricity exempt: \_\_\_\_\_ %
- ☐ Portion of the amount of fuel converted to steam for purposes of resale. Percent of fuel exempt: \_\_\_\_\_ %
- ☐ Property used exclusively and directly in qualified research, by persons engaged in manufacturing at a building assessed under s. 70.995, by persons engaged primarily in biotechnology in Wisconsin, or a combined group member conducting qualified research for another combined group member that meets these requirements.

**Farming**

(To qualify for this exemption, the purchaser must use item(s) exclusively and directly in the business of farming, including dairy farming, agriculture, horticulture, floriculture, silviculture, or custom farming services.)

- ☐ Tractors (except lawn and garden tractors), all-terrain vehicles (ATV) and farm machines, including accessories, attachments, and parts, lubricants, nonpowered equipment, and other tangible personal property or items or property under s.77.52(1)(b) or (c) that are used exclusively and directly, or are consumed or lose their identities in the business of farming. This includes services to the property and items above.
- ☐ Feed, seeds for planting, plants, fertilizer, soil conditioners, sprays, pesticides, and fungicides.
- ☐ Breeding and other livestock, poultry, and farm work stock.
- ☐ Containers for fruits, vegetables, grain, hay, and silage (including containers used to transfer merchandise to customers), and plastic bags, sleeves, and sheeting used to store or cover hay and silage. Baling twine and baling wire.
- ☐ Animal waste containers or component parts thereof (may only mark certificate as "Single Purchase").
- ☐ Animal bedding, medicine for farm livestock, and milk house supplies.

**Governmental Units and Other Exempt Entities**

Enter CES No., if applicable

- ☐ The United States and its unincorporated agencies and instrumentalities.
- ☐ Any federally recognized American Indian tribe or band in this state.
- ☐ Wisconsin state and local governmental units, including the State of Wisconsin or any agency thereof, Wisconsin counties, cities, villages, or towns, and Wisconsin public schools, school districts, universities, or technical college districts.
- ☐ Organizations organized and operated exclusively for religious, charitable, scientific, or educational purposes, or for the prevention of cruelty to children or animals. CES Number \_\_\_\_\_ (Required for Wisconsin organizations).

**Other**

- ☐ Containers and other packaging, packing, and shipping materials, used to transfer merchandise to customers of the purchaser.
- ☐ Trailers and accessories, attachments, parts, supplies, materials, and service for motor trucks, tractors, and trailers which are used exclusively in common or contract carriage under LC, IC, or MC No. (if applicable) \_\_\_\_\_.
- ☐ Machines and specific processing equipment used exclusively and directly in a fertilizer blending, feed milling, or grain drying operation, including repair parts, replacements, and safety attachments.
- ☐ Building materials acquired solely for and used solely in the construction or repair of holding structures used for weighing and dropping feed or fertilizer ingredients into a mixer or for storage of such grain, if such structures are used in a fertilizer blending, feed milling, or grain drying operation.
- ☐ Tangible personal property purchased by a person who is licensed to operate a commercial radio or television station in Wisconsin, if the property is used exclusively and directly in the origination or integration of various sources of program material for commercial radio or television transmissions that are generally available to the public free of charge without a subscription or service agreement.
- ☐ Fuel and electricity consumed in the origination or integration of various sources of program material for commercial radio or television transmissions that are generally available to the public free of charge without a subscription or service agreement.  
Percent of fuel exempt: \_\_\_\_\_ %      Percent of electricity exempt: \_\_\_\_\_ %
- ☐ Tangible personal property and items, property and goods under s.77.52(1)(b), (c), and (d) to be resold by \_\_\_\_\_ on my behalf where \_\_\_\_\_ is registered to collect and remit sales tax to the Department of Revenue on such sales.
- ☐ Tangible personal property, property, items and goods under s.77.52(1)(b), (c), and (d), or services purchased by a Native American with enrollment # \_\_\_\_\_, who is enrolled with and resides on the \_\_\_\_\_ Reservation, where buyer will take possession of such property, items, goods, or services.
- ☐ Tangible personal property and items and property under s.77.52(1)(b) and (c) becoming a component of an industrial or municipal waste treatment facility, including replacement parts, chemicals, and supplies used or consumed in operating the facility. Caution: Do not check the "continuous" box at the top of page 1.
- ☐ Portion of the amount of electricity or natural gas used or consumed in an industrial waste treatment facility.  
(Percent of electricity or natural gas exempt \_\_\_\_\_ %)
- ☐ Electricity, natural gas, fuel oil, propane, coal, steam, corn, and wood (including wood pellets which are 100% wood) used for fuel for **residential** or **farm** use.
- |  | % of Electricity Exempt | % of Natural Gas Exempt | % of Fuel Exempt |
|--|-------------------------|-------------------------|------------------|
| <input type="checkbox"/> Residential ..... | _____ %                 | _____ %                 | _____ %          |
| <input type="checkbox"/> Farm .....        | _____ %                 | _____ %                 | _____ %          |
- Address Delivered: \_\_\_\_\_
- ☐ Percent of printed advertising material solely for out-of-state use. \_\_\_\_\_ %
- ☐ Catalogs, and the envelopes in which the catalogs are mailed, that are designed to advertise and promote the sale of merchandise or to advertise the services of individual business firms.
- ☐ Computers and servers used primarily to store copies of the product that are sent to a digital printer, a plate-making machine, or a printing press or are used primarily in prepress or postpress activities, by persons whose NAICS code is 323111, 323117, or 323120.
- ☐ Purchases from out-of-state sellers of tangible personal property that are temporarily stored, remain idle, and not used in this state and that are then delivered and used solely outside this state, by persons whose NAICS code is 323111, 323117, or 323120.
- ☐ Other purchases exempted by law. (State items and exemption). \_\_\_\_\_

I hereby certify that if the item(s) being purchased are not used in an exempt manner, I will remit use tax on the purchase price at the time of first taxable use. I understand that failure to remit the use tax may result in a future liability that may include tax, interest, and penalty.

Signature of Purchaser

Print or Type Name

Title

Date

# INSTRUCTIONS

This certificate may be used to claim exemption from Wisconsin state, county, baseball and football stadium, local exposition, and premier resort sales or use taxes.

Under the sales and use tax law, all receipts from sales of tangible personal property, property, items and goods under sec. 77.52(1)(b), (c), and (d), or taxable services are subject to the tax until the contrary is established. However, a seller who receives a fully completed exemption certificate no later than 90 days after the date of sale is relieved of any responsibility for collection or payment of the tax upon transactions covered by the certificate. A fully completed certificate is one which is completely filled in and indicates the reason for exemption.

**RESALE:** A purchaser using the resale exemption is attesting that the tangible personal property, property, items, or goods under sec. 77.52(1)(b), (c), or (d), or taxable services being purchased will be resold, leased, licensed, or rented. However, in the event any such property, items, or goods is used for any purpose other than retention, demonstration, or display while holding it for sale, lease, license, or rental in the regular course of business, the purchaser is required to report and pay the tax on the purchase of the property, item, or good.

The following purchasers may make purchases for resale even though they do not hold a Wisconsin seller's permit or use tax certificate: (a) A wholesaler who only sells to other sellers for resale may insert "Wholesale only" in the space for the seller's permit number; (b) A person who only sells or repairs exempt property, such as to a manufacturer or farmer, may insert "Exempt sales only"; (c) A nonprofit organization may insert "Exempt sales only" if its subsequent sales of the tangible personal property, property, items, or goods under sec. 77.52(1)(b), (c), or (d), or taxable services are exempt as occasional sales.

A seller is allowed to accept an exemption certificate from an out-of-state retailer claiming the resale exemption for tangible personal property and items, property, and goods under sec. 77.52(1)(b), (c) and (d), Wis. Stats., drop shipped to a Wisconsin location, regardless of whether or not the out-of-state retailer holds a Wisconsin seller's permit. The out-of-state retailer's permit number, if the other state issues one, and state should be listed on the exemption certificate. If the exemption certificate does not list the Wisconsin seller's permit number or the out-of-state retailer's permit number and state, to be fully complete and valid the exemption certificate must contain a statement indicating the out-of-state retailer is a seller that is not required to hold a permit.

A resale exemption may be granted if the purchaser is unable to ascertain at the time of purchase whether the property will be sold or will be used for some other purpose. If the buyer purchases an item without tax for resale, but uses the item, the buyer owes use tax on its purchase of the item.

**MANUFACTURING:** "Manufacturing" means the production by machinery of a new article of tangible personal property or items or property under sec. 77.52(1)(b) or (c) with a different form, use, and name from existing materials, by a process popularly regarded as manufacturing, and that begins with the conveying raw materials and supplies from plant inventory to the place where work is performed in the same plant and ends with conveying finished units of tangible personal property or items or property under sec. 77.52(1)(b) or (c) to the point of first storage in the same plant.

**FARMING:** This certificate may not be used by farmers to claim exemption for the purchase of motor vehicles or trailers for highway use, lawn or garden tractors, snowmobiles, or for items used for the personal convenience of the farmer. When claiming an exemption for an ATV which is also registered for public use, a written description including the percentages of time for personal and farm use, must be submitted with the ATV Registration Application.

The sales price from the sale of electricity, natural gas, and other fuels for use in farming are exempt all 12 months of the year. Farmers claiming this exemption should check the box for electricity and fuel located in the "Other" section.

This certificate cannot be used as an exemption for paying Wisconsin motor vehicle fuel tax.

## GOVERNMENTAL UNITS AND OTHER EXEMPT ENTITIES:

A seller may accept exemption certificates from federal and Wisconsin governmental units and federally recognized American Indian tribes or bands in Wisconsin. Instead of obtaining an exemption certificate, a seller may (1) accept a purchase order from the governmental unit or tribe or band, or (2) record the governmental unit or tribe or band's Certificate of Exempt Status (CES) number on its invoices. Governmental units of other countries and states are not exempt from Wisconsin sales tax.

The exemption for the United States and its unincorporated agencies and instrumentalities may also be claimed by any incorporated agency or instrumentality of the United States wholly owned by the United States or by a corporation wholly owned by the United States.

The exemption for Wisconsin governmental units and other exempt entities may be claimed by: Local Exposition District, Professional Baseball Park District, Professional Football Stadium District, UW Hospitals and Clinics Authority, Wisconsin Aerospace Authority, Health Insurance Risk-Sharing Plan Authority, Wisconsin Economic Development Authority, Fox River Navigational System Authority, public inland lake protection and rehabilitation districts, municipal public housing authorities, uptown business improvement districts, local cultural arts districts, county-city hospitals, sewerage commissions, metropolitan sewerage districts, or joint local water authorities.

## Organizations holding a Certificate of Exempt Status (CES)

**number:** Wisconsin organizations organized and operated exclusively for religious, charitable, scientific, or educational purposes, or for the prevention of cruelty to children or animals, may purchase products or services exempt from Wisconsin sales tax if the organization holds a CES number issued by the Wisconsin Department of Revenue. Wisconsin and federal governmental units, and any federally recognized American Indian tribe or band in Wisconsin, will also qualify for a CES.

A similar out-of-state organization, generally organized under sec. 501(c)(3) of the Internal Revenue Code, may purchase products or services exempt from Wisconsin sales tax even though it has not been issued a CES number. This exemption does *not* apply to out-of-state public schools, including public colleges and universities, and governmental units from other states.

Purchases (for lodging, meals, auto rental, etc.) by employees/representatives of exempt organizations performing organization business, are exempt from sales tax, provided 1) the retailer issues the billing or invoice in the name of the exempt organization, 2) the CES number is entered on the billing or invoice, and 3) the retailer retains a copy of that document.

#### OTHER:

**Containers:** This exemption applies regardless of whether or not the containers are returnable. Containers used by the purchaser only for storage or to transfer merchandise owned by the purchaser from one location to another do not qualify for the exemption.

**Common or contract carriers:** The exemption available to common or contract carriers for certain vehicles and repairs listed on this certificate applies only to those units used "exclusively" in such common or contract carriage. A carrier may qualify for the common or contract carriage exemption even if it does not hold a LC or IC number. The fact that a carrier holds a LC or IC number is not in itself a reason for exemption. A carrier may qualify for the common or contract carrier exemption even if it does not hold an LC or IC number.

**Waste treatment facilities:** The exemption applies to the sale of tangible personal property and items and property under sec. 77.52(1)(b) and (c) to a contractor for incorporation into real property which is part of an industrial or commercial waste treatment facility that qualifies for property tax exemption or a Wisconsin or federal governmental waste treatment facility.

#### **Electricity, natural gas, fuel oil, coal, steam, corn, and wood (including wood pellets which are 100% wood) used for fuel:**

- The sales price from the sale of electricity and natural gas for residential use during the months of November through April are exempt from sales and use tax.
- The sales price from sales of fuel oil, propane, coal, steam, corn, and wood (including wood pellets which are 100% wood) used for fuel sold for residential use are exempt from sales or use tax. Wood pellets are considered 100% wood even though the pellets may contain a small amount of binding material used to form the pellets.
- The sales price from the sale of fuel and electricity for use in farming are exempt all year.

A retailer of electricity, fuel, or natural gas shall have a signed exemption certificate for exempt sales for residential or farm use unless any of the following apply:

1. 100% of the electricity, fuel, or natural gas is for exempt use.
2. The sale is to an account which is properly classified as residential or farm pursuant to schedules which are filed for rate tariff with the Wisconsin Public Service Commission which are in force at the time of sale.
3. The sale is to an account which is properly classified as residential or farm for classification purposes as directed by the Federal Rural Electrification Administration.

"Farm use" means used in farming, including use in a tractor or other farm machines used directly in farming, in a furnace heating a farm building, in providing lighting in farm buildings, and use in operating motors of machines used directly in farming.

"Residential use" means use in a structure or portion of a structure which is a person's permanent principal residence. It does not include use in motor homes, travel trailers, other

recreational vehicles, or transient accommodations. "Transient accommodations" means rooms or lodging available to the public for a fee for a continuous period of less than one month in a building such as a hotel, motel, inn, tourist home, tourist house or court, summer camp, resort lodge, or cabin.

#### **Other purchases exempted by law include:**

1. Printed material which is designed to advertise and promote the sale of merchandise, or to advertise the services of individual business firms, which printed material is purchased and stored for the purpose of subsequently transporting it outside the state by the purchaser for use thereafter solely outside the state.
2. Parts, supplies, or repairs for a school bus used exclusively as a contract carrier pursuant to a contract with a school or other organization.
3. Waste reduction and recycling machinery and equipment, including parts and repairs, which are exclusively and directly used for waste reduction and recycling activities.
4. Railway cars, locomotives, and other rolling stock used in railroad operations, or accessories, attachments, parts, lubricants, or fuel therefor.
5. Commercial vessels and barges of 50-ton burden or over engaged in interstate or foreign commerce or commercial fishing, and accessories, attachments, parts, and fuel therefor.
6. Fuel sold for use in motorboats that are regularly employed in carrying persons for hire for sport fishing in and upon the outlying waters, as defined in sec. 29.001(63), Wis. Stats., and the rivers and tributaries specified in sec. 29.2285(2) (a)1. and 2., Wis. Stats., if the owner and all operators are licensed under sec. 29.514, Wis. Stats., to operate the boat for that purpose.
7. A product whose power source is the wind, direct radiant energy received from the sun, or gas generated by the anaerobic digestion of animal manure and other agricultural waste, if the product produces at least 200 watts of alternating current or at least 600 British thermal units per day, but not including a product that is an uninterruptible power source that is designed primarily for computers.
8. Effective July 1, 2013, snowmaking and snow-grooming machines and equipment, including accessories, attachments, and parts for the machines and fuel and electricity used to operate such machines and equipment, that are used exclusively and directly for snowmaking at ski hills, ski slopes, and ski trails.
9. Effective July 1, 2013, advertising and promotional direct mail and printing services used to produce advertising and promotional direct mail.

**SIGNATURE:** For corporations, this form must be signed by an employee or officer of the corporation.

**QUESTIONS:** If you have questions, please contact us.

WISCONSIN DEPARTMENT OF REVENUE  
Customer Service Bureau  
PO Box 8949  
Madison WI 53708-8949

Phone: (608) 266-2776  
Fax: (608) 267-1030  
Website: [revenue.wi.gov](http://revenue.wi.gov)

**SECTION 01 23 00**  
**ALTERNATES**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Description of Alternates.

**1.02 RELATED REQUIREMENTS**

- A. Document 00 21 13 - Instructions to Bidders: Instructions for preparation of pricing for Alternates.

**1.03 DESCRIPTION**

- A. Conditions of the Contract and pertinent portions of Sections in Division One of this Project Manual, apply to the Work of this Section as fully as though repeated herein.
- B. This Section describes the alternates to the project. Refer to the Product/Execution Articles of the Contract Documents for information pertaining to the work of each alternate.
- C. Each proposal under an alternate shall include all incidental work and all adjustments necessary to accommodate the changes. All work shall meet the requirements of the Contract Documents.
- D. Each alternate proposal shall be submitted as an individual cost for the particular alternate and shall be proposed under the premise that no other alternates have been accepted. Should the work of an alternate called for by the Bid Form not affect the cost of the work, "No Change" shall be stated.
- E. Owner may, at Owner's option, vary the scope of the work by authorizing alternates which will add to the work, deduct from the work or substitute materials, equipment or methods.
- F. Immediately following Award of Contract, awarded Contractor shall prepare and distribute to each party involved, notification of the status of each alternate. Indicate whether alternates have been accepted, rejected, or deferred for consideration at a later date. Include a complete description of negotiated modifications to alternates, if any.

**1.04 ACCEPTANCE OF ALTERNATES**

- A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at Owner's option. Accepted Alternates will be identified in the Owner-Contractor Agreement.

**1.05 SCHEDULE OF ALTERNATES**

- A. Alternate No. 1: Concrete paving in lieu of asphalt paving at east drive / parking area
  - 1. The following work shall be priced under Alternate No. 1: State the amount to be added to the base bid to perform work at the west drive and parking area. Work includes but is not limited to install cementitious concrete paving in lieu of asphalt paving at the west drive / parking area.
- B. Alternate No. 2a: West parking area with asphalt paving
  - 1. The following work shall be priced under Alternate No. 2a: State the amount to be added to the base bid to perform work at the west drive and parking area. Work includes but is not limited to demolition, soils, drainage, asphalt paving, pvc fencing and plantings at the existing west parking area. See civil sheets for outline of area included in this alternate.
- C. Alternate No. 2b: Concrete paving in lieu of asphalt paving at west parking area
  - 1. The following work shall be priced under Alternate No. 2b: State the amount to be added to the base bid to perform work at the west drive and parking area. Work includes but is not limited to install cementitious concrete paving in lieu of asphalt paving at the west parking area.
- D. Alternate No. 3: Painted steel structure in lieu of weathering steel sealed steel structure
  - 1. The following work shall be priced under Alternate No. 3: State the amount to be deducted from the base bid to eliminate sealed, high-strength low-alloy steel from the project. Provide fabricated, painted steel shapes and aluminum sheet as otherwise specified in the project manual.
    - a. Section 05 12 00 Structural Steel Framing; eliminate paragraphs:
      - 1) 2.01 A.2. regarding specification for weathering steel
      - 2) 2.01 B.2. regarding specification for weathering steel

- 3) 2.01 D.2. regarding specification for weathering steel
- 4) 2.01 E.2. regarding fasteners for weathering steel
- b. Section 05 12 13 Architecturally-Exposed Structural Steel Framing; eliminate paragraphs:
  - 1) 2.03 B. regarding the developed patina, sealed finish.
  - 2) 3.02 B. regarding the developed patina, sealed finish.
- c. Section 07 62 00 Sheet Metal Flashing and Trim; eliminate paragraph:
  - 1) 2.01 A. regarding weathering steel plate.
- d. Section 09 91 00 Exterior Painting; eliminate paragraph:
  - 1) 2.03 B. regarding the developed patina, sealed finish.

**PART 2 PRODUCTS - NOT USED**

**PART 3 EXECUTION - NOT USED**

**END OF SECTION**



**SECTION 05 12 13**  
**ARCHITECTURALLY-EXPOSED STRUCTURAL STEEL FRAMING**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Additional requirements for structural steel members designated as architecturally-exposed structural steel (AESS).

**1.02 RELATED REQUIREMENTS**

- A. Section 05 12 00 - Structural Steel Framing: General requirements for structural steel members, including AESS framing specified in this section.
- B. Section 09 91 13 - Exterior Painting: Finish coating requirements and coordination with primer and surface preparation specified in this section.

**1.03 REFERENCE STANDARDS**

- A. AISC 303 - Code of Standard Practice for Steel Buildings and Bridges 2022.
- B. AISC 360 - Specification for Structural Steel Buildings 2016 (Revised 2021).
- C. ASTM A6/A6M - Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling 2021.
- D. ASTM A500/A500M - Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes 2021a.
- E. ASTM A1085/A1085M - Standard Specification for Cold-Formed Welded Carbon Steel Hollow Structural Sections (HSS) 2015.
- F. AWS A2.4 - Standard Symbols for Welding, Brazing, and Nondestructive Examination 2020.
- G. AWS D1.1/D1.1M - Structural Welding Code - Steel 2020, with Errata (2022).
- H. SSPC-SP 1 - Solvent Cleaning 2015, with Editorial Revision (2016).
- I. SSPC-SP 6 - Commercial Blast Cleaning 2007.

**1.04 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Shop Drawings: Detailing for fabrication of AESS components.
  - 1. Provide erection document indicating which member are AESS members. Indicate surfaces that are exposed with developed patina and those to be concealed and painted. Indicate dimensions of the extents of field paint and developed patina surface.
  - 2. Provide erection documents clearly indicating which members are AESS members and the AESS category of each part.
  - 3. Include details that clearly identify AESS requirements found in this specification. Provide connections for AESS consistent with concepts shown on drawings.
  - 4. Indicate welds by AWS A2.4 symbols, distinguishing between shop and field welds, and show size, length and type of each weld. Identify grinding, finish and profile of welds as defined by the designated AESS category.
  - 5. Describe the contractor's approach to developing the sealed, developed patina for the mockup and structure. List the steps in the process.
- C. Samples: Provide 3 samples of 12 inch by 12 inch A588 plate that have been treated to develop rust patina and sealed. Perform patina accelerating steps to a varying degree or repeated application for each sample. Provide samples with no shiny or grey color metal exposed.

**1.05 QUALITY ASSURANCE**

- A. Fabricator Qualifications: In addition to those qualifications listed in Section 05 12 00, engage an AISC Certified Fabricator, experienced in fabricating AESS similar to that indicated for this project with a record of successful in-service performance, as well as sufficient production capacity to fabricate AESS without delaying the work.

- B. Erector Qualifications: In addition to those qualifications listed in Section 05 12 00, engage an AISC Certified Erector, experienced in erecting AESS work similar in material, design, and extent to that indicated for this project and with a record of successful in-service performance.
- C. Welder Qualifications: Welding processes and welding operators qualified within previous 12 months in accordance with AWS D1.1/D1.1M and dated no more than 12 months before start of scheduled welding work..

## **1.06 MOCK-UP**

- A. Provide mock-up of fabricated HSS sections that shows sealed, developed patina, paint, and welds. Match the steps and conditions in constructing the mock-up as will be used for the erected structure.
- B. See Section 01 40 00 - Quality Requirements for additional requirements.
- C. HSS members to extend at least 6 inches from joint in mock-up.
- D. Retain and maintain mock-up during construction in an undisturbed condition as a standard for judging completed work.

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

- A. Handle finished pieces in accordance with Section 10 of AISC 303, using nylon-type slings, or chains with softeners, or wire ropes with softeners such that they are not damaged.
- B. Store materials to permit easy access for inspection and identification. Keep steel members off ground by using pallets, platforms, or other supports. Protect steel members and packaged materials from erosion and deterioration. Use special care in handling to prevent twisting or warping of AESS members.

## **PART 2 PRODUCTS**

### **2.01 GENERAL REQUIREMENTS**

- A. Comply with Section 05 12 00, except as amended in this section for aesthetic purposes.

### **2.02 FABRICATION**

- A. Fabricate and assemble AESS in shop to greatest extent possible. Locate field joints in AESS assemblies at concealed locations or as approved by Architect. Detail AESS assemblies to minimize field handling and expedite erection.
- B. Permissible tolerances for member depth, width, out of square, and camber and sweep to be as specified in ASTM A6/A6M, ASTM A500/A500M, and ASTM A1085/A1085M.
- C. For curved structural members, whether composed of a single standard structural shape or built-up, the as-fabricated variation from theoretical curvature to be equal to or less than standard camber and sweep tolerances permitted for straight members in applicable ASTM standard.
- D. Use special care in handling and shipping of AESS both before and after shop painting to minimize damage to any shop finish. Use nylon-type slings or softeners when using chains or wire rope slings.
- E. Fabricate AESS in accordance with categories defined in AISC 303, as follows:
  - 1. AESS 1: Basic elements.

### **2.03 PAINT SYSTEM**

- A. Compatibility: All components/procedures of AESS coating system to comply with coating system specified, submitted, and approved per Sections 09 91 13. Primer, intermediate coating, and finish coating to be from a single manufacturer combined in a system documented by manufacturer with adequate guidance for fabricator to procure and execute.
- B. Several structural members are to receive both a sealed, developed patina finish and a painted finish. Mask the lines and protect each area from the work of the other area. Show the locations of lines to be masked in the shop drawings. Paint all surfaces to be enclosed in masonry, sheet metal or in contact with wood, or metal soffit trim. Extend paint to 1/4" beyond sheet metal enclosures and soffit trim



## **2.04 SHOP PRIMING**

- A. Surface Preparation:
  - 1. Provide surface preparations to meet SSPC-SP 6.
  - 2. Coordinate required surface profile with approved paint submittal prior to beginning surface preparation.
  - 3. Prior to blasting, remove any grease and oil using solvent cleaning to meet SSPC-SP 1.
  - 4. Remove weld spatter, slivers and similar surface discontinuities.
  - 5. Ease sharp corners resulting from shearing, flame cutting or grinding.
  - 6. Mask area to be left exposed.
- B. Priming: Immediately after surface preparation, apply primer according to manufacturer's instructions to provide a dry film thickness of not less than 1.5 mils. Use priming methods that result in full coverage of joints, corners, edges, and exposed surfaces.
  - 1. Stripe paint corners, crevices, bolts, welds, and sharp edges.
  - 2. Apply two coats of shop primer to surfaces that are inaccessible after assembly or erection.
  - 3. Apply two coats of shop primer at locations to be in contact with wood or galvanized members. Mask prior to priming to the lines indicated on the drawings.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Erector to check all AEES members upon delivery for twist, kinks, gouges or other imperfections which may result in rejection of appearance of member. Coordinate remedial action with fabricator prior to erecting steel.

### **3.02 PREPARATION**

- A. Provide connections for temporary shoring, bracing and supports only where noted on approved fabrication documents. Temporary connections not shown are to be made at locations not exposed to view in final structure or as approved by Architect.
- B. At Contractor's option the sealed, weathering steel patina may be developed in the shop or in the field or a combination of both. Perform work such that the patina at field joints approximates the patina at the remainder of the structure to the A/E's satisfaction. Use the same steps and suitably similar conditions for the erected structure as for the mockup. The mock-up accepted by the A/E will be the basis of comparison for the finished structure.
- C. Protect existing surfaces and finished work from the staining as the patina is developed. Contractor may use sequencing, protective membranes, locations, sheeting.

### **3.03 ERECTION**

- A. AEES 1: Basic elements; feature elements not in close view:
  - 1. Employ special care to handle and erect AEES. Erect finished pieces using nylon straps or chains with softeners such that they are not damaged.
  - 2. Place weld tabs for temporary bracing and safety cabling at points concealed from view in completed structure or where approved by Architect during pre-installation meeting. Obtain Architect approval of methods for removing temporary devices and finishing AEES members prior to erection.
  - 3. AEES Erection Tolerances: Erect to standard frame tolerances for structural steel per Chapter 7 of AISC 303.
  - 4. Set AEES accurately in locations and to elevations indicated and according to AISC 303 and AISC 360.
  - 5. Remove blemishes or unsightly surfaces resulting from temporary braces or fixtures.
  - 6. Remove all backing and run out tabs.
  - 7. When temporary braces or fixtures are required to facilitate erection, take care to avoid any blemishes, holes or unsightly surfaces resulting from use or removal of such temporary elements.

8. Welded Connections: Comply with AWS D1.1/D1.1M and Section 05 12 00. Appearance and quality of welds to be consistent. Employ methods that will maintain alignment of members without warp exceeding tolerance of this section.
9. Remove weld spatter exposed to view.
10. Grind off projections larger than 1/16 inch at field butt and plug welds.
11. Continuous Welds: Where continuous welding is noted on drawings, provide continuous welds of a uniform size and profile.

#### **3.04 FIELD QUALITY CONTROL**

- A. See Section 01 40 00 - Quality Requirements, for additional requirements.
- B. AESS 1 Acceptance: Architect to observe AESS in place and determine acceptability based on qualification data and submittals. Quality assurance agency has no responsibility for enforcing requirements related to aesthetic effect.

**END OF SECTION**

**SECTION 05 50 00  
METAL FABRICATIONS**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Shop fabricated exterior handrail at steps.

**1.02 RELATED REQUIREMENTS**

- A. Section 03 30 00 - Cast-in-Place Concrete: Placement of metal fabrications in concrete.
- B. Section 09 91 13 - Exterior Painting: Paint finish.

**1.03 REFERENCE STANDARDS**

- A. ASTM A36/A36M - Standard Specification for Carbon Structural Steel 2014.
- B. ASTM A53/A53M - Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless 2012.
- C. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products 2015.
- D. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware 2009.
- E. ASTM A283/A283M - Standard Specification for Low and Intermediate Tensile Strength Carbon Steel Plates 2013.
- F. ASTM D6386 - Standard Practice for Preparation of Zinc (Hot-Dip Galvanized) Coated Iron and Steel Product and Hardware Surfaces for Painting 22.
- G. AWS D1.1/D1.1M - Structural Welding Code - Steel 2015 (Errata 2016).
- H. SSPC-Paint 15 - Steel Joist Shop Primer/Metal Building Primer 1999 (Ed. 2004).

**1.04 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Use a single transmittal for related submittal items. Do not combine submittal items from more than one of the following categories into a single transmittal: review, information, closeout, and maintenance materials.
- C. Coordinate the submittals for this section with related sections within Division 5 Metals. It is permissible to combine submittal items from a single supplier into a combined transmittal. For any combined submittal list all sections that are included in the combined submittal.
- D. Review Submittals Preparatory
  - 1. Shop Drawings: Indicate profiles, sizes, connection attachments, reinforcing, anchorage, size and type of fasteners, and accessories. Include erection drawings, elevations, and details where applicable. Verify roof insulation thickness at roof ladder locations to confirm ladder dimensions.
- E. Information Submittals - Preparatory
  - 1. Welders' Certificates: (Upon request) Submit certification for welders employed on the project, verifying AWS qualification within the previous 12 months.

**PART 2 PRODUCTS**

**2.01 MATERIALS - STEEL**

- A. Plates: ASTM A283/A283M.
- B. Pipe For Handrails: ASTM A 53/A 53M, Grade B Schedule 40, black finish.
- C. Bolts, Nuts, and Washers: ASTM A325 (ASTM A325M), Type 1, galvanized to ASTM A153/A153M where connecting galvanized components.
- D. Welding Materials: AWS D1.1; type required for materials being welded.

- E. Shop and Touch-Up Primer: SSPC-Paint 15, complying with VOC limitations of authorities having jurisdiction.

## **2.02 FABRICATION**

- A. Fit and shop assemble items in largest practical sections, for delivery to site.
- B. Fabricate items with joints tightly fitted and secured.
- C. Grind exposed joints flush and smooth with adjacent finish surface. Make exposed joints butt tight, flush, and hairline. Ease exposed edges to small uniform radius.
- D. Furnish components required for anchorage of fabrications. Fabricate anchors and related components of same material and finish as fabrication, except where specifically noted otherwise.

## **2.03 FABRICATED ITEMS**

- A. Pipe Rails: 1 1/4 inch nominal (1.66 inch O.D.) Round black schedule 40 Drawings

## **2.04 FINISHES - STEEL**

- A. Clean surfaces of rust, scale, grease, and foreign matter prior to finishing.
- B. Galvanizing handrails: Galvanize after fabrication to ASTM A123/A123M requirements. Prep for duplex coating and prime paint per ASTM D6386. Shop prime paint.

## **2.05 FABRICATION TOLERANCES**

- A. Squareness: 1/8 inch maximum difference in diagonal measurements.
- B. Maximum Offset Between Faces: 1/16 inch.
- C. Maximum Misalignment of Adjacent Members: 1/16 inch.
- D. Maximum Bow: 1/8 inch in 48 inches.
- E. Maximum Deviation From Plane: 1/16 inch in 48 inches.

# **PART 3 EXECUTION**

## **3.01 EXAMINATION**

- A. Verify that field conditions are acceptable and are ready to receive work.

## **3.02 PREPARATION**

- A. Clean and strip primed steel items to bare metal where site welding is required.
- B. Furnish setting templates to the appropriate entities for steel items required to be cast into concrete or embedded in masonry.

## **3.03 INSTALLATION**

- A. Install items plumb and level, accurately fitted, free from distortion or defects.
- B. Provide for erection loads, and for sufficient temporary bracing to maintain true alignment until completion of erection and installation of permanent attachments.
- C. Obtain approval prior to site cutting or making adjustments not scheduled.
- D. After erection, prime welds, abrasions and surfaces not shop primed or galvanized, except surfaces to be in contact with concrete.

**END OF SECTION**

**SECTION 09 91 13  
EXTERIOR PAINTING**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Surface preparation.
- B. Requirements for shop and / or field application of paints,
- C. Scope: Finish salvaged wood trim at entrance doorway, developing patina, sealing and painting structural steel, painting exterior handrails.
- D. Do Not Paint or Finish the Following Items:
  - 1. Items factory-finished unless otherwise indicated; materials and products having factory-applied primers are not considered factory finished.
  - 2. Items indicated to receive other finishes.
  - 3. Items indicated to remain unfinished.
  - 4. Fire rating labels, equipment serial number and capacity labels, and operating parts of equipment.
  - 5. Non-metallic roofing and flashing.
  - 6. Stainless steel, anodized aluminum, bronze, terne-coated stainless steel, zinc, and lead.
  - 7. Marble, granite, slate, and other natural stones.
  - 8. Floors, unless specifically indicated.
  - 9. Brick, glass unit masonry, architectural concrete, cast stone, integrally colored plaster and stucco.
  - 10. Glass.
  - 11. Concealed pipes, ducts, and conduits.

**1.02 RELATED REQUIREMENTS**

- A. Section 05 12 13 - Architectural Exposed Structural Steel: Develop Patina, Seal & Paint
- B. Section 05 50 00 - Metal Fabrications: Exterior Handrail

**1.03 REFERENCE STANDARDS**

- A. 40 CFR 59, Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings; U.S. Environmental Protection Agency current edition.
- B. ASTM D4258 - Standard Practice for Surface Cleaning Concrete for Coating 2005 (Reapproved 2012).
- C. ASTM D4442 - Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Based Materials 2015.
- D. SSPC-SP 1 - Solvent Cleaning 2015.

**1.04 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Provide submittal transmittals that include all submittal items identified in each submittal group below.
- C. Review Submittals - Preparatory
  - 1. Product Data: Provide complete list of products to be used, with the following information for each:
    - a. Manufacturer's name, product name and/or catalog number, and general product category (e.g. "alkyd enamel").
    - b. Cross-reference to specified paint system(s) product is to be used in; include description of each system.
    - c. Manufacturer's installation instructions.
    - d. If proposal of substitutions is allowed under submittal procedures, explanation of substitutions proposed.

D. Review Submittals - Samples

1. Samples: Submit three paper "draw down" samples, 8-1/2 by 11 inches in size, illustrating range of colors available for each finishing product specified.
  - a. Where sheen is specified, submit samples in only that sheen.
  - b. Where sheen is not specified, discuss sheen options with Architect before preparing samples, to eliminate sheens not required.

E. Information Submittals - Preparatory

1. Certification: By manufacturer that paints and finishes comply with VOC limits specified.
2. Manufacturer's Instructions: Indicate special surface preparation procedures.
3. Maintenance Data: Submit data including product technical data sheets, material safety data sheets (MSDS), care and cleaning instructions, touch-up procedures, repair of painted and finished surfaces, and color samples of each color and finish used.

F. Maintenance Materials

1. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
  - a. See Section 01 60 00 - Product Requirements, for additional provisions.
  - b. Extra Paint and Finish Materials: 0.5 gallons of each color; from the same product run, store where directed.
  - c. Label each container with color in addition to the manufacturer's label.

**1.05 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.
- B. Container Label: Include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.
- C. Paint Materials: Store at minimum ambient temperature of 45 degrees F and a maximum of 90 degrees F, in ventilated area, and as required by manufacturer's instructions.

**1.06 FIELD CONDITIONS**

- A. Do not apply materials when surface and ambient temperatures are outside the paint product manufacturer's temperature ranges.
- B. Follow manufacturer's recommended procedures for producing best results, including testing of substrates, moisture in substrates, and humidity and temperature limitations.
- C. Do not apply exterior paint and finishes during rain or snow, or when relative humidity is outside the humidity ranges required by the paint product manufacturer.
- D. Minimum Application Temperatures for Latex Paints: 50 degrees F for exterior; unless required otherwise by manufacturer's instructions.
- E. Provide lighting level of 80 ft candles measured mid-height at substrate surface.

**PART 2 PRODUCTS**

**2.01 MANUFACTURERS**

- A. Provide paints and finishes used in any individual system from the same manufacturer; no exceptions.
- B. Paints:
  1. Sherwin Williams (SW). [www.sherwin-williams.com/#sle](http://www.sherwin-williams.com/#sle).
  2. Hallman-Lindsay (HL). [www.hallmanlindsay.com](http://www.hallmanlindsay.com)
  3. Behr Process Corporation: [www.behr.com/#sle](http://www.behr.com/#sle).
  4. Benjamin Moore: [www.benjaminmoore.com](http://www.benjaminmoore.com)
  5. Diamond Vogel Paints: [www.diamondvogel.com/#sle](http://www.diamondvogel.com/#sle).
  6. PPG Paints: [www.ppgpaints.com/#sle](http://www.ppgpaints.com/#sle).
  7. Pratt & Lambert Paints: [www.prattandlambert.com/#sle](http://www.prattandlambert.com/#sle).
  8. Valspar Corporation: [www.valsparpaint.com/#sle](http://www.valsparpaint.com/#sle).
- C. Primer Sealers: Same manufacturer as top coats.

D. Substitutions: See Section 01 60 00 - Product Requirements.

## **2.02 PAINTS AND FINISHES - GENERAL**

- A. Paints and Finishes: Ready-mixed, unless required to be a field-catalyzed paint.
  - 1. Provide paints and finishes of a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating, with good flow and brushing properties, and capable of drying or curing free of streaks or sags.
  - 2. Provide materials that are compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.
  - 3. For opaque finishes, tint each coat including primer coat and intermediate coats, one-half shade lighter than succeeding coat, with final finish coat as base color.
  - 4. Supply each paint material in quantity required to complete entire project's work from a single production run.
  - 5. Do not reduce, thin, or dilute paint or finishes or add materials unless such procedure is described explicitly in manufacturer's product instructions.
- B. Sheens: Provide the sheens specified; where sheen is not specified, sheen will be selected later by Architect from the manufacturer's full line.
- C. Colors: To be selected from manufacturer's full range of available colors.
  - 1. Selection to be made by Architect after award of contract.

## **2.03 PAINT SYSTEMS - EXTERIOR**

- A. EPS 1 High Strength Low Alloy Steel (A588 Weathering Steel) and Ferrous Material Primed & Unprimed: Acrylic Satin
  - 1. (SW) Prep surface per Section 05 12 13 paragraph 2.04. One coat ProCryl Universal Primer and two coats Sher-Cryl HPA High Performance Acrylic B66-300 Series.
  - 2. (HL) Prep surface per Section 05 12 13 paragraph 2.04. One coat Metalguard DTM Acrylic Primer/finish 338 and two coats Rustoleum High Performance DTM Acrylic 3800
- B. EPS 2 High Strength Low Alloy Steel (A588 Weathering Steel) and Ferrous Material with developed patina and sealed.
  - 1. Bromoco International Ltd. System:
    - a. Prep surface per Section 05 12 13 paragraph 2.04.
    - b. Develop rust patina at specified areas of the steel, through exposure to elements or through the use of an accelerant. An acceptable manufactured accelerant is XL-08 by Bromoco International Ltd. Other accelerants and treatments may be proposed to the A/E through the substitution process. Rinse and neutralize ERW-BD per manufacturer's written instructions. Samples of the intended look are available at the A/E's office, i.e. Corten AZP Raw (samples available at multiple manufacturers) and Reynobond Rusted Metal.
    - c. Seal surface with developed rust patina using CT-7571-T Protective Coating by Bromoco International Ltd.
- C. EPS 4 Galvanized Metal- Duplex Coating: Acrylic Semi-Gloss
  - 1. (SW) One coat ProCryl Universal Primer B66-310 Series, two coats Sher-Cryl HPA High Performance Acrylic B66-300 Series. OR
  - 2. (SW) Two coats FlexTemp Exterior Acrylic Satin
  - 3. (HL) One coat Metalguard DTM Acrylic Primer/finish 338 and two coats Rustoleum High Performance DTM Acrylic 3800,
- D. EPS 10 Painted Wood: 100% Acrylic Latex Satin
  - 1. (SW) Two coats Duration Exterior Acrylic Coating. Satin. (combination primer/finish).
  - 2. (HL) Two coats Generation 100% Acrylic Exterior L-Sheen 144. (combination primer/finish)

## **2.04 ACCESSORY MATERIALS**

- A. Accessory Materials: Provide primers, sealers, cleaning agents, cleaning cloths, sanding materials, and clean-up materials as required for final completion of painted surfaces.

- B. Patching Material: Latex filler.
- C. Fastener Head Cover Material: Latex filler.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Do not begin application of paints and finishes until substrates have been properly prepared.
- B. Verify that surfaces are ready to receive work as instructed by the product manufacturer.
- C. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially effect proper application.
- D. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- E. Test shop-applied primer for compatibility with subsequent cover materials.

### **3.02 PREPARATION**

- A. Clean surfaces thoroughly and correct defects prior to application.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Remove or repair existing paints or finishes that exhibit surface defects.
- D. Remove or mask surface appurtenances, including electrical plates, hardware, light fixture trim, escutcheons, and fittings, prior to preparing surfaces for finishing.
- E. Seal surfaces that might cause bleed through or staining of topcoat.
- F. Remove mildew from impervious surfaces by scrubbing with solution of tetra-sodium phosphate and bleach. Rinse with clean water and allow surface to dry.
- G. Ferrous Metal:
  - 1. Coordinate surface preparation in accordance with requirements of selected paint/coating supplier recommendations.
  - 2. Prep per 05 12 13 paragraph 2.04.
  - 3. Shop-Primed Surfaces: Sand and scrape to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Clean surfaces with solvent. Prime bare steel surfaces.

### **3.03 APPLICATION**

- A. Apply products in accordance with manufacturer's written instructions.
- B. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.
- C. Apply each coat to uniform appearance.
- D. Use tack cloth to remove dust and particles just prior to applying next coat.

### **3.04 CLEANING**

- A. Collect waste material that could constitute a fire hazard, place in closed metal containers, and remove daily from site.

### **3.05 PROTECTION**

- A. Protect finishes until completion of project.
- B. Touch-up damaged finishes after Substantial Completion.

**END OF SECTION**