

Scope of Work

Painting contractor can have all areas Monday, May 29, 2017.

All painting must be completed no later than Friday, July 21, 2017.

General Paint Bid Specifications

1. It is the intention of these specifications to have all existing painted surfaces repainted.
All paint shall be applied at the manufacturer's recommended mil thickness per coat. In any case, the application shall be sufficiently heavy to achieve pleasingly uniform color and lucid effect. ^{L}_{SEP}
2. Successful bidder shall supply a 24" x 24" sample of each type and color paint for owner's approval before any paint is applied. This sample shall be applied at the job site in an area as permitted by owner. Also, the Germantown Municipal Schools' representative shall review the first finished room, space, etc. and when applicable, shall be used as project standard for each color scheme. ^{L}_{SEP}
3. All paints shall be delivered to the job mixed and shall not be thinned on the job. ^{L}_{SEP}
4. Contractors shall furnish all labor, materials, tools and equipment necessary for a complete repainting job. ^{L}_{SEP}
5. All paint shall be applied by brush or roller except where other applications are permitted **in writing** by Germantown Schools. ^{L}_{SEP}
6. All previously painted areas shall be repainted. All articles affixed to buildings, such as hardware and light fixtures removed by painting contractor, shall be replaced after completing painting of that area. All electrical devices plates shall be removed stored carefully and replaced after paint has dried. It shall be the responsibility of the painting contractor to record any area that was identified during the project walk- through as **NOT TO BE PAINTED**. Otherwise, refer to Paragraph #1 above of the Paint Bid Specifications. ^{L}_{SEP}
7. Color shall be selected and approved by Germantown Schools. ^{L}_{SEP}
8. Miscellaneous pre-finished items such as grill, diffusers, etc. that does not blend with color schemes shall be painted as directed by Owner. All paints and materials shall be first line, brand name and approved by Owner before work is started.

SEE THE ATTACHED PAINT SPECIFICATION LIST ^{[[[}_{SEP]}

9. It shall be the responsibility of the contractor to provide approved storage for materials and equipment at a location approved by Owner. **NO PAINT, MATERIALS OR EQUIPMENT SHALL BE STORED WITHIN ANY GERMANTOWN SCHOOLS BUILDING.** ^{[[[}_{SEP]}
10. All staging, scaffolds, ladders, etc. shall be maintained at all times in a manner to meet OSHA Safety Requirements and not be a hazard to Germantown School personnel. Adequate exits from all buildings shall be maintained in all areas to meet Fire Marshal's regulations. ^{[[[}_{SEP]}
11. All non-painted areas, such as scrubs, floors, glass, etc. shall be protected. Upon completion of work, the contractor shall remove all splattering and remove all paint-related rubbish from premises. The paint contractor shall be held responsible for any related damages. ^{[[[}_{SEP]}
12. **The paint contractor shall supply two (5) gallons of each paint applied for each job site.** The paint shall be in new unopened containers, identified by brand, color and formula for Owner's future use. The painting contractor shall also supply Germantown Schools Close out Documents listing all paint colors (including formulas) paint manufacturer's warranty, MSDS (Material Safety Data Sheets) sheets and product specification sheets for all products actually used for each job site.

General Specifications for Exterior Painting of School

1. Exterior surfaces shall be pressure washed @ 3000 psi to insure removal of chalk, mold, mildew, or any other foreign material. Wood surfaces shall be pressure washed @ a maximum of 3000 psi. Where needed other additional approved means, as may be necessary, shall be used to insure removal of all of any other foreign material. ^{[[[}_{SEP]}
2. All surfaces after having been properly cleaned and de-scaled shall have all joints resealed by proper method and all areas that have been cleaned to the primary surface material shall be spot primed with a minimum of coat primer and coats of finish, allowing an adequate amount of drying time before primary finish is applied. ^{[[[}_{SEP]}
3. All painted surfaces shall have a minimum of two coats at 150 square feet per gallon

with **Okon Paint booster additive**. [L] [SEP]

4. Metal Surfaces: All metal surfaces shall be properly cleaned prior to application of finishing products by sandblasting, wire brush, sanding, water blasting, etc. and prepared for final finishes by applying the appropriate primer for the type of metal: [L] [SEP]
5. Caulking and Putty: Prior to any finish, all surfaces cleaned, loose caulking, putty, and masonry fillers shall be replaced with an Owner Approved material. [L] [SEP]
6. Masonry and/or concrete shall be washed with a minimum of 3000 psi to insure a clean prepared surface free of putty and masonry fillers etc. [L] [SEP]
7. Exterior painting shall not be done while surfaces are damp, wet, or frosted. Temperature must be above 40 degrees F. [L] [SEP]
8. All exterior Architectural concrete block and masonry shall be 3000 psi washed to remove old paint and/or other sealants prior to application of new finish in compliance with pages #8 for sealer application where no paint is applied. Where concrete block exist an extra coat of paint with Okon Paint Booster shall be applied to all joints with blocks to be back rolled. [L] [SEP]
9. Where applicable, Second, Finish Paint shall comply with “Specifications for Exterior Painting of Schools”. [L] [SEP]
10. All other exterior painting, caulking, and sealing shall comply with specified. [L] [SEP]
11. All products and procedures used shall meet or exceed those specified. [L] [SEP]
12. Masonry Repair and Re-pointing: Masonry Re-pointing should occur only where necessary. Deteriorated [L] [SEP] mortar shall be removed to a point where stable undamaged mortar exist or a minimum of 1/2” (inch) without causing damage to existing brick or other adjacent units. Joints shall be repaired in such a manner as that the new mortar matches the existing historic mortar in composition, color, texture, tooling, size, and profile of joint. Prepackaged “masonry cements” generally containing Portland cement, are allowed if they match existing masonry. When necessary appropriate steps shall be taken to modify the mortar mixture to match existing joint compound. Where older, softer historic brick exist, the following soft, lime rich mortar mix is recommended: 1 part white Portland

cement, 3 parts Type S hydrated lime, 6 parts sand with no admixture. [L] [SEP]

General Specifications for Interior Painting of School

1. Remove any scaling with wire brush or sand paper and spot prime or block fill then add finish coat. [L] [SEP]
2. Paint all walls with one finish coat per product specifications or until properly covered. If there is a change in color, always use two coats. [L] [SEP]
3. Neatly cut-in around all graphics to create appearance that no painting has been done. [L] [SEP]
4. Complete painting in one area of the school before moving to another area, staying ahead of Plant [L] [SEP] Manager's cleaning. [L] [SEP]
5. All metal and wood trim to be sanded with 180 grit free sandpaper by 3M Company. [L] [SEP]
6. Check all walls for loose paint or caulking. Clean by wire brush. Spot prime with block filler, if necessary. [L] [SEP] Caulk any open mortar joint, expansion joint and doorframes. Repair all defects in drywall surfaces. Add scaling putty when missing. Strain all paint material from original containers and restrain all material left over from previous day. [L] [SEP]
7. Paint all walls White – Satin (B-2) [L] [SEP]
8. Paint Doors Gray - 552 (B-2Y8, C-32, I-32) unless noted on by school basis

-Exterior doors, All Interior doors that DO NOT lead to a main hallway
9. Paint Door Frames - 552 (B-2Y8, C-32, I-32) unless noted on by school basis [L] [SEP]
10. Paintable ceilings – White [L] [SEP]
11. Paint all other existing painted interior building surfaces, unless otherwise noted. Any special colors to be determined after bid award. [L] [SEP]
12. Gray - Latex Satin 6752 (B-2Y8, C-32, I-32) one gallon formula

a. Hallways Stripe: 48” to 72” up from floor (including offices and public areas)

b. Cafeteria Stripe: 48” to 72” up from floor

c. Gymnasium stripe: 48” to 72” up from floor

13. **Accent color:** For classroom stripe 48” to 72” up from the floor and/or any door that leads from a main hallway; door colors and stripe will be alternating between the four accent colors, which are listed below:

A. Accent Color 1: (AX-12Y, D-6)

B. Accent Color 2: (C-24, KX-Y32, R-8Y, V-2Y16)

C. Accent Color 3: (D-7Y16, E-2Y8, KX-3Y32)

D. Accent Color 4: (AX-12Y, T-8)

14. **Gym:** Formed and Poured concrete squares will be alternating between the accent colors (1,2,3,4)

15. **Library stripe:** Strip will be from top of book case height to the ceiling, even on walls that do not have bookcases. (D-7Y16, E-2Y8, KX-3Y32)

- There are 4 columns. Columns will be painted alternating between the accent colors (1,2,3,4) The columns will be painted from floor to ceiling the accent colors.

All interior library doors will be painted alternating between the accent colors (1,2,3,4)

16. **Exterior wall painting:**

A. –All Formed and Poured structural concrete must be pressure washed and dried before painting.

B. –All Formed and Poured structural concrete will be painted with two coats of the base color White (B-2).

17. Exceptions: None

18. All products used shall meet or exceed those specified.

Interior Paint	Exterior paint
Metal doors and frames <input type="checkbox"/> First Coat Farrell-Calhoun #599	Wood - Prime as necessary <input type="checkbox"/> Farrell-Calhoun #160 Oil Primer <input type="checkbox"/> Farrell-Calhoun #2200 Satin

Undercoat [L][SEP]

☐ Second Coat Farrell-Calhoun #500 Alkyd Semi-gloss Concrete block walls [L][SEP]

☐ First Coat Zinzer Bulls Eye 123 Stain Killer Primer [L][SEP]

☐ Second Coat Farrell-Calhoun #670 Satin Kitchen walls [L][SEP]

☐ First Coat Farrell-Calhoun #599 Undercoat [L][SEP]

☐ Second Coat Farrell-Calhoun #3000 High Gloss Latex [L][SEP] Enamel [L][SEP] Natural or stained wood

☐ First Coat Farrell-Calhoun #1100 Sanding Sealer [L][SEP]

☐ Second Coat Farrell-Calhoun #1122 Satin Urethane Bathroom petitions [L][SEP]

☐ Prep ferrous metal [L][SEP]

☐ Spot prime with Farrell-Calhoun #1022 Rust Inhibitor [L][SEP] Primer [L][SEP]

☐ Apply two(2) coats Farrell-Calhoun #800 Industrial [L][SEP] Enamel Gloss Dry wall ceilings

☐ First Coat Farrell-Calhoun #300 Latex flat (White) [L][SEP]

☐ Second Coat Farrell-Calhoun #300 Latex flat (White) Wet areas [L][SEP]

☐ First Coat Farrell-Calhoun #599 Alkyd Undercoat [L][SEP]

☐ Second Coat Farrell-

Latex with Okon Paint

booster additive [L][SEP] Wood Windows - Prime as necessary

☐ Remove all loose caulking, paint and glazing. [L][SEP]

☐ Where glazing is to be replaced, all wood must be primed [L][SEP] with Farrell-Calhoun #160 Oil Primer [L][SEP]

☐ Finish One (1) Coat Farrell-Calhoun #2200 Satin Latex [L][SEP] with Okon Paint booster additive [L][SEP] Concrete - Patch as necessary. [L][SEP] ☐ Spot prime with Farrell-Calhoun #235 Flat Primer [L][SEP] ☐ Finish with One (1) Coat Farrell-Calhoun #2200 Satin [L][SEP] Latex with Okon Paint Booster additive Unpainted Galvanized [L][SEP] ☐ Pressure wash with 2500 psi minimum

☐ Prime with Farrell-Calhoun #1022 corrosion metal primer [L][SEP]

☐ Finish One (1) Coat Farrell-Calhoun #880 Silicone Alkyd [L][SEP] Enamel [L][SEP] Ferrous Metal – Doors, Lintels & Ect. [L][SEP]

☐ Clean by wire brush and 100 grit sandpaper [L][SEP]

☐ Spot Prime with Farrell-Calhoun #1022 Corrosion Metal [L][SEP] Primer [L][SEP]

☐ Finish One (1) Coat Farrell-Calhoun #880 Silicone Alkyd [L][SEP]

Calhoun #670 Latex Semi-gloss Metal ceilings, duct work, steel joist, & decking

□ First clean: remove dust, dirt, loose paint, & Ect.

□ Farrell-Calhoun #992A Acrylic Eggshell Dry Fog when applicable

Enamel Aluminum – to be painted □ Pressure wash 4000 psi minimum

□ First Coat with XIM Flash Bond Pigmented

□ Second Coat Farrell-Calhoun #880 Silicone

Alkyd

Enamel Caulking □ Acrylics/Silicon Farrell-Calhoun #FC3880 Color Match,

Paintable, 35 years. Caulk shall meet or exceed

ASTM C834-76 CID-A-A-272, Type IIP Putty

□ Wood Only DAP 33 Glazing Compound □ Masonry □ Pressure wash at minimum 4000 psi and seal using

Farrell-Calhoun TuffBoy 1107 Siloxane using two (2) flood coats, wet on wet, no more than 150 sq ft per gallon.

Lintels □ All lintels shall be caulked Farrell-Acrylic/Silicon Calhoun

#FC3880 Color Match, Paintable, and 35 year. Caulk shall meet or exceed ASTM C834-76 CID-A-A-272, Type II

Pre-Finished Metals □ Primer: Sand with 100 grit/Prime with Farrell-Calhoun

#160 Finish: Farrell-Calhoun #2200 Satin Latex with Okon Paint Booster