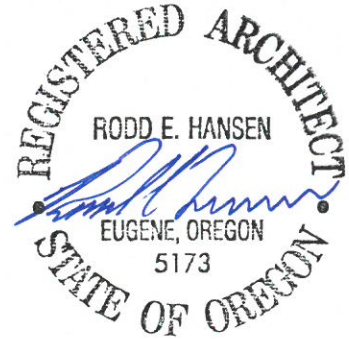


RODD HANSEN, ARCHITECT, L.L.C.
ARCHITECTURE AND PLANNING

Date: April 17, 2018
To: All Prime Bidders
RE: Eugene School District 4j
Facilities Management – Paint Booth
CIP Project No. #420.720.724
715 W. 4th Avenue
Eugene, OR



ADDENDUM #2:

YOU ARE HEREBY DIRECTED TO PERFORM THE FOLLOWING WORK AND INCLUDE THE FOLLOWING WORK IN YOUR BID.

Item #1: See the attached proposal for the selected paint booth. This provides the performance requirements, approximate dimensions and other information as related to the performance of the unit.

END OF ADDENDUM #2



EIB-12-10-10-00

Col-Met Engineered Finishing Solutions is pleased to offer the following proposal for your consideration.

(1) EIB model **EIB-12-10-10-00** Interior working dimensions of: **12'-0" wide X 10'-0" tall X 10'-0" long**. Approximate overall dimensions of: **12'-4" wide X 10'-2" tall X 13'-4" long**.

Scope:

Clean air flows into the booth through the filtered doors, passing through the work area, and exits through the exhaust plenum located in the rear of the booth. Filtered exhaust air is drawn thru the exhaust plenum and discharged upward into the atmosphere through the exhaust stack(s). This booth is provided complete with all necessary hardware to meet the applicable national requirements established by OSHA, and the NFPA for paint booth construction.

Panels:

Panels are fabricated from 18-gauge quality galvanized steel, flanged and precision punched on 6" centers for maximum rigidity. Panels are fastened together with 5/16" bolts and are to be sealed with the provided caulk following assembly.

A total of (4) light fixtures will be provided for illumination:

Lighting is provided by 48" long, 4-tube, 32 watts, T-8, fluorescent type fixtures. Fixtures are Inside Access rated for Class I Div. II Groups A, B, C, and D Class II Div. II Groups F & G. All fixtures are ETL listed and approved for their intended use and placement. Fixtures are supplied with dual ballasts to accept either 120V or 277V power. Ballasts carry a 5-year limited warranty.

Upgrade Benefits of LED Lights (Contact CEFS Sales Rep for more information)

- Efficiency - LED lighting consumes up to 50% less power than our standard fluorescent 32W T8 lamps, providing you with a dramatic decrease in power costs.
- Longevity - LEDs have a lifespan of up to 60,000 hours, considering an 8-hour shift, five days a week, the LED light will last over 25 years before needing replacement, lowering maintenance costs and long-term operating costs.
- Safety - Improved safety is one of the most important benefits of LED lights. Reducing the potential for safety risks such as burns and fires, they generate virtually no heat therefore are cool to the touch even if left on for hours.

Filtration:

Intake air filters: Rated by UL as Class 2 and are EPA registered as environmentally safe. Filters are self-supporting in an internal frame sized 20" x 20" x 1". One set of filters will be supplied with this unit. Paint Arrestors: High efficiency RP Paint Arrestors which have a custom designed layering system to increase the overall efficiency of the booth. Filters are lab tested with over a 99% particulate removal efficiency. A filter holding grid is provided for each filter cell. This unit is provided with one set of filters. A Dwyer Mark II manometer will be provided with the unit to monitor the filter resistance and thereby offer a visual indicator of the filter's life and efficiency.

Air Solenoid Valve:

1/2" 120V solenoid valve will be provided with this booth.



(1) - 30" 3 HP Exhaust fan rated for 12,000 CFM @ 0.5" Static Pressure

Total CFM exhausted: 12,000 CFM.

A tube axial type duct fan specifically designed and constructed for use in paint spray booths and similar applications is provided for exhaust. A precision balanced, fabricated, aluminum non-sparking fan blade moves the air through the fan. Bearings are mounted in rubber isolators for smooth operation. The motor, drive, and bearings are isolated from the exhaust air stream. The bearings are sized with a minimum average life, per AFBMA, in excess of 200,000 hours when operating at the maximum RPM of the fan size.

(1) - Personnel access doors:

Personnel access doors are double wall 18-Ga. galvanized steel units sized at 36" x 84", and are provided pre-hung in a heavy gauge steel frame ready for mounting to the spray booth. The mounting hardware includes an observation window, FM approved panic type safety latch and two 6" door pulls.

(1) - Product doors: 12'-0" W x 10'-0" H

Double-swing filtered product doors are fabricated with tube steel frames hung on structural channel jambs. Filtered product entry doors are fabricated with the filter holding cells as an integral part of the door, ready for filter placement. These doors are provided with a foam rubber weather stripping seal about the perimeter and a rubber sweep seal at the threshold. The mounting hardware provided includes FM approved panic type safety latch(s) and four 6" door pulls.

Optional UL/ ETL Listed Control Equipment:

A NEMA12 enclosure pre-wired and tested by Col-Met for simple hookup. Control panel includes main disconnect switch, class 10 motor protection, light contactor, fuse block, and field wiring terminal strip to easily connect interlock circuits such as door limit switches, light lens limit switch, air solenoid, and fire suppression. The class 10 motor protector offers maximum motor protection by being individually calibrated for the smallest and largest current it can handle, and includes automatic ambient temperature compensation over a range of -13F to +140F.

Code Compliance:

All Col-Met booths are designed to meet or exceed the requirements and recommendations of the National Fire Protection Association (NFPA), Standard Number 33, as well as the Occupational Health and Safety Administration (OSHA) CFR 29.1910.107 covering the operation and construction of spray booths.

Warranty:

Col-Met Engineered Finishing Solutions warrants to buyer that the equipment to be free from defects of materials or workmanship under normal use and maintenance for a period of one year.

All components supplied but not produced by Col-Met shall carry the warranty of the manufacturer.

Enough exhaust ductwork for a typical 20' flat roof (estimated) installation terminating at 6' above the roof line is quoted for estimation purposes. Duct support by others. Actual ductwork requirements will be dictated by field conditions including but not limited to verified roof height, roof pitch, obstructions and local code restrictions.