

COUNTY OF BERKS

Purchasing Department

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Kelly A. Laubach, CPPB, Director of Contracts and Procurement

NOTICE TO BIDDERS Amendment #4 Issued on April 6, 2020 Re: Invitation to Bid #20-04-GR

<p>This Amendment should consist of a total of 2 pages. If you have not received this Amendment in its entirety, please contact the County of Berks Purchasing Department at (610) 478-6168.</p>
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The County hereby amends the above noted Invitation to Bid (ITB) as indicated herein. All other details of the ITB remain unchanged. Language that is underlined denotes that which has been added. Language that has been stricken denotes that which is hereby removed.

Where conflict exists between these responses and information in the original ITB package, the responses shall prevail.

Clarification 1

Technical Specifications – Division 07 – Thermal and Moisture Protection – Section 074113 – Standing Seam Metal Roof Panels

2.2.B. Vertical-Rib, Integral Snap-Lock, Standing-Seam Metal Roof Panels: Formed with vertical ribs at panel edges and a flat pan between ribs; designed for sequential installation by snap edging using concealed clips located under one side of panels, engaging opposite edge of adjacent panels, and snapping panels together.

1. Basis-of-Design Product: Subject to compliance with requirements, provide Series 2000 Integral Snap-Lock Standing Seam Metal Panel System by Englert, Inc., Stand N Seam metal panel system by Fabral; Snap-Clad metal panel system by PAC-CLAD; or approved equal.

Clarification 2

Technical Specifications – Division 07 – Thermal and Moisture Protection – Section 074113 – Standing Seam Metal Roof Panels

2.9. Accessories

H. Pre-formed Pipe Flashing:

1. Sanitary (cold) vents: Premolded; EPDM pipe collar with flexible aluminum ring bonded to base.
2. Hot Vents: Premolded, silicone pipe collar with flexible aluminum ring bonded to base.
3. Basis-of-Design: Dektite Premium, or approved equal.

Clarification 3

Technical Specifications – Division 23 – Heating, Ventilation, and Air Conditioning – Section 230523 – Valves for HVAC Piping

2.6.B. Description: Valve actuation assembly with sprocket rim, chain guides, chain, and attachment brackets for mounting chainwheels directly to hand wheels.

1. Sprocket Rim with Chain Guides: Ductile or cast iron, of type and size required for valve. Include zinc or epoxy coating.
2. Chain: Hot-dip-galvanized steel, of size required to fit sprocket rim.
3. Provide a chain wheel on one 4” valve serving each boiler. Locate the chain wheel operators on the valves closest to the steam header.

Technical Specifications – Division 23 – Heating, Ventilation, and Air Conditioning – Section 230719 – HVAC Piping Insulation

Q4: In Specification Section 230719, Page 10, insulation for high-pressure steam insulation is listed as “Mineral-Fiber, Preformed Pipe”, do you really want mineral fiber or is fiberglass acceptable?

A4: Fiberglass is acceptable, as per Technical Specifications Section 230719, Clause 2.1.D.2, mineral or glass fibers bonded with a thermosetting resin are approved as pipe insulation materials. Pipe insulation thicknesses are in accordance with the 2015 International Energy Conservation Code.

Drawing List - S Series–Structural - Drawing A-101–Architectural, Floor and Roof Plans - Drawing M-102–Mechanical, Piping Plan

Q5: Is there a trench for the blowdown piping from the boilers?

A5: As per Drawings A-101, M-102, and S series, blowdown piping shall be routed overhead from each of the boilers to the blowdown separator.

Drawing List - Drawing A-101–Architectural Floor and Roof Plans - Drawing A-502- Architectural Roof Details - Drawing M-301–Mechanical Sections.

Q6: Are the roof penetrations for hot vents to be supplied by the GC?

A6: Yes, the General Contractor shall provide roof penetrations for hot vents in accordance with Section 1 on Drawing A-502. The quantity of roof penetrations is visible on the Drawing A-101, Roof Plan, and Drawing M-301, Sections.

Drawing List - Drawing A-502 – Architectural Roof Details

Q7: Is the detail on drawing number A-502 for typical pipe penetration correct for hot vents?

A7: Yes, provide roof penetrations for hot vents in accordance with Section 1 on Drawing A-502. The typical penetration flashing material is EPDM for sanitary (cold) vents. The hot vents shall be provided with silicone (rated to 350 deg F) pre-formed penetration flashing. A heat resistant silicone sealant shall be used for hot pipes. The Mechanical Contractor shall provide a galvanized steel or stainless steel heat shield / sleeve to protect the roof insulation from the hot pipe.

Should you have any questions regarding this Amendment, please contact George Rodrigues, Senior Contract Coordinator, via phone at (610) 478-6168 ext. 6270 or via email at grodrigues@countyofberks.com.