

**Electrical Heat Tracing Project Requirements**

<b>Customer</b>		<b>Project Name</b>		<b>RFQ Due Date</b>	
<b>Contact Name</b>		<b>Phone No.</b>		<b>Email:</b>	

**Customer is requesting:**

<input type="checkbox"/>	BOM ONLY (No drawings or other controller, panel information, etc.)
<input type="checkbox"/>	BOM and Line List
<input type="checkbox"/>	BOM, Line List, and Isometrics
<input type="checkbox"/>	For expanded deliverable requirements, check off the boxes listed in the following section

**HPC Heat Trace Design Deliverables**

<input type="checkbox"/>	<b>Pipe Isometrics</b>
	Customer shall provide isometric or orthographic pipe drawings suitable for extracting pipe routing, all continuations, inline equipment, etc.
<input type="checkbox"/>	<b>Design Line List</b>
	Customer shall provide pipe line list indicating pipe size, pipe number, insulation type and thickness, HOLD and MAXIMUM EXPOSURE temperatures, P&ID reference drawings if available.
<input type="checkbox"/>	<b>Installation Details</b>
	HPC supplies all information for these details.
<input type="checkbox"/>	<b>Junction Box Plot Plan</b>
	Customer shall provide a scalable drawing suitable for background overlay into AutoCAD formatted drawings.
<input type="checkbox"/>	<b>Panel Schedules</b>
	HPC supplies all information for these details.
<input type="checkbox"/>	<b>Controller Settings Form</b>
	HPC supplies all information for these details.
<input type="checkbox"/>	<b>Panel Wiring Diagrams</b>
	HPC supplies all information for these details.



Project-wide Design Parameters for Electric Heat Trace Systems	
<b>Primary Transformer Voltage</b>	VAC
<b>Heat Trace Operating Voltage</b>	VAC
<b>Circuit Breaker Size</b>	Amp
<b>Area Classification</b> Class I, Class II , Class III or Ordinary	
<b>Division</b> Div 1, Div 2, or write N/A for Ordinary	
<b>Group(s)</b> A through G or write N/A for Ordinary	
<b>T-Class</b> T1 - T6 or write N/A for Ordinary	
<b>Minimum Ambient Temperature</b>	°F
<b>Maximum Ambient Temperature</b>	°F
<b>Design Heat Loss Safety Factor %</b>	%
<b>Insulation Type</b> (Mineral Wool, Calcium Silicate, Cellular Glass, etc)	
<b>Chemical Exposure</b> Organic, Inorganic, None	

Customer provided the following in electronic and/or print format:

Specification package
Piping and Instrumentation Diagrams (P&IDs)
Line List detailing TO/FROM, P&ID locations, pipe size, insulation type/thickness, EHT, design/operating temps
Isometrics or suitable orthographic pipe drawings, dimensioned, continuations, etc.
Area Classification drawings