

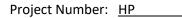
Project Number: HP

Electrical Heat Tracing Project Requirements				
Customer	Project Name	RFQ Due Date		
Contact Name	Phone No.	Email:		

## **Customer is requesting:**

BOM ONLY (No drawings or other controller, panel information, etc.)
BOM and Line List
BOM, Line List, and Isometrics
For expanded deliverable requirements, check off the boxes listed in the following section

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





Project-wide Design Parameters for Electric Heat T	race Systems
Primary Transformer Voltage	VAC
Heat Trace Operating Voltage	VAC
Circuit Breaker Size	Amp
Area Classification Class I, Class II , Class III or Ordinary	
<b>Division</b> Div 1, Div 2, or write N/A for Ordinary	
Group(s) A through G or write N/A for Ordinary	
T-Class T1 - T6 or write N/A for Ordinary	
Minimum Ambient Temperature	°F
Maximum Ambient Temperature	°F
Design Heat Loss Safety Factor %	%
Insulation Type (Mineral Wool, Calcium Silicate, Cellular Glass, etc)	
Chemical Exposure 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