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 www.indeeco.com

Date _____ Job Reference _____
 Company Name _____
 Address _____
 City _____ State _____ Zip _____
 Customer Contact _____
 Phone No. _____ Fax No. _____
 E-Mail Address _____
 Submitted By (if different than above) _____
 Date Quote Required _____

IMPEDANCE PIPELINE HEATING

APPLICATION

Pipe Diameter & Schedule _____ Pipe Material _____ Pipe Length (ft.) _____
 Insulation thickness (in.) _____ Insulation Type _____ "K" factor _____
 Wind Velocity (MPH) _____ Indoor or Outdoor Min./Max. Ambient Temperatures (°F) ____/____.
 Material to be heated _____ Heat sensitive? YES or NO

*****PLEASE INCLUDE P&ID WITH SUBMITTAL OF QUOTE REQUEST.*****

TEMPERATURE MAINTENANCE

Maintenance temperature (°F) _____

TEMPERATURE RISE

Inlet Temperature (°F) _____ Outlet Temperature (°F) _____

Initial heat up time required (hours) _____ Product Flow Rate _____

Fluid Properties: Density or Specific Gravity _____ at ____ °F Specific Heat (BTU/Lb/°F) _____ at ____ °F

Melting Point (°F) _____ Latent heat of fusion (BTU/Lb) _____

Describe how the impedance system is to be used: _____

Describe the process loop: _____

HEATER DESIGN

Required KW rating or heat duty (if known) _____

Available power _____ volts, _____ phase, _____ cycle

Maximum allowable watt density (W/in²) or skin temperature (°F) on heater pipe _____

Heater environment: Non-hazardous Area or Hazardous Area

If Hazardous Area: Class _____, Division _____, Groups _____, Ignition Temperature Code _____.

Special Items: _____

CONTROLS

Type: ON/OFF / SCR (modulated)

Controls mounted: Local / Remote

NEMA Type enclosure: 12 , 4 , 4X , With Purge? YES or NO , 7 (cast aluminum)

Control Panel Heating/Cooling Required? YES / NO

Special Control Items: _____