



425 Hanley Industrial Court
 St. Louis, MO 63144
 Ph: 314-644-4300 – Fax: 314-644-5332
 www.indeeco.com

Date _____ Job Reference _____
 Company Name _____
 Address _____
 City _____ State _____ Zip _____
 Customer Contact _____
 Phone 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) _____

FOR TEMPERATURE RISE APPLICATIONS

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) _____
 Required KW rating or heat duty (if known) _____
 Available power _____ volts, _____ phase,
 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)
 NEMA Type enclosure: 12 , 4 , 4X , 7
 Special Control Items: _____