ENVIKRAFT A-S

Q U E S T I O N N A I R E

as basis for
submitting a quotation for an

ENVIKRAFT A-S INCINERATOR PLANT

To be able to calculate and design the most optimum equipment set-up, you are kindly requested to provide information as per below mentioned as these issues have major influence as design criteria for equipment size, functionality and lay-out.

WASTE INFORMATION

1. Describe the waste composition - percentage of organic, plastics (PVC, PE, others), metal, glass, paper, solvents, pathologic, unburnable items, liquids, etc.:

2. How much waste is planned to be burned in the incinerator now and in the future [kg/h]:

   a) Solid waste

   b) Liquid waste

3. What is the average calorific value of the waste (kJ/kg or kcal/kg):

4. How does the waste arrive:

   a) in wheeled containers, in bags, in cardboard boxes, other:

   b) is the waste dumped near the incinerator, in a silo, or elsewhere.

   c) other, please describe

5. What is the specific weight of the waste (kg/m^3):

6. How often is the waste delivered - is a storage room required:

EQUIPMENT INFORMATION

1. In what periods is the incinerator plant planned to be in operation:

   a) during one shift - 8-14 hours, 5 or 7 days a week

   b) all day - 24 hours, 5 or 7 days a week

   c) other

2. Is the de-ashing procedure planned to be:

   a) manually by the operator

   b) fully automatic through ash-augers, performed during the combustion

3. How is the excess heat from the incineration envisaged to be utilised:

   a) hot water (110 °C/6 bar design pressure)

   b) steam – please state pressure/temperature:

   c) generated power (this is only recommendable for incinerator plants over 2 ton per hour)

   d) it is not planned to use the heat

4. Are there any preferences in the use of flue gas treatment systems such as:

   a) dry bagfilter equipment with added activated carbon & lime

   b) semidry filter

   c) wet scrubber system

5. What kind of fuel is available and planned to be installed:

   a) oil

   b) natural gas

   c) other (e.g. LPG)

6. Please state the lower heat value of the fuel:

7. What emission standards have to be fulfilled:

   a) European Directive on Waste – 2000/76/EC

   b) Other – please state which:

8. How are ashes planned to be handled and removed:

   a) automatic emptying into an ash container placed under the incinerator

   b) by means of an automatic system (e.g. belt- or vibrating conveyor, etc.)

9. What are the noise requirements - if any:

10. Define available electrical supply (V & Hz):

BUILDING & SITE INFORMATION

1. Is the incinerator equipment planned to be installed in

   a) an existing building

   b) a new building

   If possible, please forward drawings on the building with information on available space for the equipment.

2. By existing buildings:

   a) is it possible to remove walls or parts of the roof in order to lift in the main equipment

   b) can floors be excavated to allow for equipment under the incinerator

   c) at what storey/level does the waste arrive

3. Please state if there is any weight restrictions for the floor in relation to the transport of the equipment into the building.

4. Describe if access roads for transportation to the site are available