



**Data acquisition sheet for issuing of an offer**

**Exhaust air treatment and biogenic corrosion in pumping stations, pressure pipe end sumps and the like (for the BEGA-system)**

Company: \_\_\_\_\_ Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone.: \_\_\_\_\_ Fax.: \_\_\_\_\_ E-Mail: \_\_\_\_\_

**I. Object description, source, plant (upstream plants):**

1.) How many incoming pressure pipes are there in the facility? What are their nominal diameters?

\_\_\_\_\_  
\_\_\_\_\_

2.) Maximum pump capacity per pressure line

\_\_\_\_\_

3.) Pump cycle (please state per hour or per day) and pump interval time

\_\_\_\_\_

4.) Dosing agent injection

yes  no

If yes, state the amount of the dosing agent per annual amount of water and pressure pipe?

\_\_\_\_\_

5.) Injection of air into the pressure pipe

yes  no

If yes: injection cycle  times per hour/day/week  litres per second

Pressure interval  seconds/minutes  maximum pressure

6.) Are there additional pressure pipes connected?

yes  no existing  pressure lines

If yes: answer questions 1 to 5 planned  pressure lines

7.) Facility design of the building which is affected by biogenic corrosion an which should be deaerated – dimensions, location, structure (length and size of pipes), existing characteristic curves, Measurements (H<sub>2</sub>S, Temp., ...) (please include a drawing if possible)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**II. Information on the state of affairs regarding the exhaust air:**

1.) What is the core part of your work?

- a) odour and pollutat emission elimination
- b) prevention of biogenic corrosion
- c) both

2.) Please provide us with the detail as asked below (or include additional information)

Odour characterisation\*: \_\_\_\_\_

(\* rotten eggs, smell of garlic or onions, smell of rotten vegetables, petrol-like, pleasantly sweetish, pungent, sweet, acrid, rancid butter, smell of glue, fish, mothballs, bitter almonds, aromatic smell, smell of lemons etc.)

**Is it selectively stripped?**

yes by means of: \_\_\_\_\_

- is planned, by means of:
- a) drop manhole
  - b) outgoing pressure pipe above liquid level
  - c) .....

exhaust air temperature:  °C

wastewater temperature:  °C

**Known pollutants (state in ppm or mg per m³) contained in the exhaust air:**

yes  no

If yes, which ones:

H<sub>2</sub>S: \_\_\_\_\_

NH<sub>3</sub> \_\_\_\_\_

mercaptans: \_\_\_\_\_

.....: \_\_\_\_\_

.....: \_\_\_\_\_

power supply available:  220 V  380 V

water supply available:  yes  no

set-up area available:  yes  no max.  m<sup>2</sup>

further Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_