

Please fill in this form and send it via fax back to:  
+49 (0) 36 75 – 73 35 -15 or use the mailing route.

# siClaro

pure water

non-binding request for proposal -  
siClaro® purification plant

to  
**MARTIN Systems AG**  
*Distribution purification plants*  
*Gewerbegebiet Malmerz*  
*Werkringstrasse 10*  
*96515 Sonneberg*  
*Germany*

Company \_\_\_\_\_

Contact \_\_\_\_\_

Street \_\_\_\_\_

ZIP, Town \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Country \_\_\_\_\_

Project name \_\_\_\_\_

Date of putting into service \_\_\_\_\_

### Type of offer

- Cost estimate  
 Price recommend  
 Detailed offer

### We are planning

- this year       at a later stage

the

- Reconstruction     New Construction     Extension       Layout

of our plant.

### We require

- general information only       a consultant       a contractor

### Utilization of waste water

- Discharge into drainage ditch     For public swimming pools etc.     Indirect discharge

Service water for: \_\_\_\_\_

### Waste water volume to be purified

- Total volume supplied to the purification plant

(Please include hydrograph curves for the day, week and month, if available)

Sewage water supply    \_\_\_\_\_    m<sup>3</sup>/h    \_\_\_\_\_    m<sup>3</sup>/d

External water supply    \_\_\_\_\_    m<sup>3</sup>/h    \_\_\_\_\_    m<sup>3</sup>/d

Dry water supply    \_\_\_\_\_    m<sup>3</sup>/h    \_\_\_\_\_    m<sup>3</sup>/d

Mixed water supply    \_\_\_\_\_    m<sup>3</sup>/h    \_\_\_\_\_    m<sup>3</sup>/d

Design throughput siClaro® system:    \_\_\_\_\_    m<sup>3</sup>/h

Min.    \_\_\_\_\_    m<sup>3</sup>/h    Max.    \_\_\_\_\_    m<sup>3</sup>/h

For partial stream treatment max.    \_\_\_\_\_    m<sup>3</sup>/h

## Waste water flow

- progressive  hours a day  days a week  
 intermittent

## Origin of waste water

Percentage of municipal waste water: \_\_\_\_\_ %

Percentage of industrial waste water: \_\_\_\_\_ %

Branch(es) of industry: \_\_\_\_\_

## Waste water treatment

Purification plant  planning underway  under construction  in operation

Treatment method details:  Pump station \_\_\_\_\_

Screen system with gap width \_\_\_\_\_ mm

Sand trap / Fat trap \_\_\_\_\_

Precipitation / Flocculation \_\_\_\_\_

Preclarification \_\_\_\_\_

- siClaro® filters in  
 concrete structure, to be made available by the customer  
 stainless steel container, to be supplied by MARTIN Systems AG

Installation of siClaro® filters:  indoors  outdoors

Height of installation \_\_\_\_\_ mtrs. Installation surface (m<sup>2</sup>) \_\_\_\_\_

Supply pipe diameter DN: \_\_\_\_\_ Operating pressure max: \_\_\_\_\_

Building available in the neighborhood of the siClaro® plant for accomodating the electric switch cabinets

Distance: \_\_\_\_\_ mtrs.

Special safety regulations on-site (e.g. ex-protection)

Electricity supply \_\_\_\_\_

## Competent Authority for Approval

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

### Water analysis (Supply to purification plant)

Please submit most recent waste water analysis, if available.

<input type="checkbox"/>	COD	∅	_____	mg/l	max.	_____	mg/l
<input type="checkbox"/>	BOD <sub>5</sub>	∅	_____	mg/l	max.	_____	mg/l
<input type="checkbox"/>	Filter. matter	∅	_____	mg/l	max.	_____	mg/l
<input type="checkbox"/>	N <sub>ges</sub>	∅	_____	mg/l	max.	_____	mg/l
<input type="checkbox"/>	P <sub>ges</sub>	∅	_____	mg/l	max.	_____	mg/l
<input type="checkbox"/>	Temp.	∅	_____	°C	max.	_____	°C

### Discharge criteria (please check appropriate)

Discharged volume by category \_\_\_\_\_ pursuant to Regulations on Waste Water, Ann.1

COD < \_\_\_\_\_ mg/l

BOD<sub>5</sub> < \_\_\_\_\_ mg/l

NH<sub>4</sub>-H < \_\_\_\_\_ mg/l

NO<sub>3</sub>-N < \_\_\_\_\_ mg/l

N<sub>ges</sub> < \_\_\_\_\_ mg/l

P<sub>ges</sub> < \_\_\_\_\_ mg/l

Bacteriological requirements according to:

*EC Directive on Water in public swimming pools / WHO / USEPA / California Title 22/ others*

Please specify required concentration.

\_\_\_\_\_ KBE/100ml

\_\_\_\_\_ KBE/100ml

\_\_\_\_\_ KBE/100ml

\_\_\_\_\_ KBE/100ml

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

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