

| 01 Specs<br>01Title    | Gushing nozzle 115 - 15 Silver  |   |                                     | 02.09.16 KF<br>VS.02 | Project<br>No. |  |  |  |            |           |          |          |          |          |   |          |                                   |                                   |                                     |               |                                |   |                                |                        |                                |                               |                                 |          |       |       |                         |                   |                              |                              |                               |             |                          |                          |                            |  |  |
|------------------------|---|---|-------------------------------------|----------------------|----------------|--|--|--|------------|-----------|----------|----------|----------|----------|---|----------|-----------------------------------|-----------------------------------|-------------------------------------|---------------|--------------------------------|---|--------------------------------|------------------------|--------------------------------|-------------------------------|---------------------------------|----------|-------|-------|-------------------------|-------------------|------------------------------|------------------------------|-------------------------------|-------------|--------------------------|--------------------------|----------------------------|--|--|
| Item /<br>No.          | Description / Quantity / Unit   |   |                                     | Unit price           | Total price    |  |  |  |            |           |          |          |          |          |   |          |                                   |                                   |                                     |               |                                |   |                                |                        |                                |                               |                                 |          |       |       |                         |                   |                              |                              |                               |             |                          |                          |                            |  |  |
| 01.1<br>Position       | <p><b>Description:</b><br/> <b>Coated brass nozzle to create a homogenous and stable fan like water-film.</b></p> <p>Installation and operation in fresh- and poolwater.*</p> <p><b>Technical data:</b><br/> Dimensions (L x W x H): 132x145x194 [mm]<br/> Material: double coated brass<br/> Weight: 2,5 kg<br/> Connecting thread (Inner thread): G1 1/2<br/> Parable height: 0,1-1,21 [m]<br/> Parable width: 0,5-4,5 [m]<br/> Spray width: 0,25-1,58 [m]<br/> Water-film thickness: 6 mm<br/> Emission angle: 30°<br/> Water-level independent: yes</p> <p>*</p> <table border="1" data-bbox="292 857 1206 1361"> <thead> <tr> <th colspan="4">water-quality-matrix</th> </tr> <tr> <th></th> <th>Freshwater</th> <th>Poolwater</th> <th>Seawater</th> </tr> </thead> <tbody> <tr> <td>PH.Value</td> <td>7,2 -7,6</td> <td>7,2 -7,6</td> <td>8</td> </tr> <tr> <td>Hardness</td> <td>8 -15 ° DH;<br/>142 -267 ppm CaCo3</td> <td>8 -15 ° DH;<br/>142 -267 ppm CaCo3</td> <td>20 -30 ° DH;<br/>356 - 534 ppm CaCo3</td> </tr> <tr> <td>Free Chlorine</td> <td>&lt; 0,3 mg/l;<br/>&lt; 0,036 moz/gal</td> <td>0,3 -0,6 mg/l;<br/>0,036 - 0,072 moz/gal</td> <td>&lt; 0,3 mg/l;<br/>&lt; 0,036 moz/gal</td> </tr> <tr> <td>Chlorine concentration</td> <td>&lt; 250 mg/l;<br/>&lt; 30,28 moz/gal</td> <td>&lt; 200 mg/l;<br/>&lt; 24,2 moz/gal</td> <td>&lt;=22000 mg/l;<br/>&lt;=2664 moz/gal</td> </tr> <tr> <td>Salinity</td> <td>n. d.</td> <td>n. d.</td> <td>&lt;= 4%;<br/>&lt;= 40.000 ppm</td> </tr> <tr> <td>Total Dry Residue</td> <td>&lt; 50 mg/l;<br/>&lt; 6,06 moz/gal</td> <td>&lt; 50 mg/l;<br/>&lt; 6,06 moz/gal</td> <td>&lt; 250mg/l;<br/>&lt; 30,28 moz/gal</td> </tr> <tr> <td>Temperature</td> <td>4 -35° C;<br/>39 - 95 ° F</td> <td>4 -30° C;<br/>39 - 86 ° F</td> <td>4 - 20 ° C;<br/>39 - 68 ° F</td> </tr> </tbody> </table> <p>Supply and delivery according to manufacturer specifications.</p> <p>Product / proof of delivery:<br/> <b>Gushing nozzle 115 - 15 Silver</b><br/> <b>Art. 50767</b></p> <p>OASE GmbH<br/> Tecklenburger Str. 161<br/> 48477 Hörstel / Germany<br/> Phone: +49 5454 800</p> <p>(or equivalent)<br/> .....<br/> Entered by the bidder</p> |   |                                     | water-quality-matrix |                |  |  |  | Freshwater | Poolwater | Seawater | PH.Value | 7,2 -7,6 | 7,2 -7,6 | 8 | Hardness | 8 -15 ° DH;<br>142 -267 ppm CaCo3 | 8 -15 ° DH;<br>142 -267 ppm CaCo3 | 20 -30 ° DH;<br>356 - 534 ppm CaCo3 | Free Chlorine | < 0,3 mg/l;<br>< 0,036 moz/gal | 0,3 -0,6 mg/l;<br>0,036 - 0,072 moz/gal | < 0,3 mg/l;<br>< 0,036 moz/gal | Chlorine concentration | < 250 mg/l;<br>< 30,28 moz/gal | < 200 mg/l;<br>< 24,2 moz/gal | <=22000 mg/l;<br><=2664 moz/gal | Salinity | n. d. | n. d. | <= 4%;<br><= 40.000 ppm | Total Dry Residue | < 50 mg/l;<br>< 6,06 moz/gal | < 50 mg/l;<br>< 6,06 moz/gal | < 250mg/l;<br>< 30,28 moz/gal | Temperature | 4 -35° C;<br>39 - 95 ° F | 4 -30° C;<br>39 - 86 ° F | 4 - 20 ° C;<br>39 - 68 ° F |  |  |
| water-quality-matrix   |   |   |                                     |                      |                |  |  |  |            |           |          |          |          |          |   |          |                                   |                                   |                                     |               |                                |   |                                |                        |                                |                               |                                 |          |       |       |                         |                   |                              |                              |                               |             |                          |                          |                            |  |  |
|                        | Freshwater  | Poolwater                               | Seawater                            |                      |                |  |  |  |            |           |          |          |          |          |   |          |                                   |                                   |                                     |               |                                |   |                                |                        |                                |                               |                                 |          |       |       |                         |                   |                              |                              |                               |             |                          |                          |                            |  |  |
| PH.Value               | 7,2 -7,6  | 7,2 -7,6                                | 8                                   |                      |                |  |  |  |            |           |          |          |          |          |   |          |                                   |                                   |                                     |               |                                |   |                                |                        |                                |                               |                                 |          |       |       |                         |                   |                              |                              |                               |             |                          |                          |                            |  |  |
| Hardness               | 8 -15 ° DH;<br>142 -267 ppm CaCo3   | 8 -15 ° DH;<br>142 -267 ppm CaCo3       | 20 -30 ° DH;<br>356 - 534 ppm CaCo3 |                      |                |  |  |  |            |           |          |          |          |          |   |          |                                   |                                   |                                     |               |                                |   |                                |                        |                                |                               |                                 |          |       |       |                         |                   |                              |                              |                               |             |                          |                          |                            |  |  |
| Free Chlorine          | < 0,3 mg/l;<br>< 0,036 moz/gal  | 0,3 -0,6 mg/l;<br>0,036 - 0,072 moz/gal | < 0,3 mg/l;<br>< 0,036 moz/gal      |                      |                |  |  |  |            |           |          |          |          |          |   |          |                                   |                                   |                                     |               |                                |   |                                |                        |                                |                               |                                 |          |       |       |                         |                   |                              |                              |                               |             |                          |                          |                            |  |  |
| Chlorine concentration | < 250 mg/l;<br>< 30,28 moz/gal  | < 200 mg/l;<br>< 24,2 moz/gal           | <=22000 mg/l;<br><=2664 moz/gal     |                      |                |  |  |  |            |           |          |          |          |          |   |          |                                   |                                   |                                     |               |                                |   |                                |                        |                                |                               |                                 |          |       |       |                         |                   |                              |                              |                               |             |                          |                          |                            |  |  |
| Salinity               | n. d.   | n. d.                                   | <= 4%;<br><= 40.000 ppm             |                      |                |  |  |  |            |           |          |          |          |          |   |          |                                   |                                   |                                     |               |                                |   |                                |                        |                                |                               |                                 |          |       |       |                         |                   |                              |                              |                               |             |                          |                          |                            |  |  |
| Total Dry Residue      | < 50 mg/l;<br>< 6,06 moz/gal  | < 50 mg/l;<br>< 6,06 moz/gal            | < 250mg/l;<br>< 30,28 moz/gal       |                      |                |  |  |  |            |           |          |          |          |          |   |          |                                   |                                   |                                     |               |                                |   |                                |                        |                                |                               |                                 |          |       |       |                         |                   |                              |                              |                               |             |                          |                          |                            |  |  |
| Temperature            | 4 -35° C;<br>39 - 95 ° F  | 4 -30° C;<br>39 - 86 ° F                | 4 - 20 ° C;<br>39 - 68 ° F          |                      |                |  |  |  |            |           |          |          |          |          |   |          |                                   |                                   |                                     |               |                                |   |                                |                        |                                |                               |                                 |          |       |       |                         |                   |                              |                              |                               |             |                          |                          |                            |  |  |