

01 Specs 01Title	Cascade 50 T			05.09.16 AO VS.03	Project No.																																				
Item / No.	Description / Quantity / Unit			Unit price	total price																																				
01.1 Position	<p>Description: Adjustable (direction) tombac injection nozzle to create a homogenous and stable foamy water jet. Form and height vary with height position with respect to water surface and are influenced by waves.</p> <p>Installation and operation in freshwater.*</p> <p>Technical data:</p> <p>Dimension (Ø x H): 78x192 [mm] Material: tombac Weight: 1,6 kg Connecting thread (Inner thread): G1 Effect height: 0,25-5,0 [m] Adjustable flange: yes Water-level independent: no</p> <p>* <table border="1" data-bbox="288 875 1227 1375"> <thead> <tr> <th colspan="4" data-bbox="288 875 1227 904">water-quality-matrix</th> </tr> <tr> <th data-bbox="288 904 456 934"></th> <th data-bbox="456 904 722 934">Freshwater</th> <th data-bbox="722 904 983 934">Poolwater</th> <th data-bbox="983 904 1227 934">Seawater</th> </tr> </thead> <tbody> <tr> <td data-bbox="288 934 456 1003">PH.Value</td> <td data-bbox="456 934 722 1003">7,2 -7,6</td> <td data-bbox="722 934 983 1003">7,2 -7,6</td> <td data-bbox="983 934 1227 1003">8</td> </tr> <tr> <td data-bbox="288 1003 456 1072">Hardness</td> <td data-bbox="456 1003 722 1072">8 -15 ° DH; 142 -267 ppm CaCo3</td> <td data-bbox="722 1003 983 1072">8 -15 ° DH; 142 -267 ppm CaCo3</td> <td data-bbox="983 1003 1227 1072">20 -30 ° DH; 356 - 534 ppm CaCo3</td> </tr> <tr> <td data-bbox="288 1072 456 1128">Free Chlorine</td> <td data-bbox="456 1072 722 1128">< 0,3 mg/l; < 0,036 moz/gal</td> <td data-bbox="722 1072 983 1128">0,3 -0,6 mg/l; 0,036 - 0,072 moz/gal</td> <td data-bbox="983 1072 1227 1128">< 0,3 mg/l; < 0,036 moz/gal</td> </tr> <tr> <td data-bbox="288 1128 456 1198">Chlorine concentration</td> <td data-bbox="456 1128 722 1198">< 250 mg/l; < 30,28 moz/gal</td> <td data-bbox="722 1128 983 1198">< 200 mg/l; < 24,2 moz/gal</td> <td data-bbox="983 1128 1227 1198"><=22000 mg/l; <=2664 moz/gal</td> </tr> <tr> <td data-bbox="288 1198 456 1254">Salinity</td> <td data-bbox="456 1198 722 1254">n. d.</td> <td data-bbox="722 1198 983 1254">n. d.</td> <td data-bbox="983 1198 1227 1254"><= 4%; <= 40.000 ppm</td> </tr> <tr> <td data-bbox="288 1254 456 1310">Total Dry Residue</td> <td data-bbox="456 1254 722 1310">< 50 mg/l; < 6,06 moz/gal</td> <td data-bbox="722 1254 983 1310">< 50 mg/l; < 6,06 moz/gal</td> <td data-bbox="983 1254 1227 1310">< 250mg/l; < 30,28 moz/gal</td> </tr> <tr> <td data-bbox="288 1310 456 1375">Temperature</td> <td data-bbox="456 1310 722 1375">4 -35° C; 39 - 95 ° F</td> <td data-bbox="722 1310 983 1375">4 -30° C; 39 - 86 ° F</td> <td data-bbox="983 1310 1227 1375">4 - 20 ° C; 39 - 68 ° F</td> </tr> </tbody> </table> </p> <p>Supply and delivery according to manufacturer specifications.</p> <p>Product / proof of delivery: Cascade 50 T Art. 50911</p> <p>OASE GmbH Tecklenburger Str. 161 48477 Hörstel / Germany Phone: +49 5454 800</p> <p>(or equivalent) 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; 142 -267 ppm CaCo3	8 -15 ° DH; 142 -267 ppm CaCo3	20 -30 ° DH; 356 - 534 ppm CaCo3	Free Chlorine	< 0,3 mg/l; < 0,036 moz/gal	0,3 -0,6 mg/l; 0,036 - 0,072 moz/gal	< 0,3 mg/l; < 0,036 moz/gal	Chlorine concentration	< 250 mg/l; < 30,28 moz/gal	< 200 mg/l; < 24,2 moz/gal	<=22000 mg/l; <=2664 moz/gal	Salinity	n. d.	n. d.	<= 4%; <= 40.000 ppm	Total Dry Residue	< 50 mg/l; < 6,06 moz/gal	< 50 mg/l; < 6,06 moz/gal	< 250mg/l; < 30,28 moz/gal	Temperature	4 -35° C; 39 - 95 ° F	4 -30° C; 39 - 86 ° F	4 - 20 ° C; 39 - 68 ° F		
water-quality-matrix																																									
	Freshwater	Poolwater	Seawater																																						
PH.Value	7,2 -7,6	7,2 -7,6	8																																						
Hardness	8 -15 ° DH; 142 -267 ppm CaCo3	8 -15 ° DH; 142 -267 ppm CaCo3	20 -30 ° DH; 356 - 534 ppm CaCo3																																						
Free Chlorine	< 0,3 mg/l; < 0,036 moz/gal	0,3 -0,6 mg/l; 0,036 - 0,072 moz/gal	< 0,3 mg/l; < 0,036 moz/gal																																						
Chlorine concentration	< 250 mg/l; < 30,28 moz/gal	< 200 mg/l; < 24,2 moz/gal	<=22000 mg/l; <=2664 moz/gal																																						
Salinity	n. d.	n. d.	<= 4%; <= 40.000 ppm																																						
Total Dry Residue	< 50 mg/l; < 6,06 moz/gal	< 50 mg/l; < 6,06 moz/gal	< 250mg/l; < 30,28 moz/gal																																						
Temperature	4 -35° C; 39 - 95 ° F	4 -30° C; 39 - 86 ° F	4 - 20 ° C; 39 - 68 ° F																																						